

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048547.D
 Acq On : 10 Nov 2025 17:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 11 00:50:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2025
 Supervised By : Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.538	168	184679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	313127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	277763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129542	50.340	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.680%			
35) Dibromofluoromethane	5.379	113	110282	46.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.060%			
50) Toluene-d8	8.635	98	369552	49.997	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.000%			
62) 4-Bromofluorobenzene	11.061	95	128293	46.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	73696	49.247	ug/l	100
3) Chloromethane	1.301	50	93456	47.086	ug/l	97
4) Vinyl Chloride	1.380	62	102170	45.464	ug/l	97
5) Bromomethane	1.611	94	62012	43.701	ug/l	96
6) Chloroethane	1.697	64	65386	44.429	ug/l	99
7) Trichlorofluoromethane	1.898	101	155288	43.679	ug/l	100
8) Diethyl Ether	2.136	74	64851	45.443	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	89824	43.642	ug/l	99
10) Methyl Iodide	2.459	142	114724	37.664	ug/l	99
11) Tert butyl alcohol	2.940	59	96937	198.796	ug/l	99
12) 1,1-Dichloroethene	2.325	96	95567	44.453	ug/l	98
13) Acrolein	2.239	56	34429	487.993	ug/l	98
14) Allyl chloride	2.666	41	166346	41.558	ug/l	100
15) Acrylonitrile	3.056	53	329891	231.750	ug/l	99
16) Acetone	2.374	43	284272	233.372	ug/l	100
17) Carbon Disulfide	2.520	76	258585	42.743	ug/l	99
18) Methyl Acetate	2.697	43	144164	43.066	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	338038	44.527	ug/l	100
20) Methylene Chloride	2.788	84	106932	42.699	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	98772	43.348	ug/l	95
22) Diisopropyl ether	3.751	45	342332	44.540	ug/l	98
23) Vinyl Acetate	3.715	43	1494552	222.024	ug/l	99
24) 1,1-Dichloroethane	3.611	63	184987	43.864	ug/l	99
25) 2-Butanone	4.538	43	417804	231.858	ug/l	100
26) 2,2-Dichloropropane	4.465	77	127113	35.355	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	118772	42.644	ug/l	100
28) Bromochloromethane	4.885	49	93696	45.225	ug/l	100
29) Tetrahydrofuran	4.983	42	296533	230.727	ug/l	99
30) Chloroform	5.080	83	195236	44.842	ug/l	99
31) Cyclohexane	5.464	56	151766	43.920	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	170248	44.806	ug/l	99
36) 1,1-Dichloropropene	5.684	75	130308	41.062	ug/l	99
37) Ethyl Acetate	4.696	43	185778	41.588	ug/l	98
38) Carbon Tetrachloride	5.672	117	148842	41.202	ug/l	98
39) Methylcyclohexane	7.367	83	152414	42.774	ug/l	96
40) Benzene	6.025	78	413765	42.062	ug/l	98

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Reviewed By :John Carlone 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	89295	45.454	ug/l	96
42) 1,2-Dichloroethane	6.074	62	144185	42.779	ug/l	99
43) Isopropyl Acetate	6.324	43	266845	42.496	ug/l	99
44) Trichloroethene	7.110	130	107063	45.533	ug/l	100
45) 1,2-Dichloropropane	7.415	63	104488	46.196	ug/l	100
46) Dibromomethane	7.568	93	78782	47.755	ug/l	98
47) Bromodichloromethane	7.805	83	157023	47.712	ug/l	99
48) Methyl methacrylate	7.677	41	128569	46.059	ug/l	100
49) 1,4-Dioxane	7.647	88	35990	846.147	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	854832	239.154	ug/l	99
52) Toluene	8.702	92	257391	49.699	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	156136	46.042	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	168481	47.981	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	105301	50.890	ug/l	97
56) Ethyl methacrylate	9.098	69	173023	50.260	ug/l	99
57) 1,3-Dichloropropane	9.293	76	175494	48.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	497586	268.844	ug/l	98
59) 2-Hexanone	9.415	43	638318	240.073	ug/l	99
60) Dibromochloromethane	9.506	129	127651	50.246	ug/l	99
61) 1,2-Dibromoethane	9.592	107	112138	50.036	ug/l	100
64) Tetrachloroethene	9.256	164	87934	43.586	ug/l	98
65) Chlorobenzene	10.061	112	282852	42.903	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	100332	45.419	ug/l	99
67) Ethyl Benzene	10.177	91	471470	42.587	ug/l	98
68) m/p-Xylenes	10.287	106	367782	88.207	ug/l	100
69) o-Xylene	10.622	106	178274	43.701	ug/l	98
70) Styrene	10.640	104	305630	44.662	ug/l	100
71) Bromoform	10.781	173	89828	44.077	ug/l #	98
73) Isopropylbenzene	10.945	105	418020	41.986	ug/l	99
74) N-amyl acetate	10.823	43	215622	43.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	147516	42.015	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	138365m	41.872	ug/l	
77) Bromobenzene	11.183	156	111860	43.510	ug/l	97
78) n-propylbenzene	11.287	91	486206	41.531	ug/l	100
79) 2-Chlorotoluene	11.348	91	296088	41.855	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	340296	41.927	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	47136	40.801	ug/l	95
82) 4-Chlorotoluene	11.439	91	341806	41.191	ug/l	99
83) tert-Butylbenzene	11.695	119	354818	42.266	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	345525	42.192	ug/l	99
85) sec-Butylbenzene	11.872	105	420144	40.493	ug/l	99
86) p-Isopropyltoluene	11.994	119	359464	41.209	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	203467	42.226	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	202025	40.591	ug/l	99
89) n-Butylbenzene	12.311	91	322553	39.417	ug/l	100
90) Hexachloroethane	12.518	117	68686	41.328	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	194077	41.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	34060	41.744	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	126002	40.992	ug/l	99
94) Hexachlorobutadiene	13.707	225	48940	38.087	ug/l	99
95) Naphthalene	13.756	128	438178	44.338	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	121530	42.506	ug/l	98

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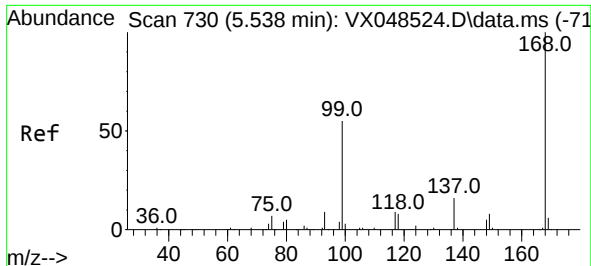
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 00:50:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

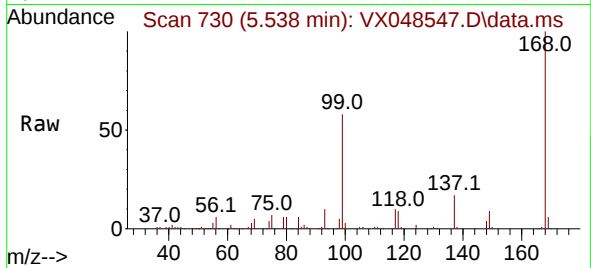
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
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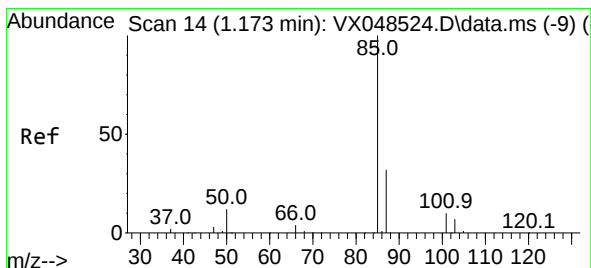
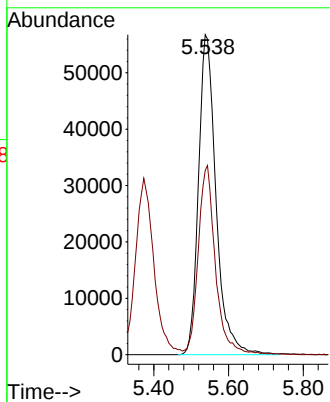
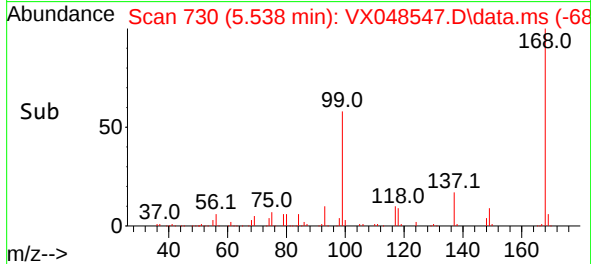
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 184679
Ion Ratio Lower Upper
168 100
99 57.3 45.2 67.8

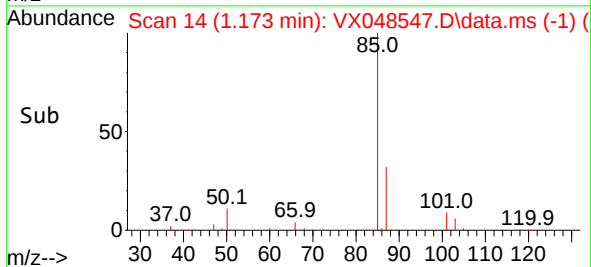
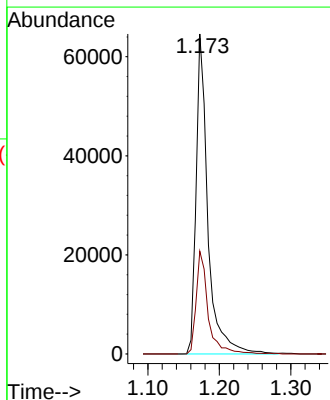
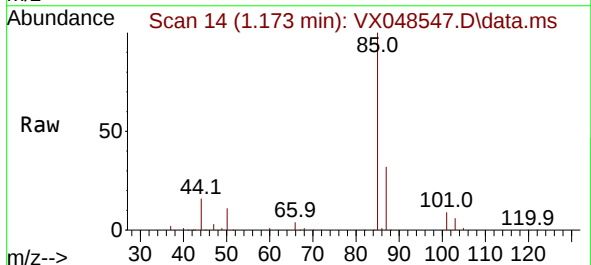
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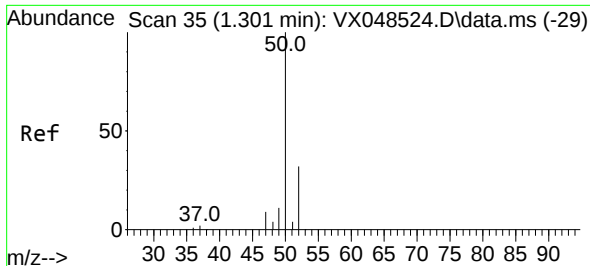
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#2
Dichlorodifluoromethane
Concen: 49.247 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

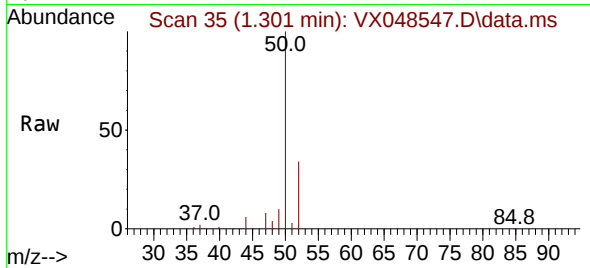
Tgt Ion: 85 Resp: 73696
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6





#3
Chloromethane
Concen: 47.086 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

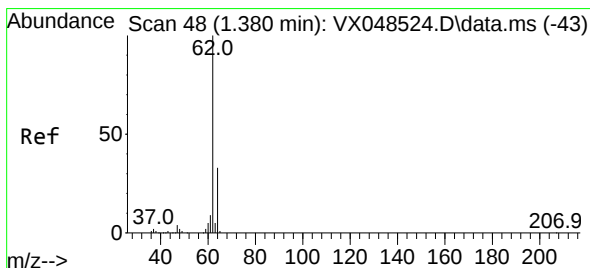
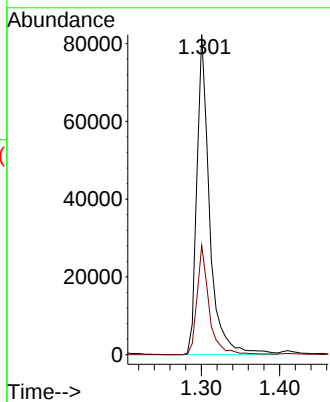
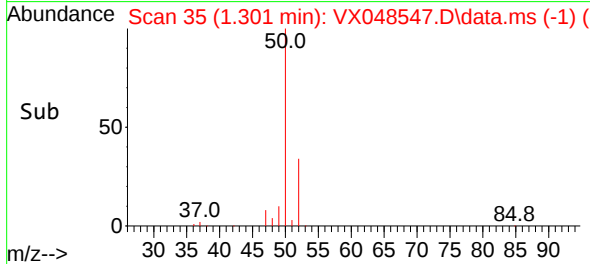
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 93450
Ion Ratio Lower Upper
50 100
52 34.1 26.0 39.0

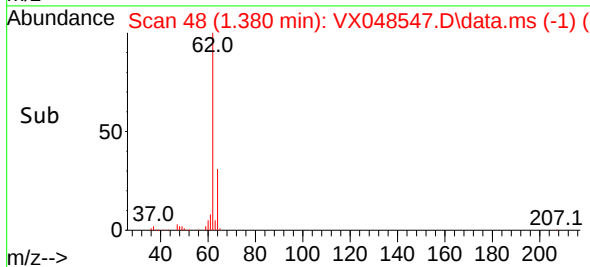
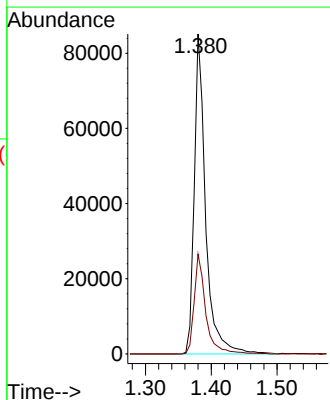
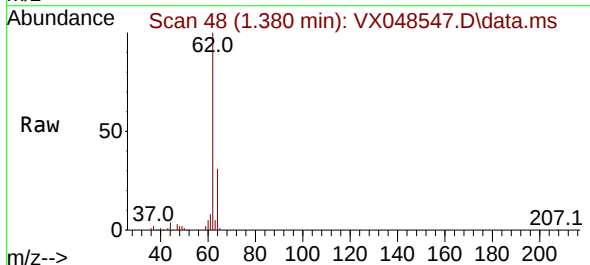
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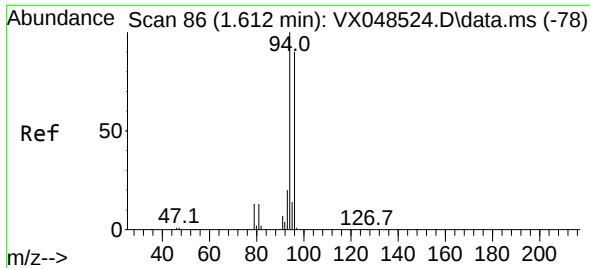
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#4
Vinyl Chloride
Concen: 45.464 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Tgt Ion: 62 Resp: 102170
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.4





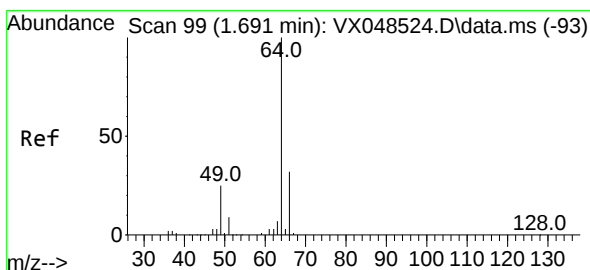
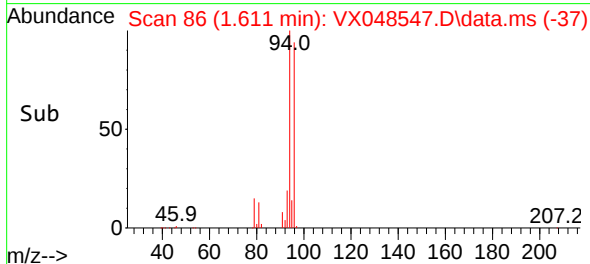
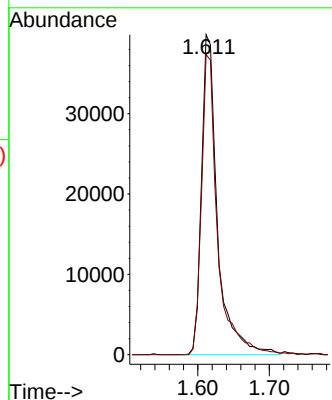
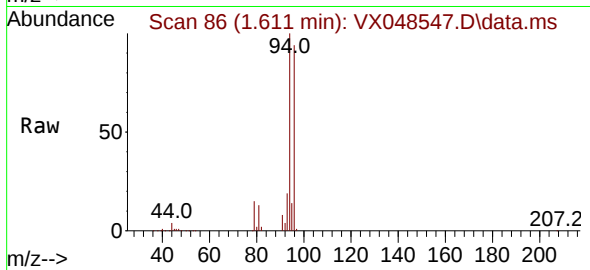
#5
Bromomethane
Concen: 43.701 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX048547.D
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Instrument :
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Tgt Ion: 94 Resp: 6201
Ion Ratio Lower Upper
94 100
96 93.8 72.3 108.5

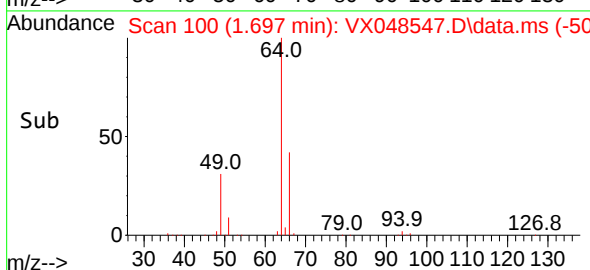
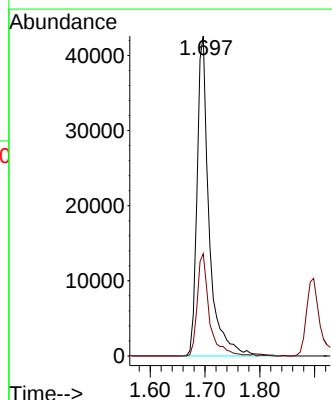
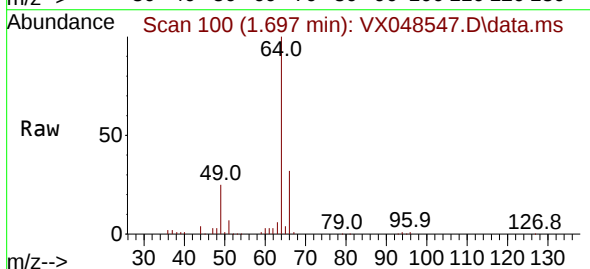
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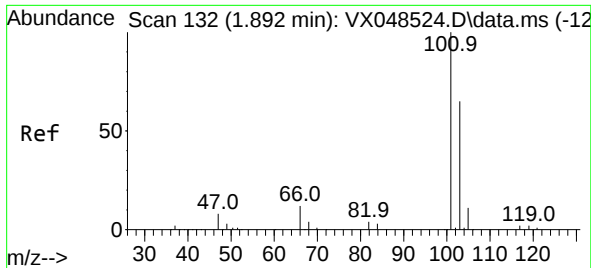
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#6
Chloroethane
Concen: 44.429 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX048547.D
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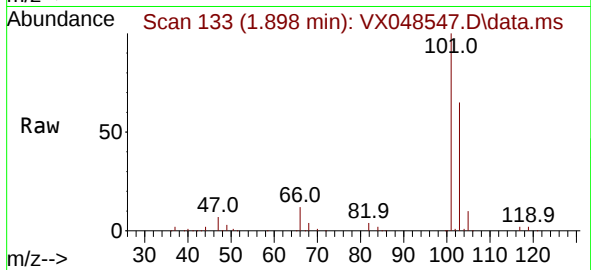
Tgt Ion: 64 Resp: 65386
Ion Ratio Lower Upper
64 100
66 31.9 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 43.679 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX048547.D
 Acq: 10 Nov 2025 17:51

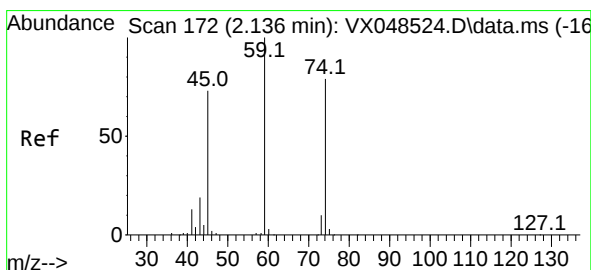
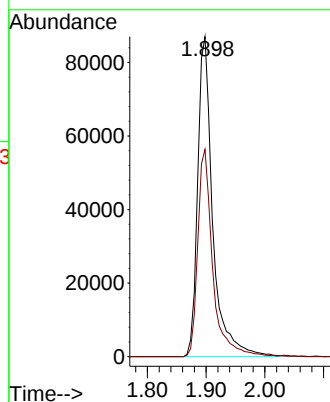
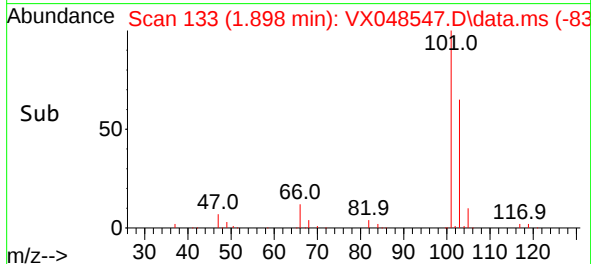
Instrument :
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 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 15528
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.7 77.5

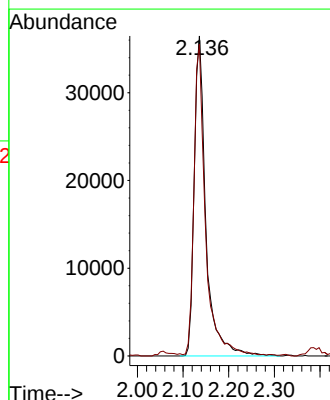
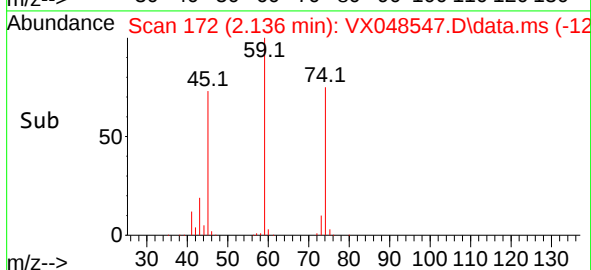
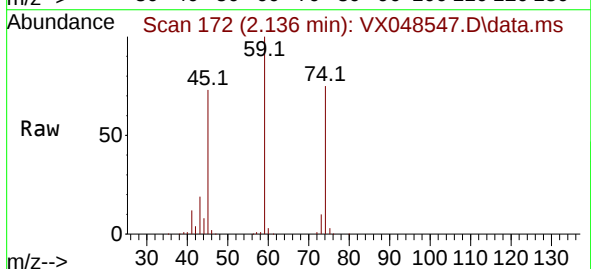
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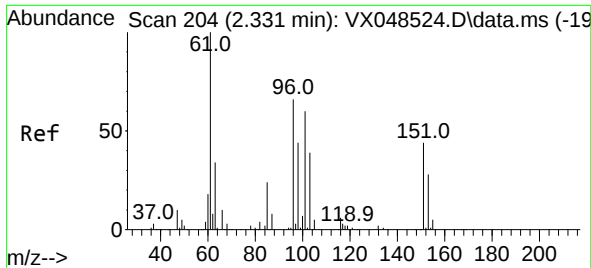
Reviewed By :John Carlone 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025



#8
 Diethyl Ether
 Concen: 45.443 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048547.D
 Acq: 10 Nov 2025 17:51

Tgt Ion: 74 Resp: 64851
 Ion Ratio Lower Upper
 74 100
 45 95.8 45.9 137.6





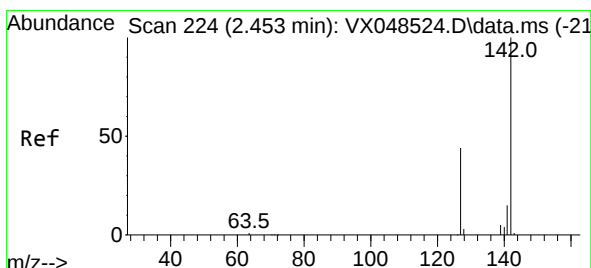
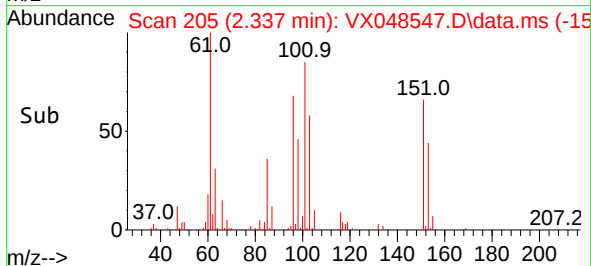
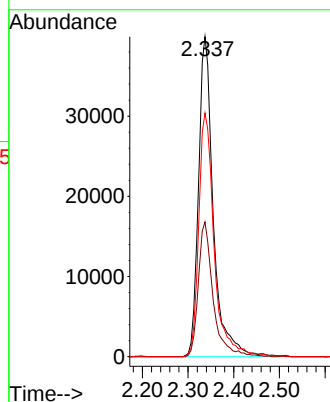
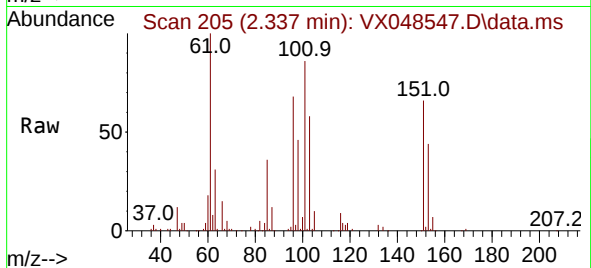
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.642 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 89824
Ion Ratio Lower Upper
101 100
85 42.1 34.3 51.5
151 79.6 63.1 94.7

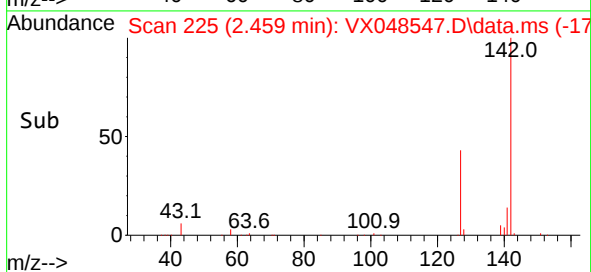
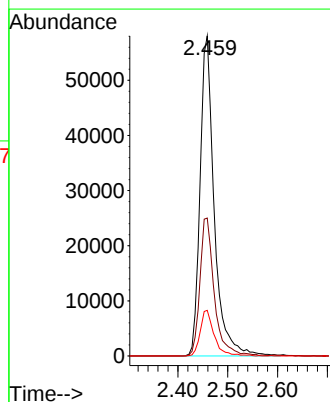
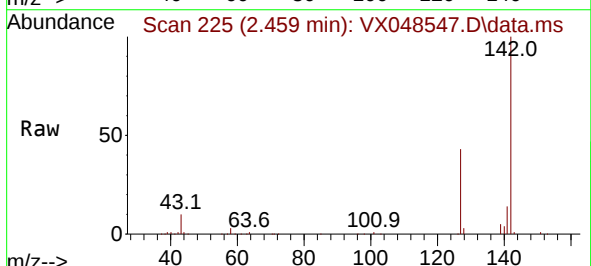
Manual Integrations
APPROVED

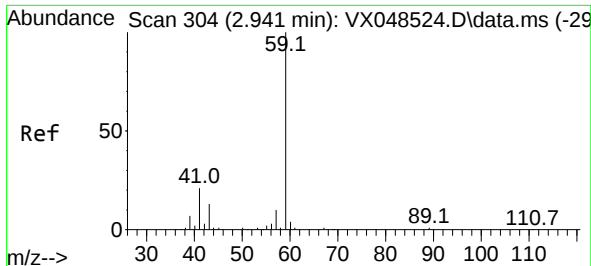
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#10
Methyl Iodide
Concen: 37.664 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

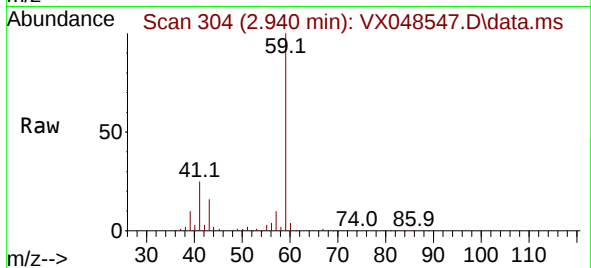
Tgt Ion:142 Resp: 114724
Ion Ratio Lower Upper
142 100
127 43.8 35.8 53.6
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 198.796 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

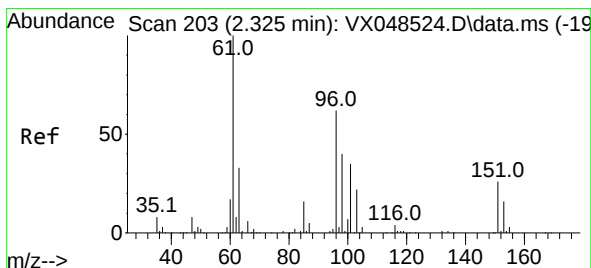
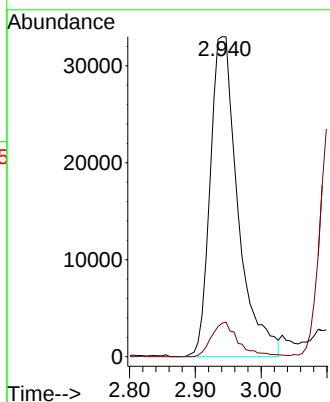
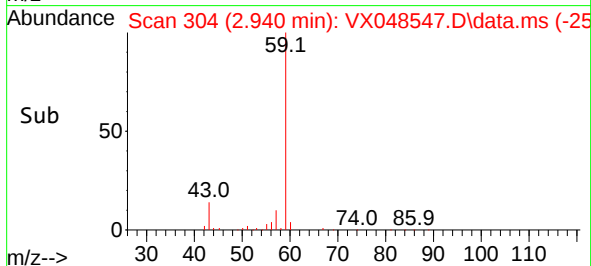
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



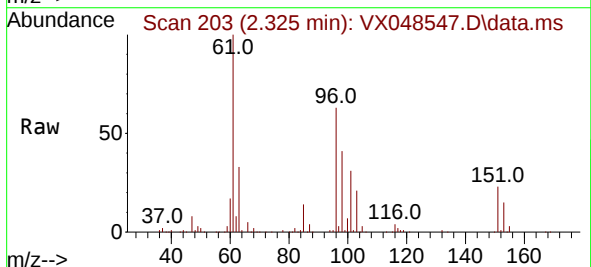
Tgt Ion: 59 Resp: 9693
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0

Manual Integrations
APPROVED

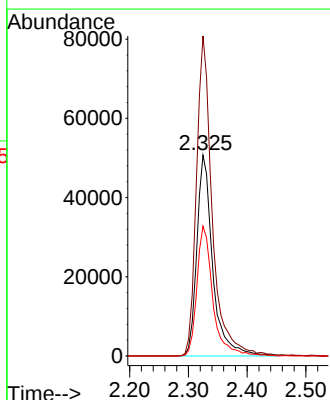
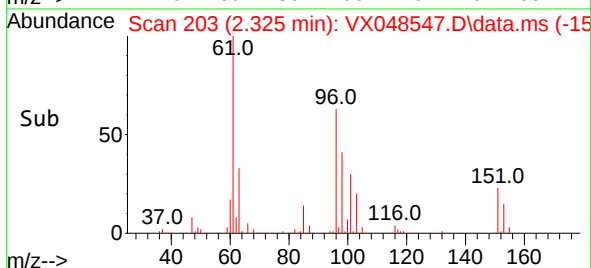
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

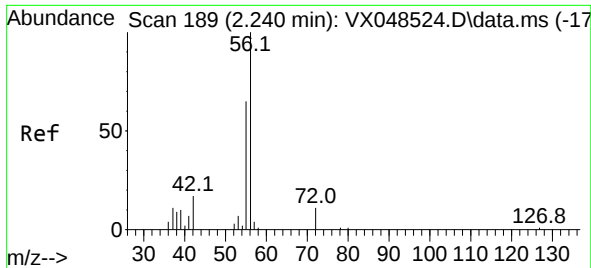


#12
1,1-Dichloroethene
Concen: 44.453 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51



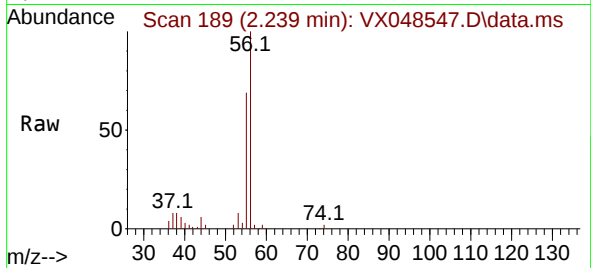
Tgt Ion: 96 Resp: 95567
Ion Ratio Lower Upper
96 100
61 159.3 129.8 194.6
98 64.6 52.3 78.5





#13
Acrolein
Concen: 487.993 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

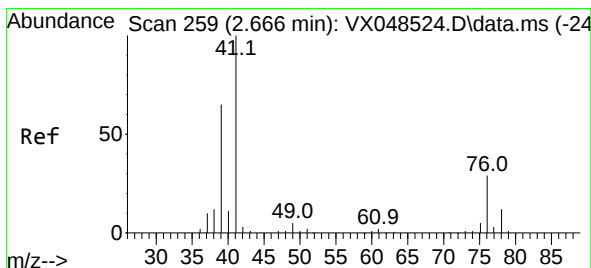
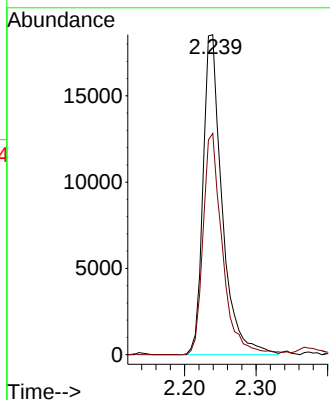
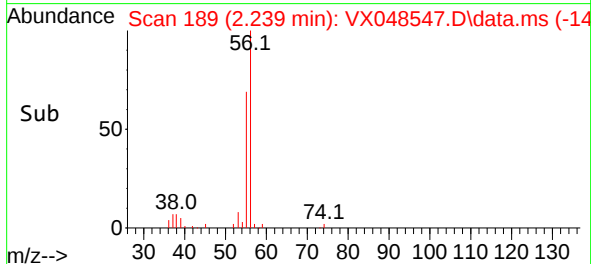
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



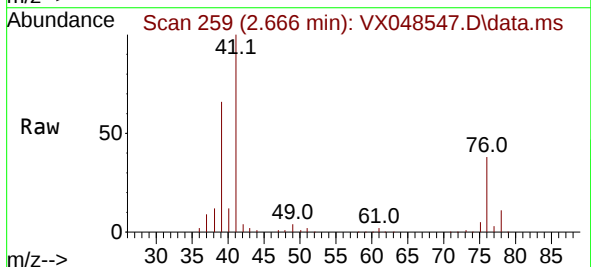
Tgt Ion: 56 Resp: 34429
Ion Ratio Lower Upper
56 100
55 70.2 54.9 82.3

Manual Integrations
APPROVED

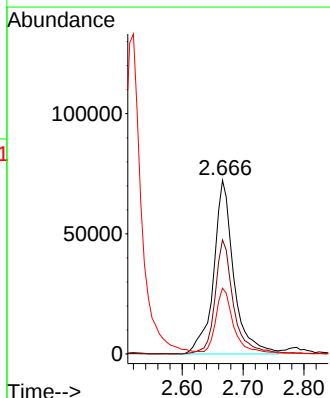
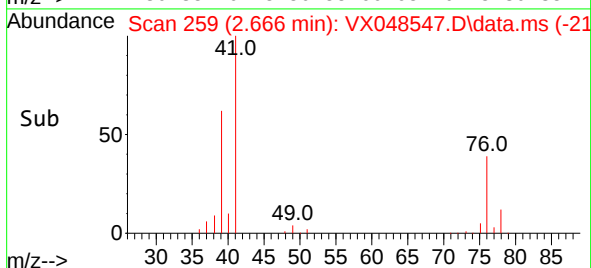
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

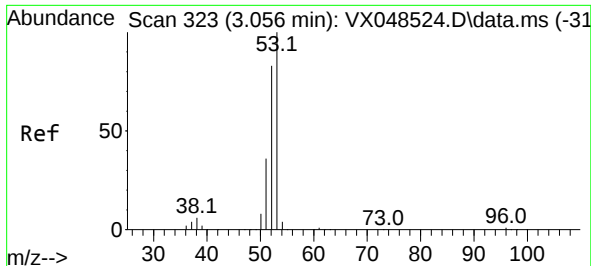


#14
Allyl chloride
Concen: 41.558 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51



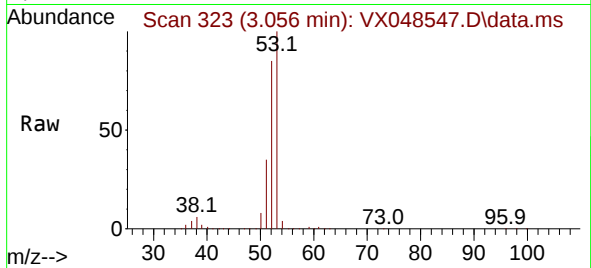
Tgt Ion: 41 Resp: 166346
Ion Ratio Lower Upper
41 100
39 60.5 48.6 73.0
76 34.2 27.7 41.5





#15
Acrylonitrile
Concen: 231.750 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

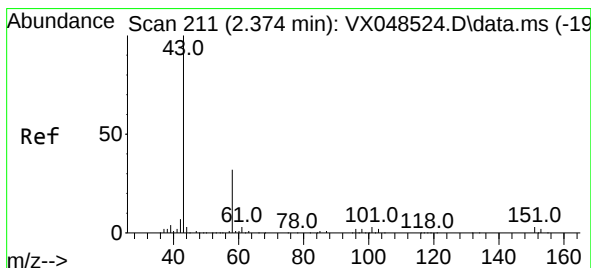
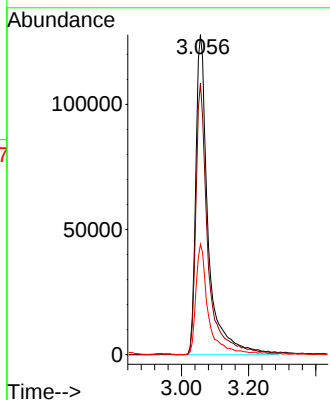
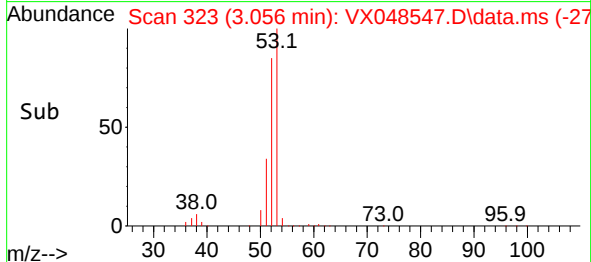
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



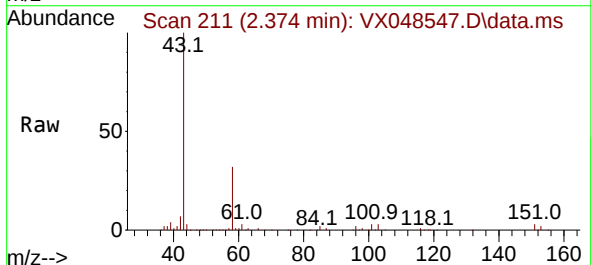
Tgt Ion: 53 Resp: 32989
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 34.2 27.8 41.6

Manual Integrations
APPROVED

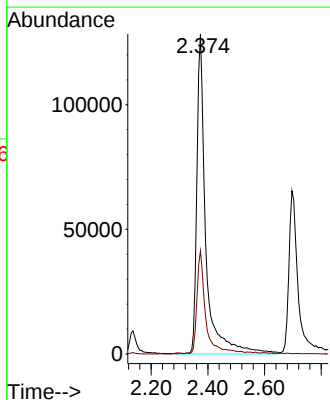
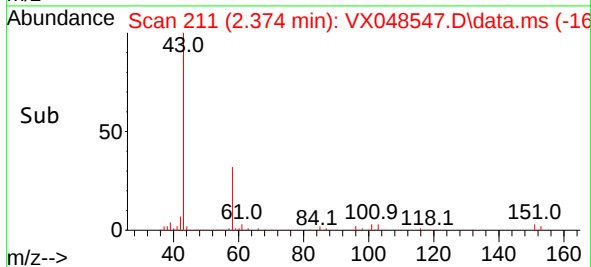
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

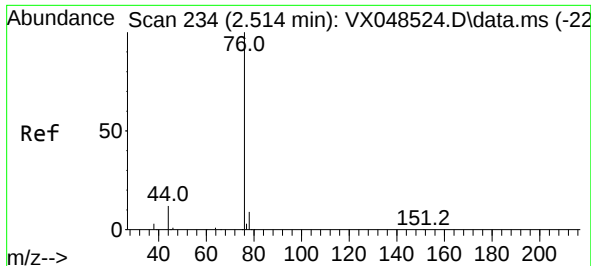


#16
Acetone
Concen: 233.372 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51



Tgt Ion: 43 Resp: 284272
Ion Ratio Lower Upper
43 100
58 32.0 25.8 38.6





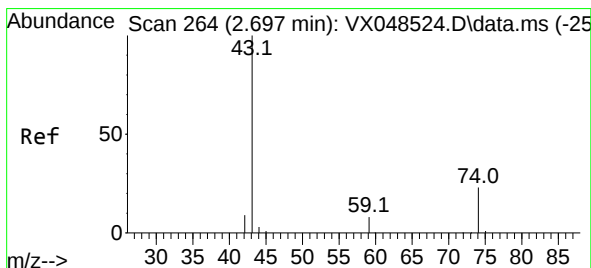
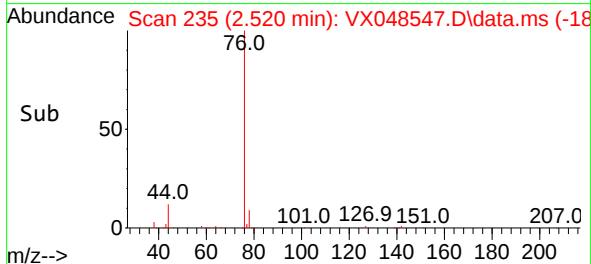
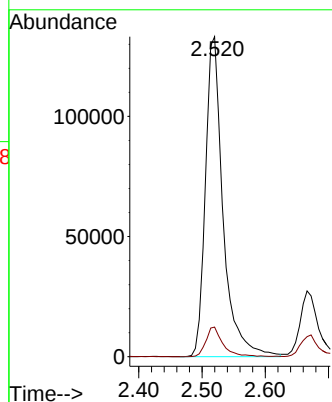
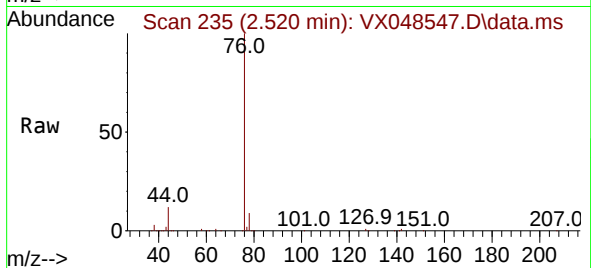
#17
Carbon Disulfide
Concen: 42.743 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 25858
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

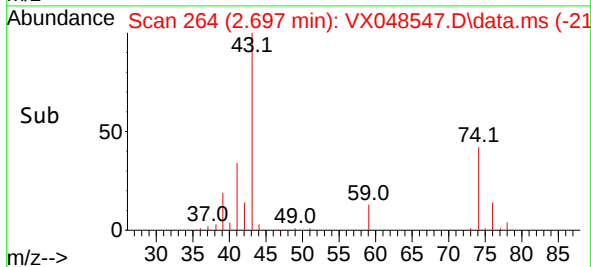
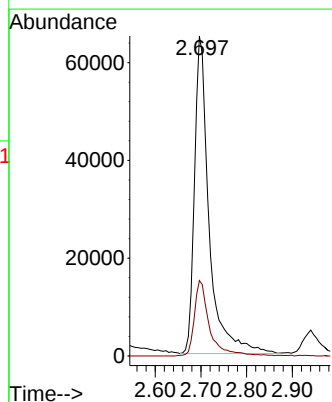
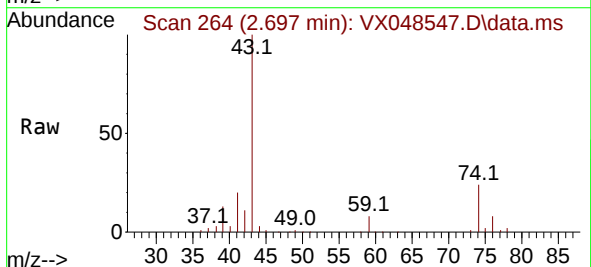
Manual Integrations
APPROVED

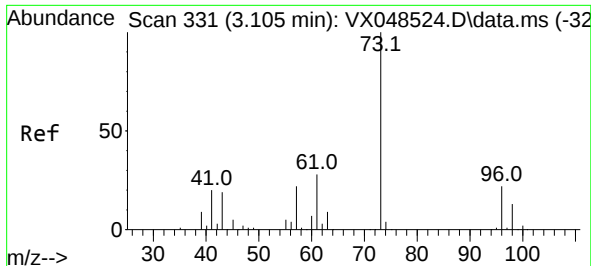
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#18
Methyl Acetate
Concen: 43.066 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

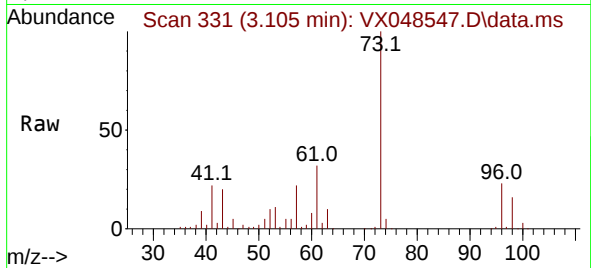
Tgt Ion: 43 Resp: 144164
Ion Ratio Lower Upper
43 100
74 24.6 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 44.527 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

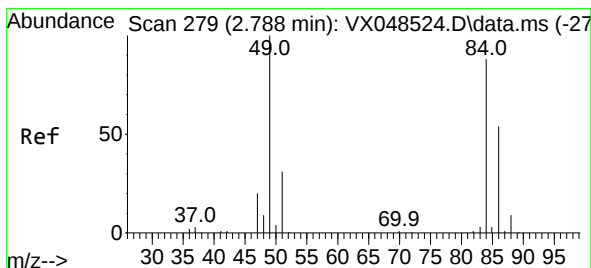
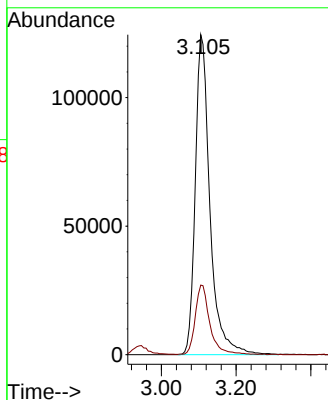
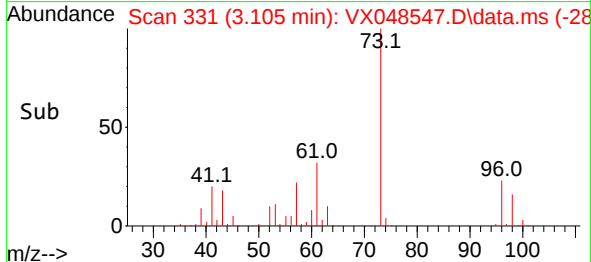
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 338038
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

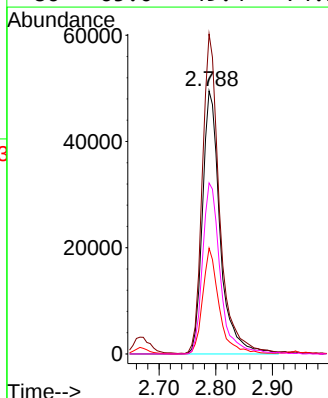
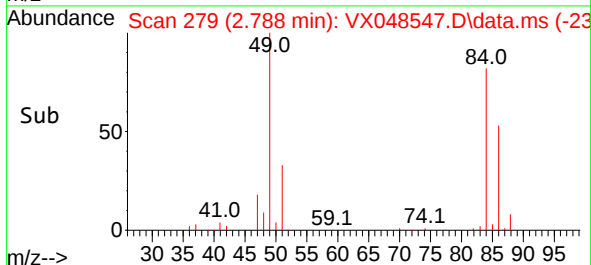
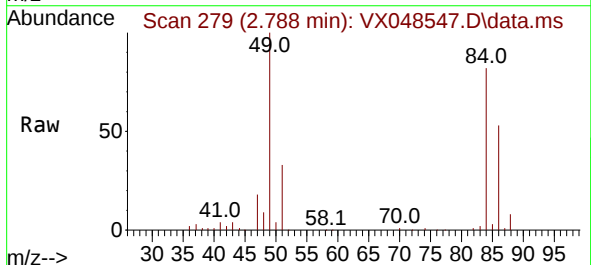
Manual Integrations
APPROVED

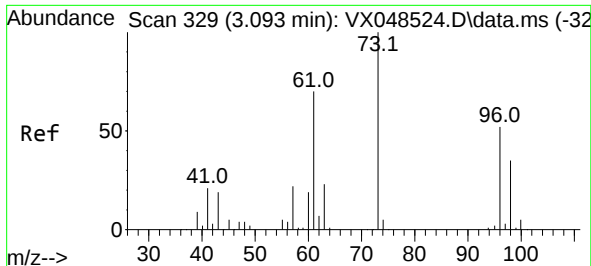
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#20
Methylene Chloride
Concen: 42.699 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

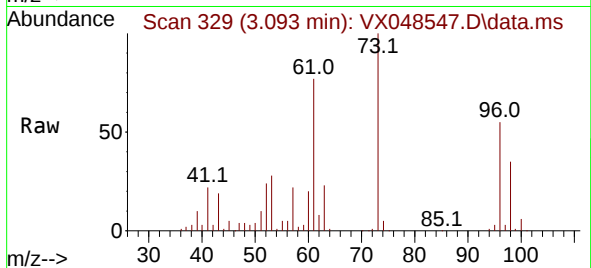
Tgt Ion: 84 Resp: 106932
Ion Ratio Lower Upper
84 100
49 121.4 91.2 136.8
51 40.2 28.3 42.5
86 65.0 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 43.348 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

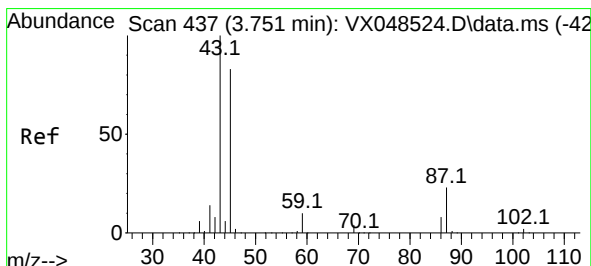
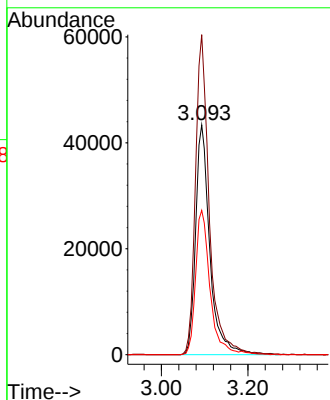
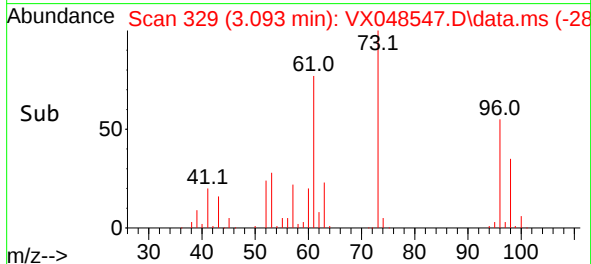
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 98772
Ion Ratio Lower Upper
96 100
61 139.3 106.7 160.1
98 62.8 52.7 79.1

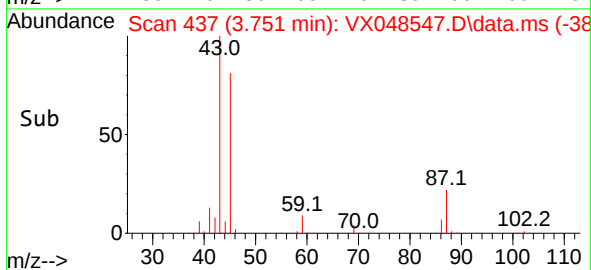
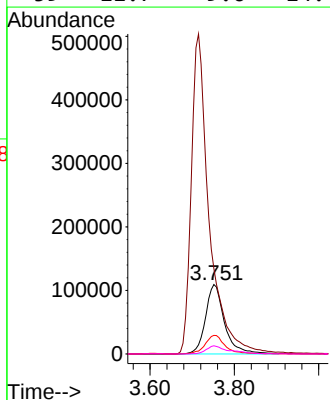
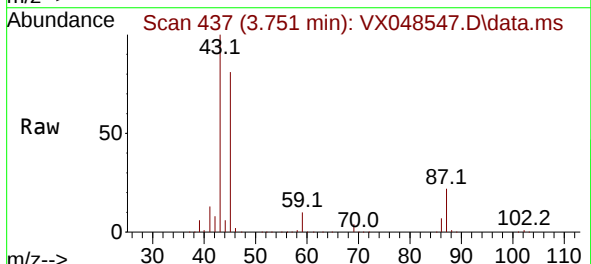
Manual Integrations
APPROVED

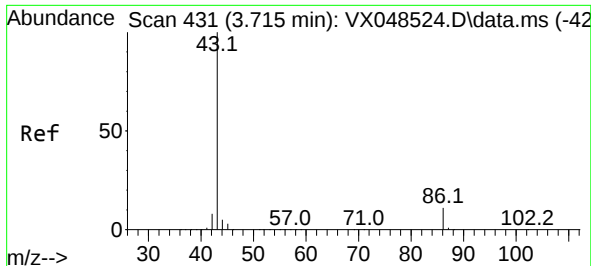
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#22
Diisopropyl ether
Concen: 44.540 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

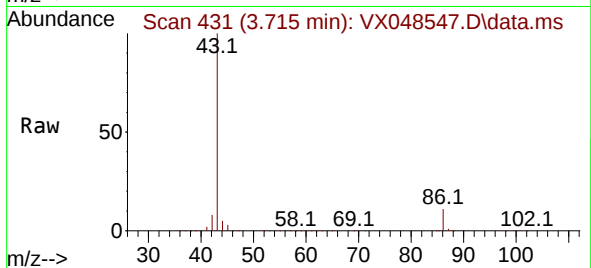
Tgt Ion: 45 Resp: 342332
Ion Ratio Lower Upper
45 100
43 122.5 96.4 144.6
87 26.7 21.8 32.6
59 11.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 222.024 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048547.D
 Acq: 10 Nov 2025 17:51

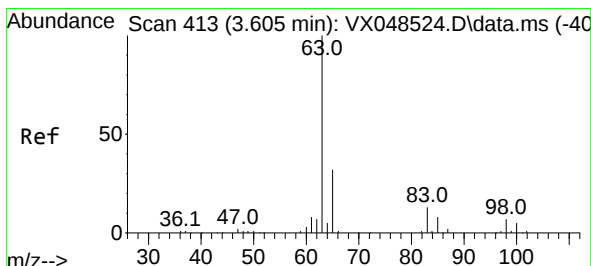
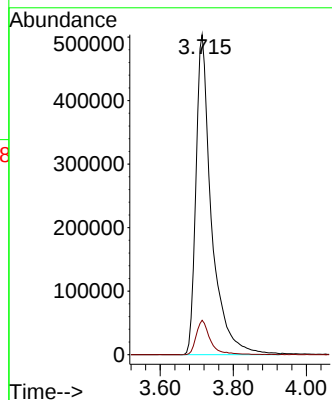
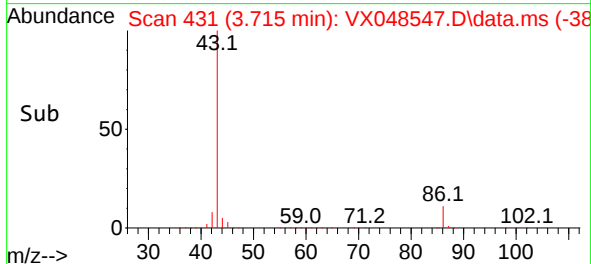
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



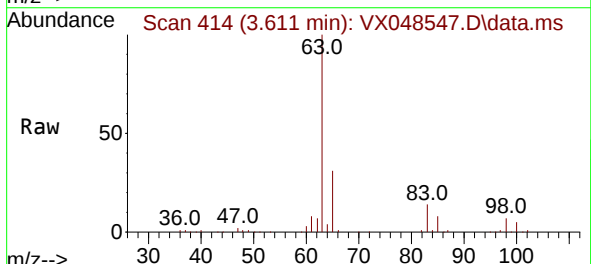
Tgt Ion: 43 Resp: 149455
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.0 13.6

Manual Integrations
 APPROVED

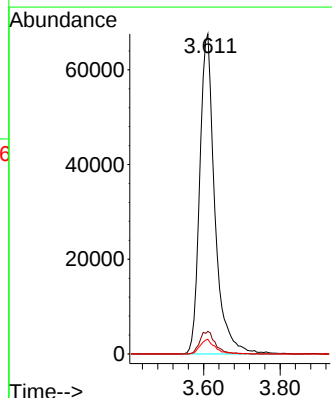
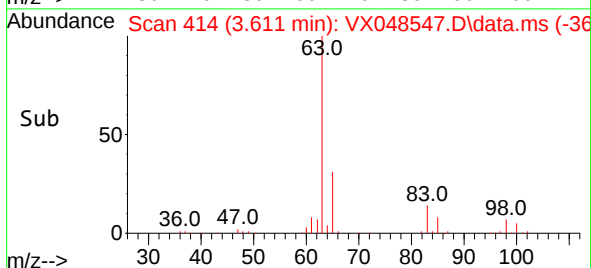
Reviewed By :John Carlone 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025

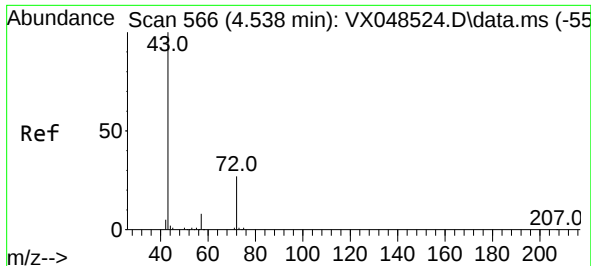


#24
 1,1-Dichloroethane
 Concen: 43.864 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX048547.D
 Acq: 10 Nov 2025 17:51



Tgt Ion: 63 Resp: 184987
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.6 2.5 7.4





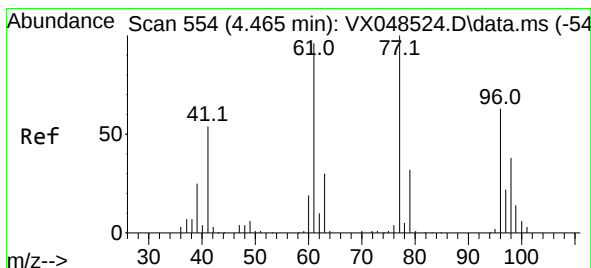
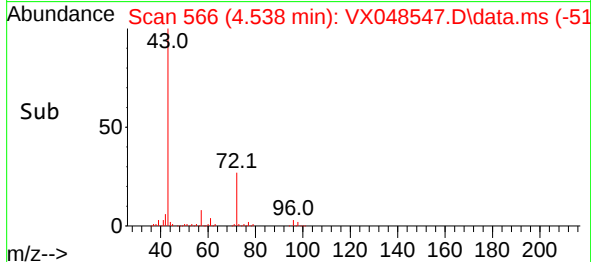
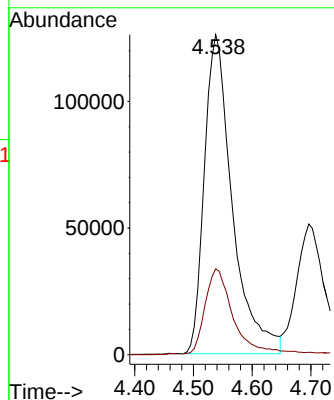
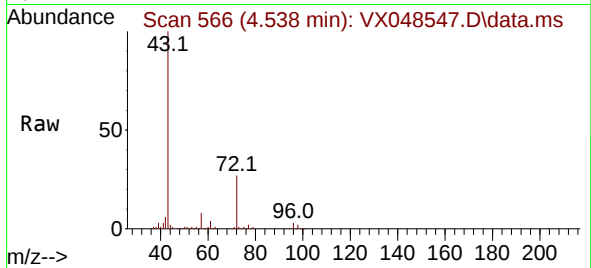
#25
2-Butanone
Concen: 231.858 ug/l
RT: 4.538 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 417804
Ion Ratio Lower Upper
43 100
72 26.6 21.5 32.3

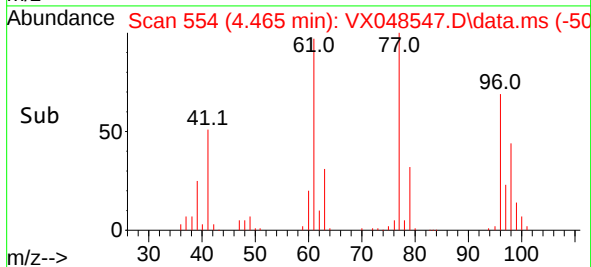
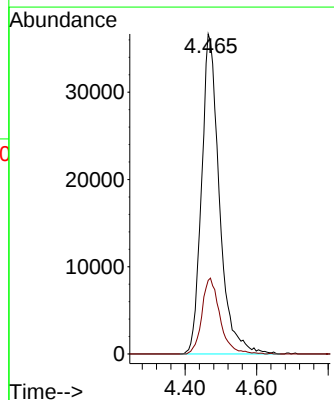
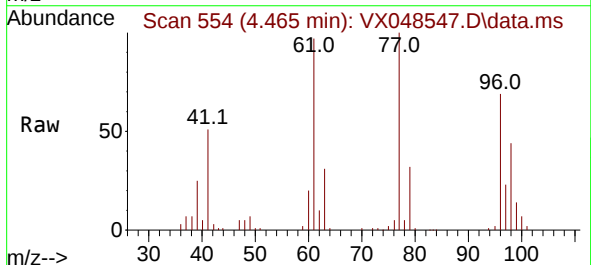
Manual Integrations
APPROVED

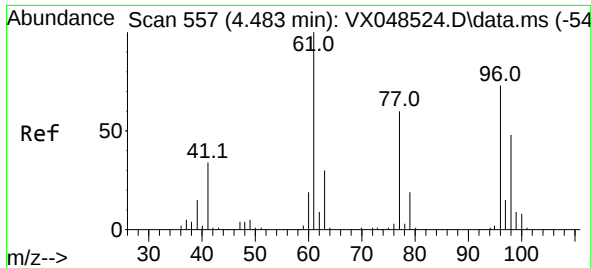
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#26
2,2-Dichloropropane
Concen: 35.355 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

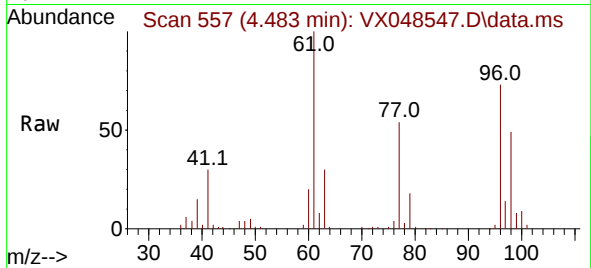
Tgt Ion: 77 Resp: 127113
Ion Ratio Lower Upper
77 100
97 23.9 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 42.644 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

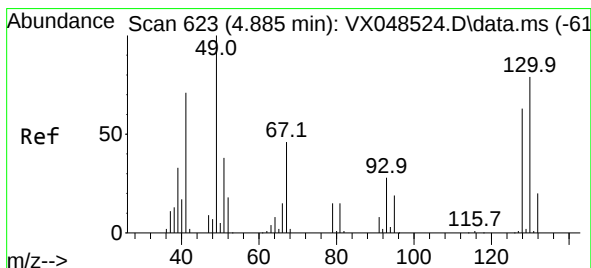
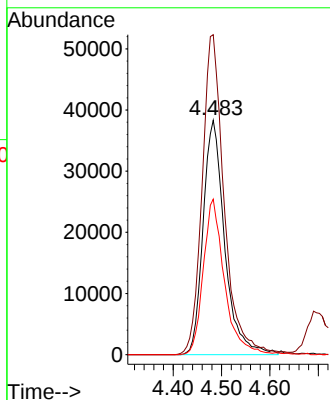
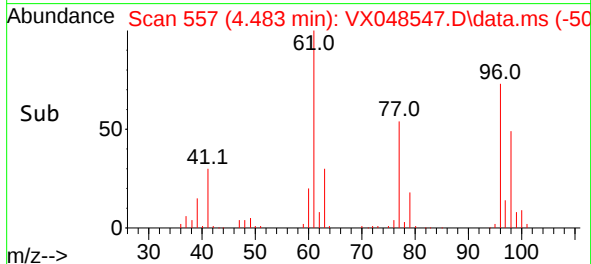
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 118772
Ion Ratio Lower Upper
96 100
61 139.7 0.0 279.6
98 65.0 0.0 128.2

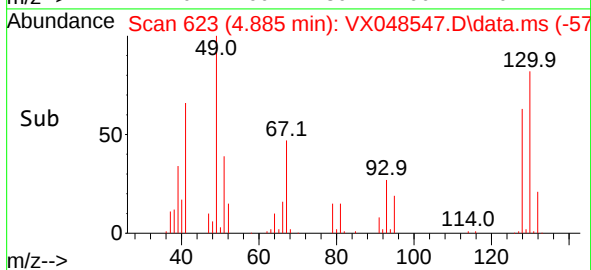
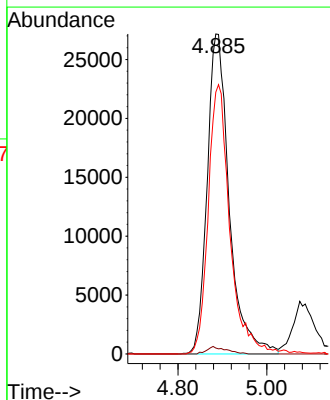
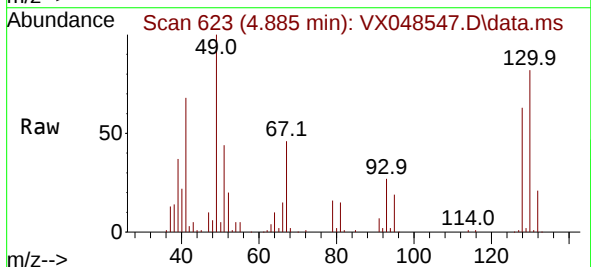
Manual Integrations
APPROVED

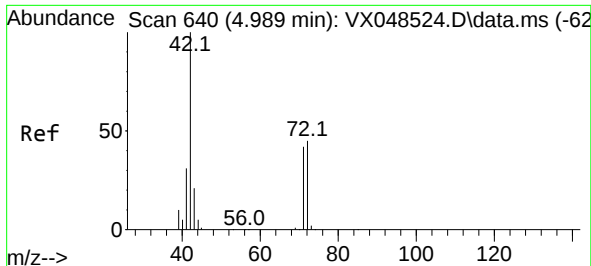
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#28
Bromochloromethane
Concen: 45.225 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

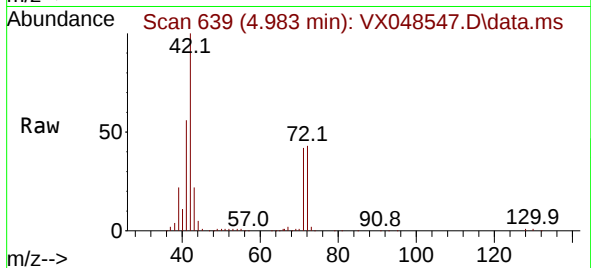
Tgt Ion: 49 Resp: 93696
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 82.2 65.9 98.9





#29
Tetrahydrofuran
Concen: 230.727 ug/l
RT: 4.983 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

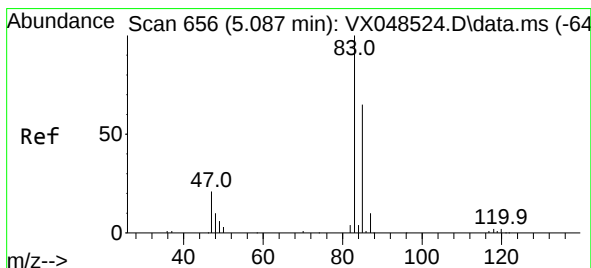
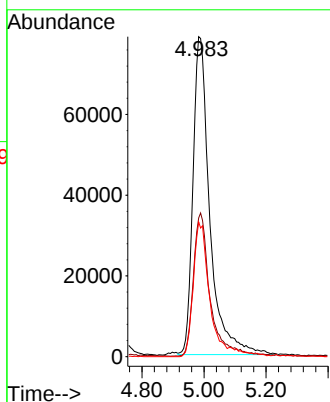
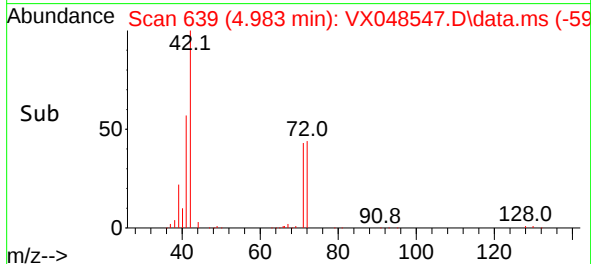
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 29653
Ion Ratio Lower Upper
42 100
72 45.0 36.3 54.5
71 42.2 34.1 51.1

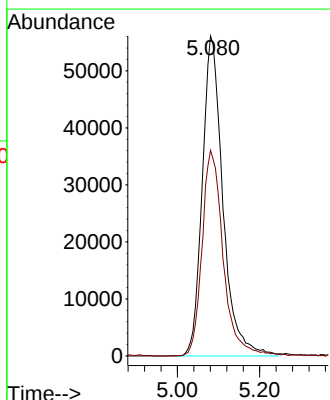
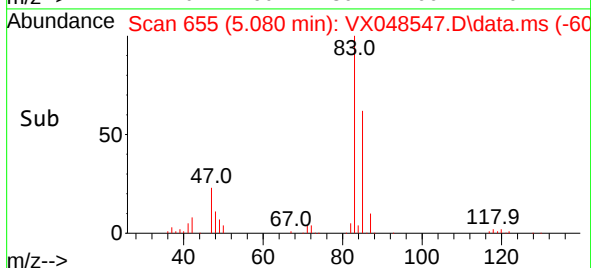
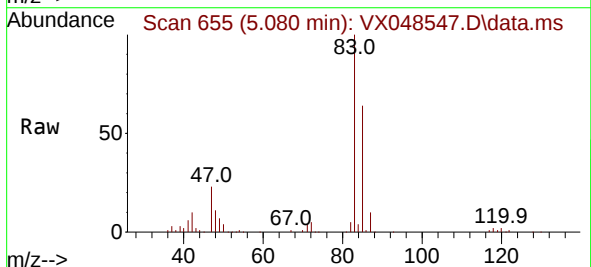
Manual Integrations
APPROVED

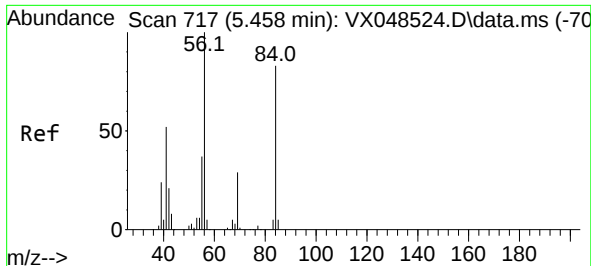
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#30
Chloroform
Concen: 44.842 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

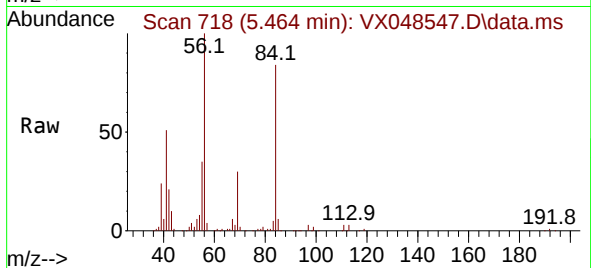
Tgt Ion: 83 Resp: 195236
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6





#31
Cyclohexane
Concen: 43.920 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

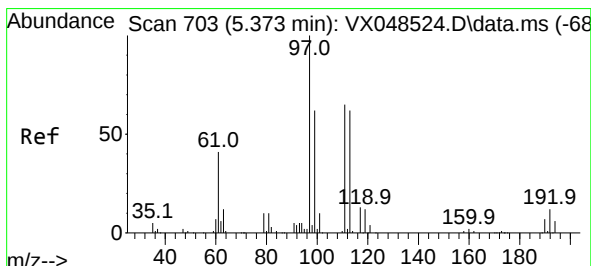
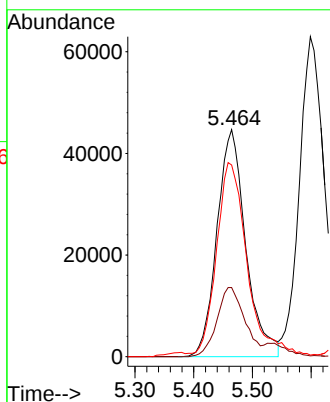
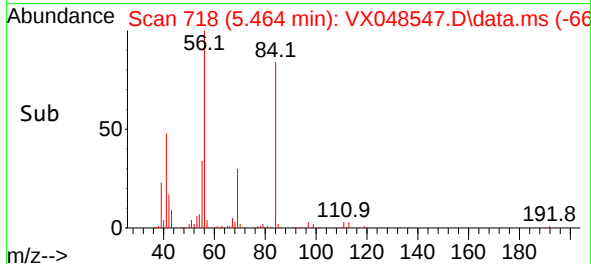
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 151760
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 82.7 66.3 99.5

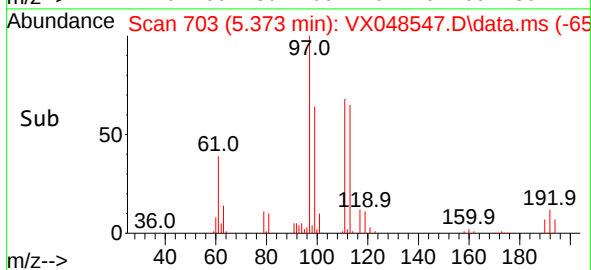
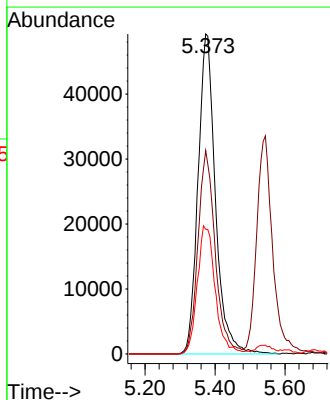
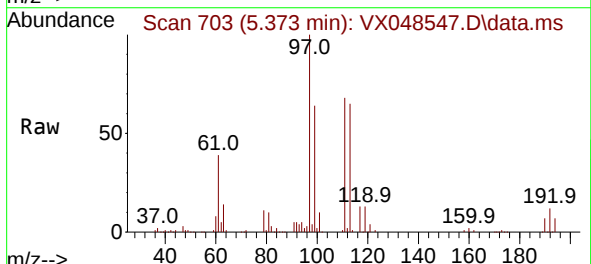
Manual Integrations
APPROVED

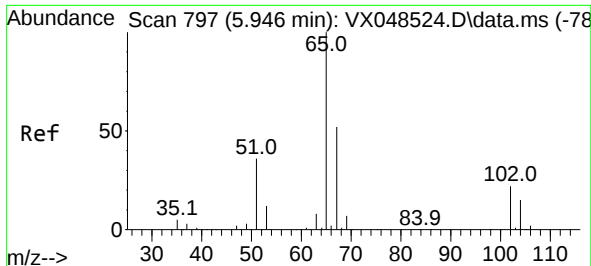
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#32
1,1,1-Trichloroethane
Concen: 44.806 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Tgt Ion: 97 Resp: 170248
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 41.1 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 50.340 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048547.D

Acq: 10 Nov 2025 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12954

Ion Ratio Lower Upper

65 100

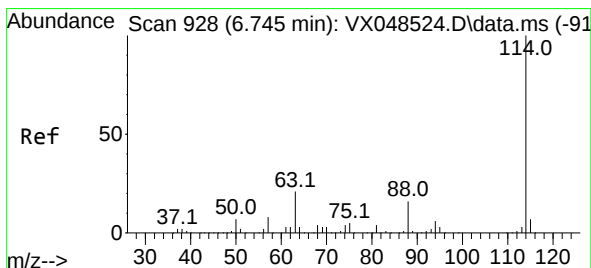
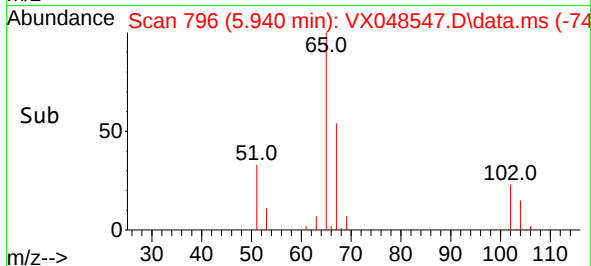
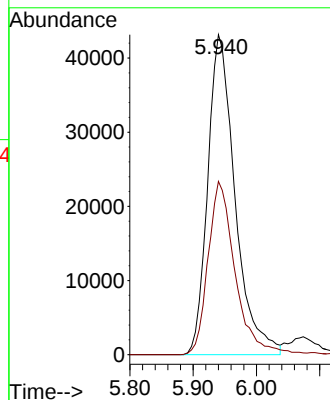
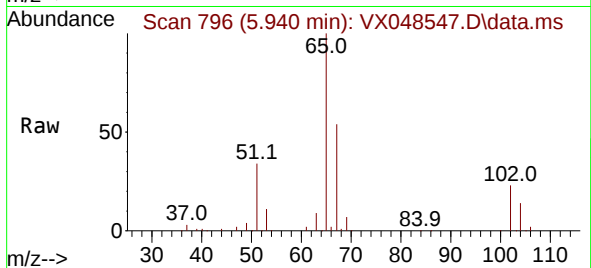
67 53.7 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048547.D

Acq: 10 Nov 2025 17:51

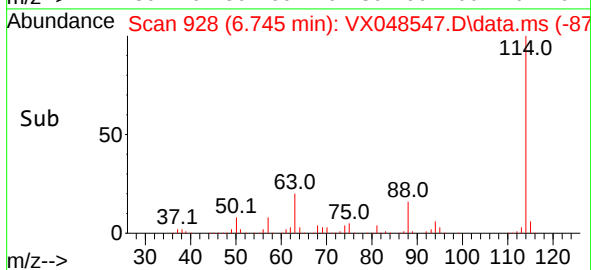
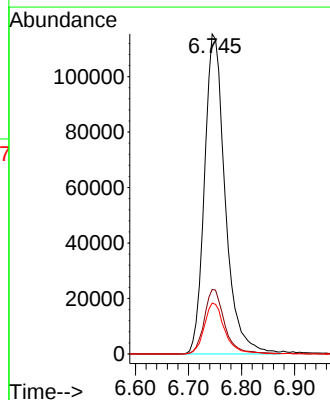
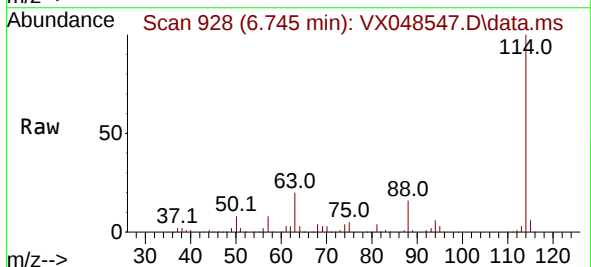
Tgt Ion:114 Resp: 313127

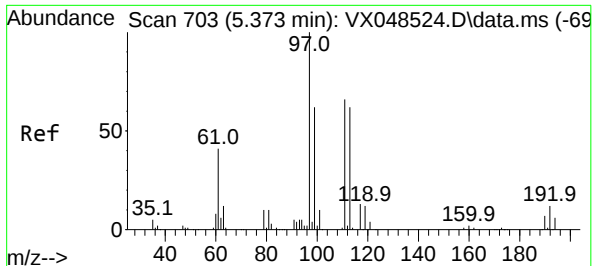
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.2

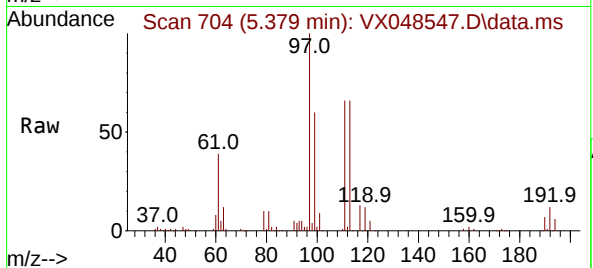
88 15.9 0.0 32.2





#35
Dibromofluoromethane
Concen: 46.534 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

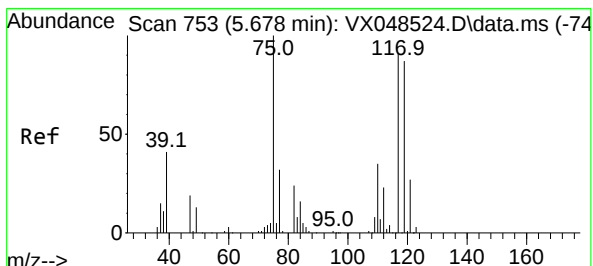
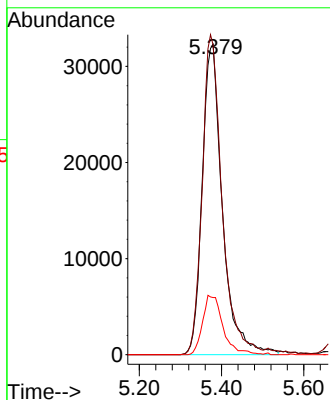
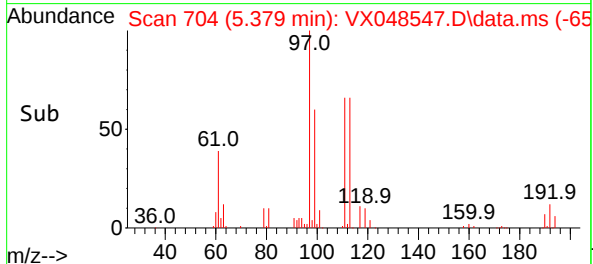
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 11028
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 19.3 15.8 23.6

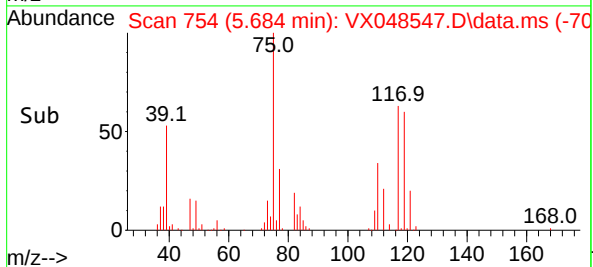
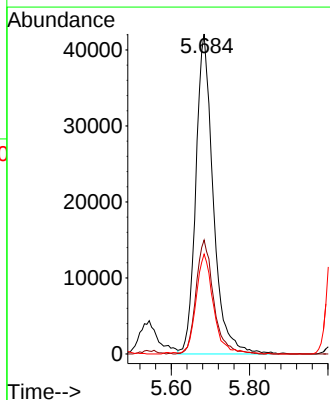
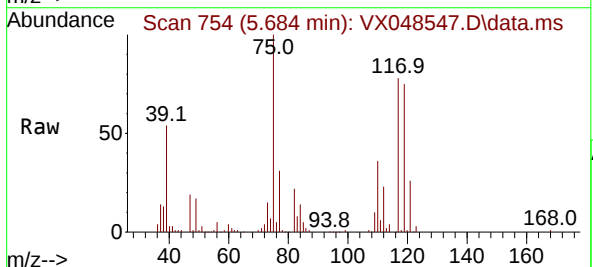
Manual Integrations
APPROVED

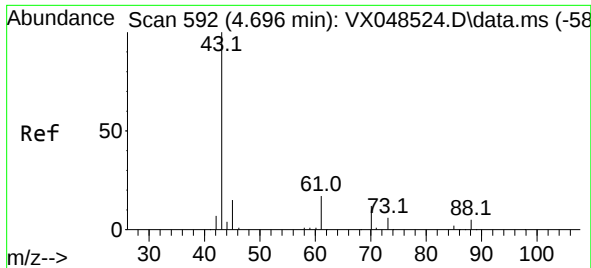
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#36
1,1-Dichloropropene
Concen: 41.062 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Tgt Ion: 75 Resp: 130308
Ion Ratio Lower Upper
75 100
110 36.0 18.4 55.4
77 31.3 24.6 37.0





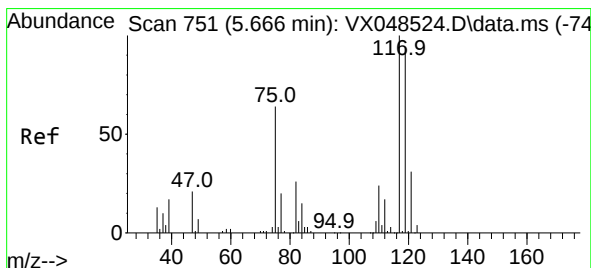
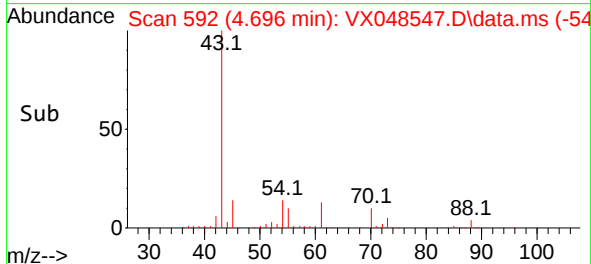
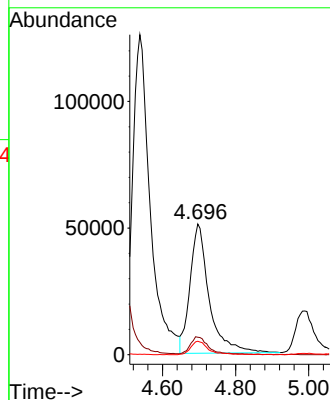
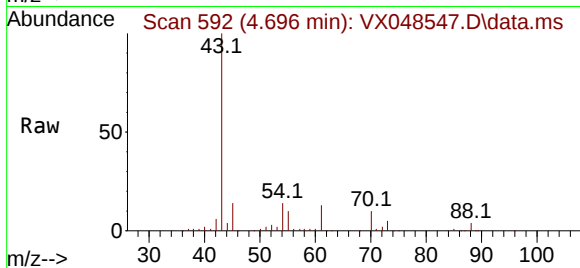
#37
Ethyl Acetate
Concen: 41.588 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 185778
Ion Ratio Lower Upper
43 100
61 13.2 9.7 14.5
70 9.6 7.7 11.5

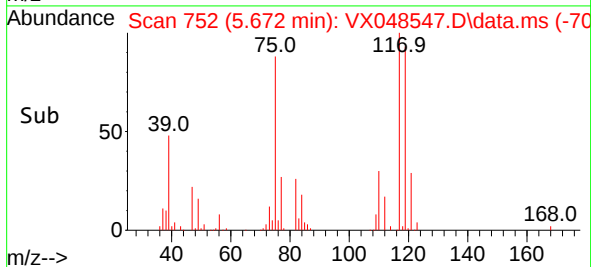
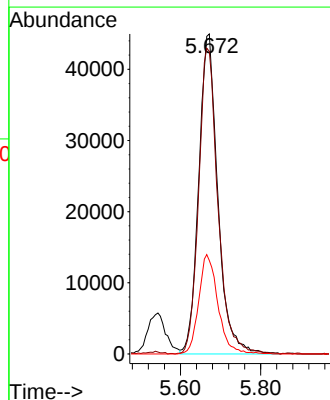
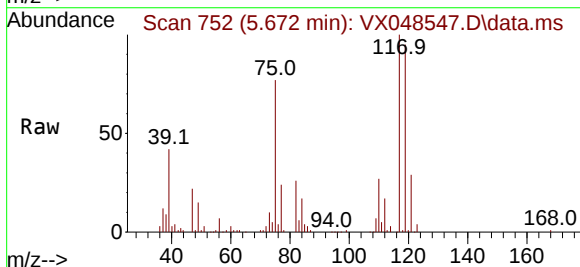
Manual Integrations
APPROVED

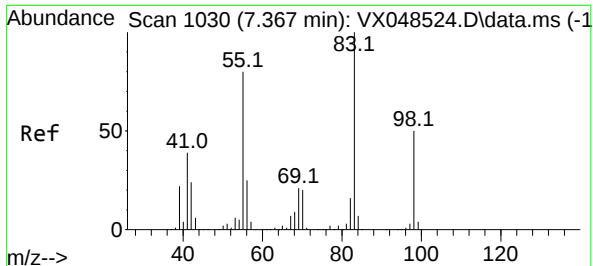
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#38
Carbon Tetrachloride
Concen: 41.202 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Tgt Ion:117 Resp: 148842
Ion Ratio Lower Upper
117 100
119 94.5 74.5 111.7
121 29.2 24.8 37.2





#39

Methylcyclohexane

Concen: 42.774 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048547.D

Acq: 10 Nov 2025 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 152414

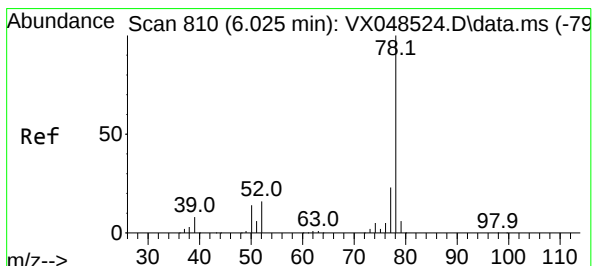
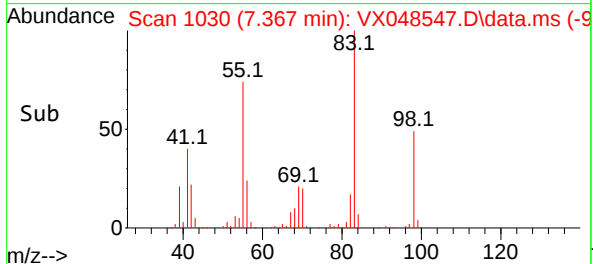
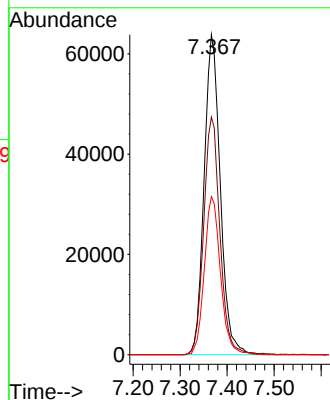
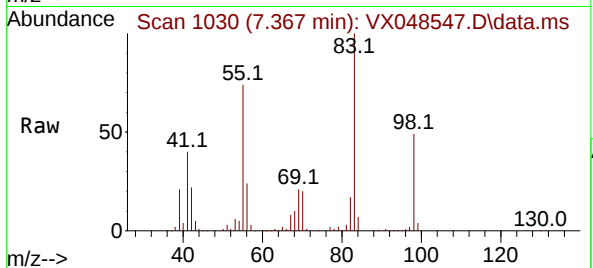
Ion	Ratio	Lower	Upper
83	100		
55	74.2	63.8	95.6
98	49.4	40.3	60.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#40

Benzene

Concen: 42.062 ug/l

RT: 6.025 min Scan# 810

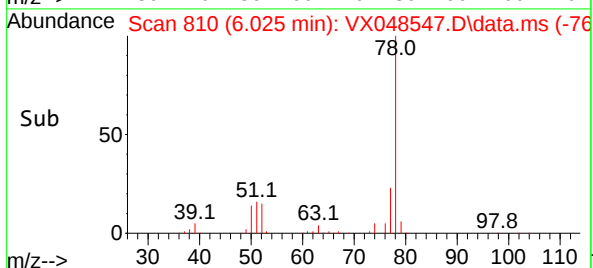
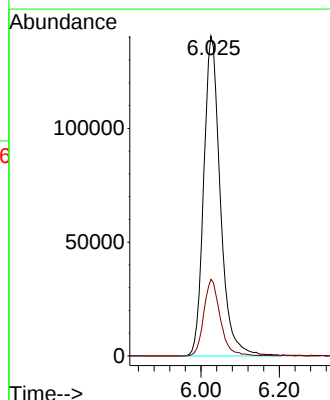
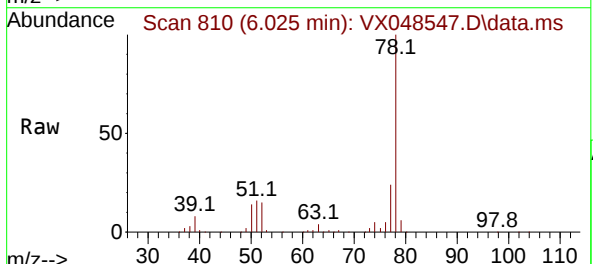
Delta R.T. -0.000 min

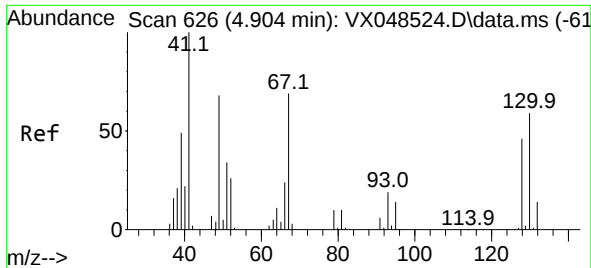
Lab File: VX048547.D

Acq: 10 Nov 2025 17:51

Tgt Ion: 78 Resp: 413765

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.3	27.5





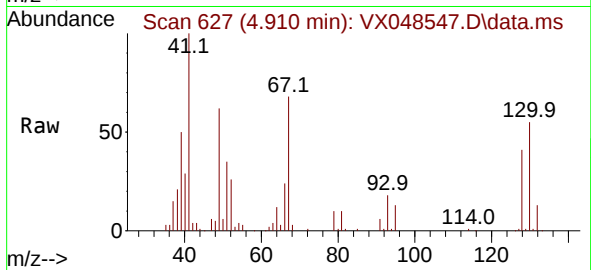
#41
Methacrylonitrile
Concen: 45.454 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



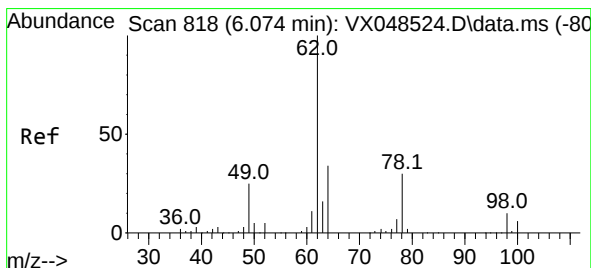
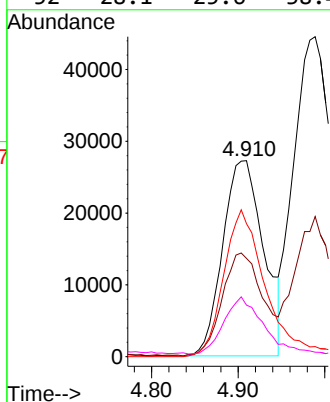
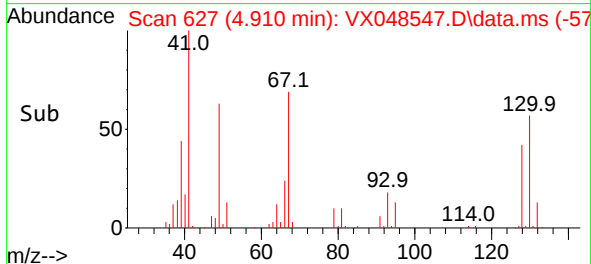
Tgt Ion: 41 Resp: 8929
Ion Ratio Lower Upper
41 100
39 52.7 41.1 61.7
67 77.4 64.2 96.2
52 28.1 25.6 38.4

Manual Integrations

APPROVED

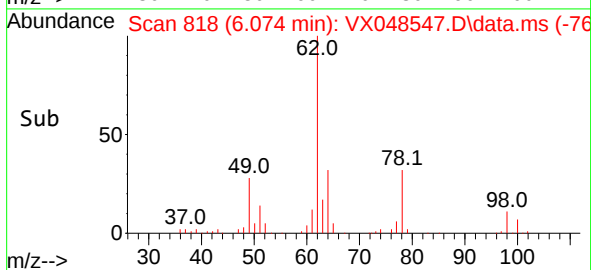
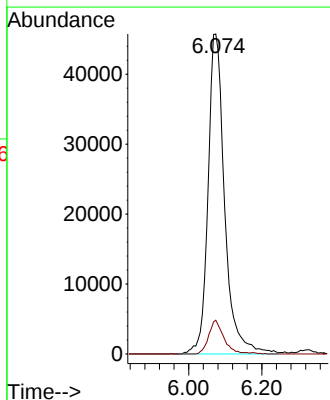
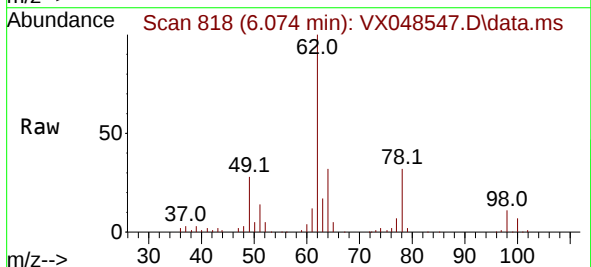
Reviewed By :John Carlone 11/11/2025

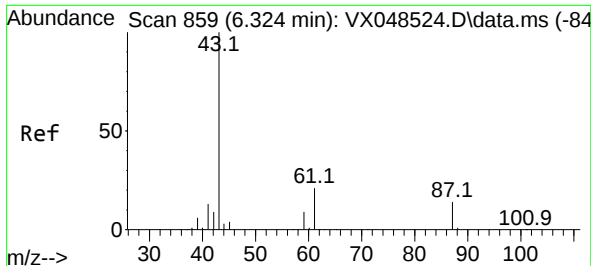
Supervised By :Semsettin Yesilyurt 11/11/2025



#42
1,2-Dichloroethane
Concen: 42.779 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

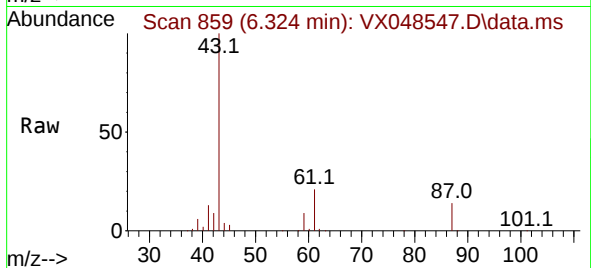
Tgt Ion: 62 Resp: 144185
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43
Isopropyl Acetate
Concen: 42.496 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

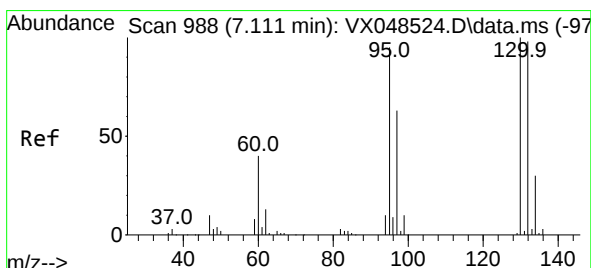
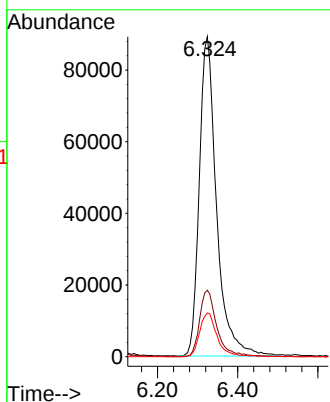
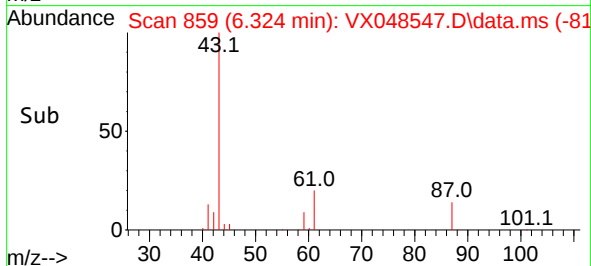
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



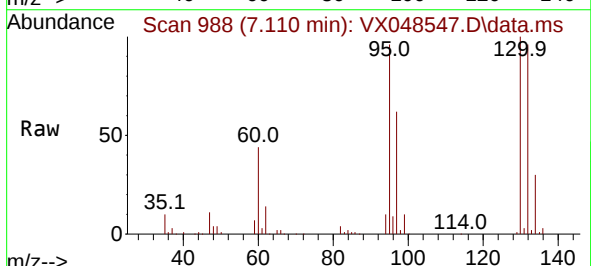
Tgt Ion: 43 Resp: 26684
Ion Ratio Lower Upper
43 100
61 20.9 16.2 24.4
87 13.8 10.9 16.3

Manual Integrations
APPROVED

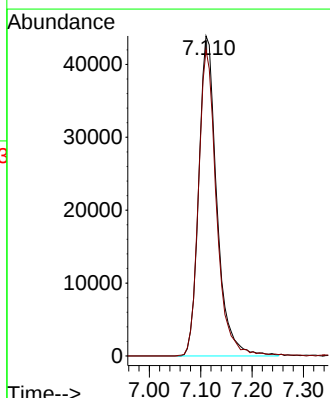
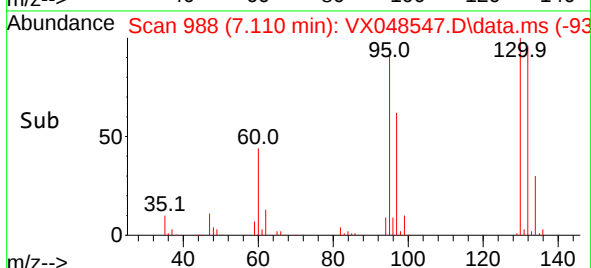
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

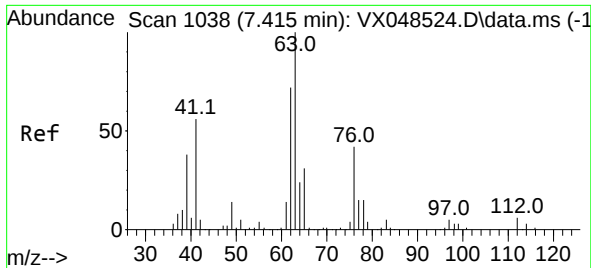


#44
Trichloroethene
Concen: 45.533 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51



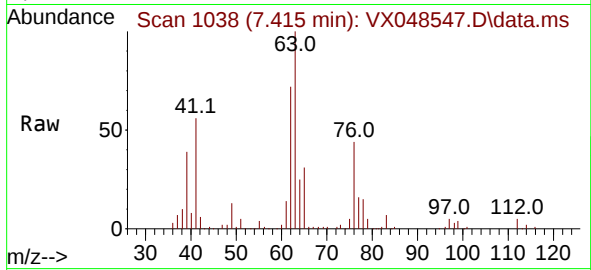
Tgt Ion:130 Resp: 107063
Ion Ratio Lower Upper
130 100
95 95.5 0.0 190.2





#45
1,2-Dichloropropane
Concen: 46.196 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

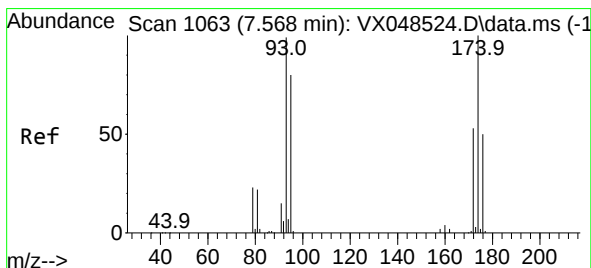
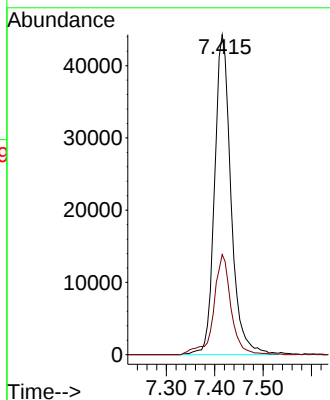
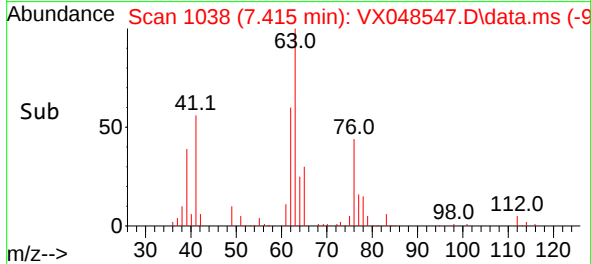
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 104488
Ion Ratio Lower Upper
63 100
65 31.3 24.9 37.3

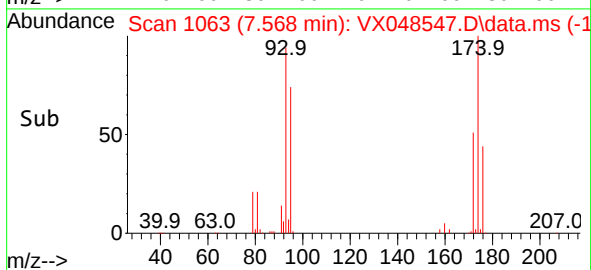
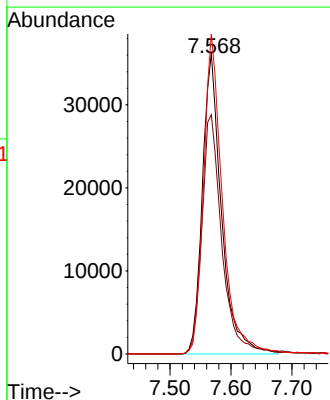
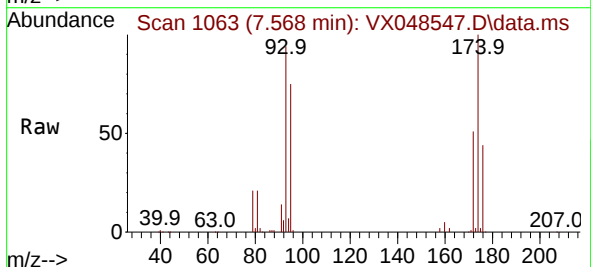
Manual Integrations
APPROVED

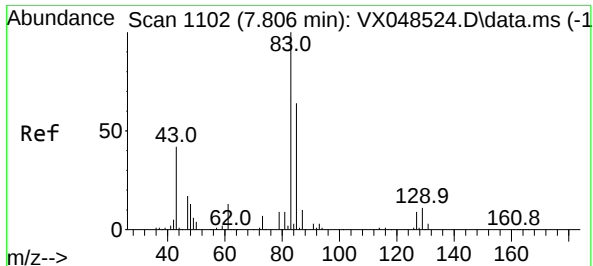
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#46
Dibromomethane
Concen: 47.755 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Tgt Ion: 93 Resp: 78782
Ion Ratio Lower Upper
93 100
95 82.9 67.6 101.4
174 105.2 83.0 124.6





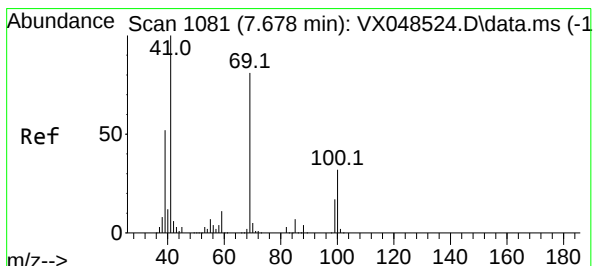
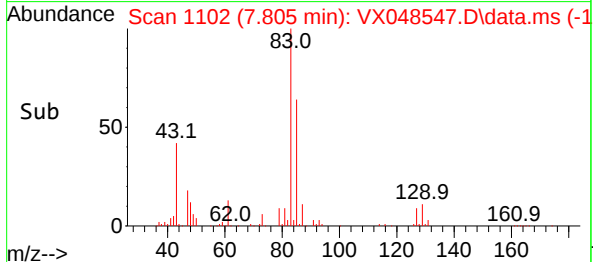
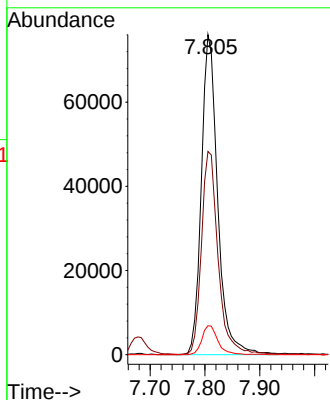
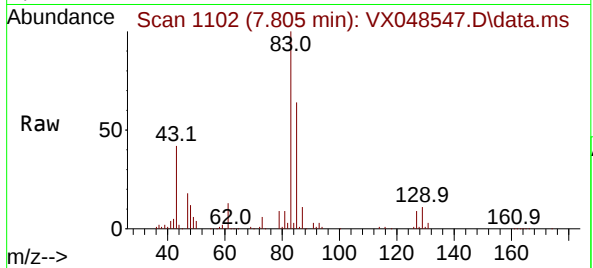
#47
Bromodichloromethane
Concen: 47.712 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 157023
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0
127 9.1 7.0 10.4

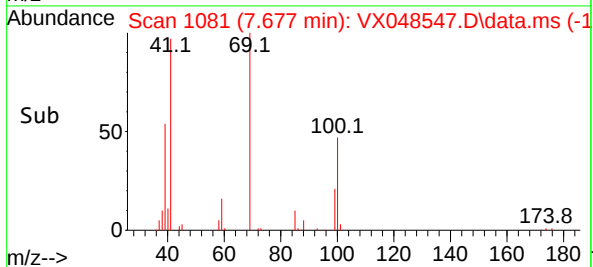
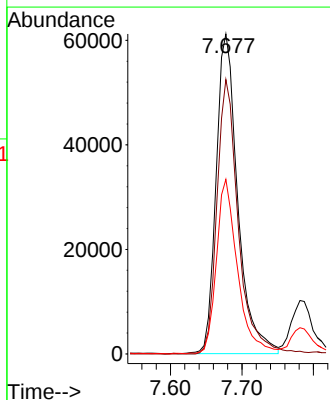
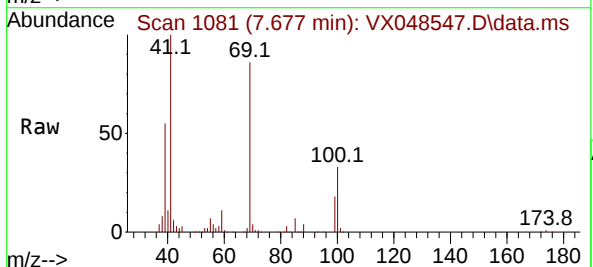
Manual Integrations
APPROVED

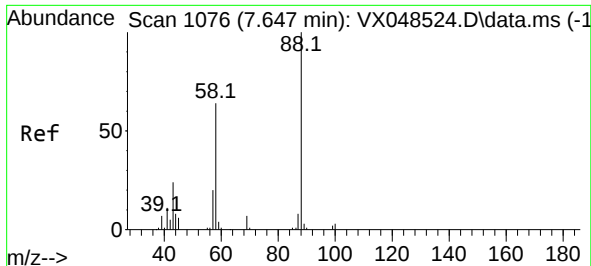
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#48
Methyl methacrylate
Concen: 46.059 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

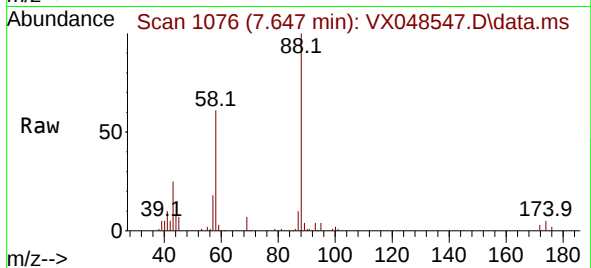
Tgt Ion: 41 Resp: 128569
Ion Ratio Lower Upper
41 100
69 84.9 67.9 101.9
39 53.1 42.2 63.2





#49
1,4-Dioxane
Concen: 846.147 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

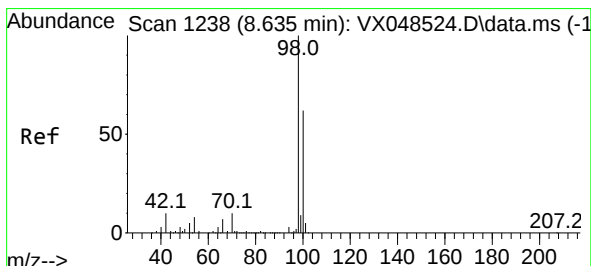
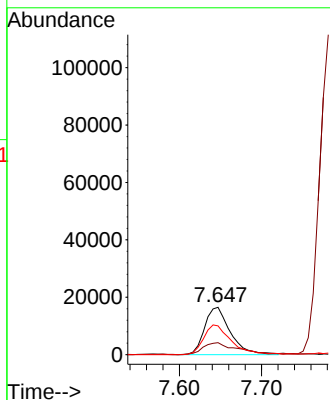
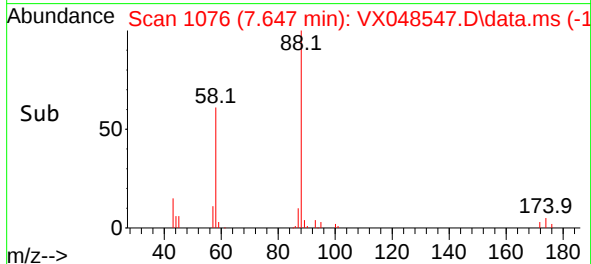
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 35990
Ion Ratio Lower Upper
88 100
43 33.8 25.1 37.7
58 68.3 56.7 85.1

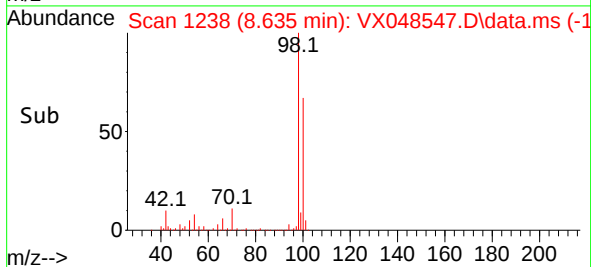
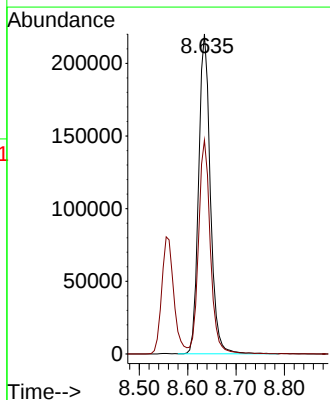
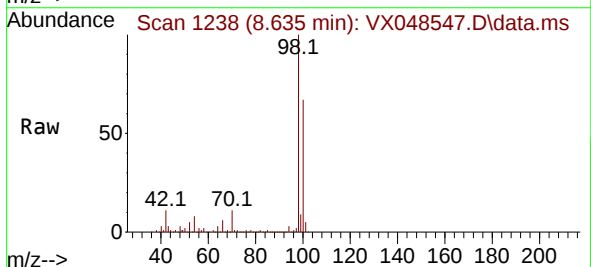
Manual Integrations
APPROVED

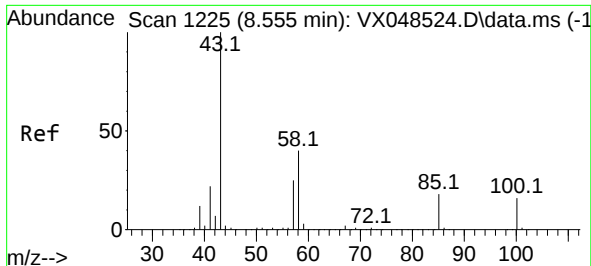
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#50
Toluene-d8
Concen: 49.997 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

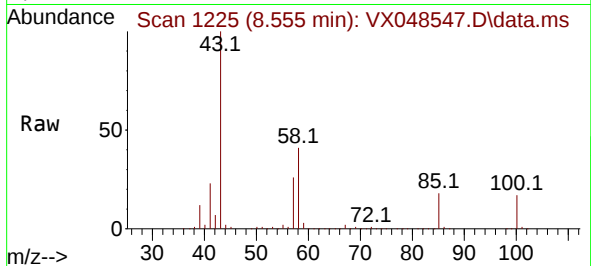
Tgt Ion: 98 Resp: 369552
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 239.154 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

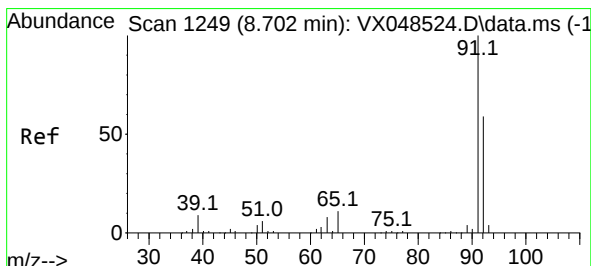
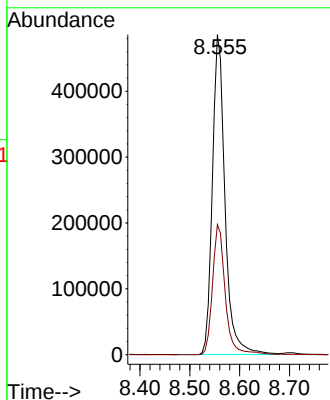
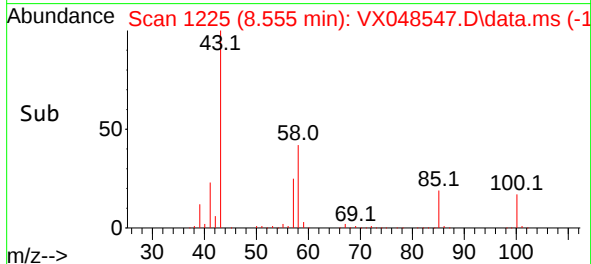
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 854832
Ion Ratio Lower Upper
43 100
58 41.2 32.3 48.5

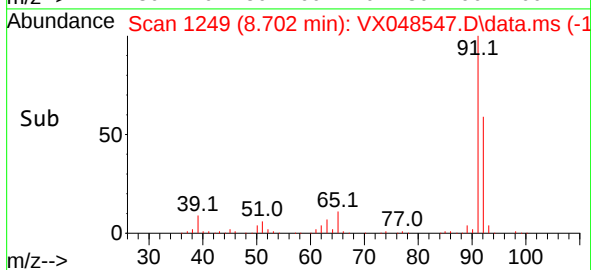
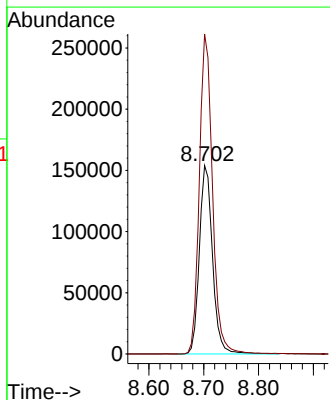
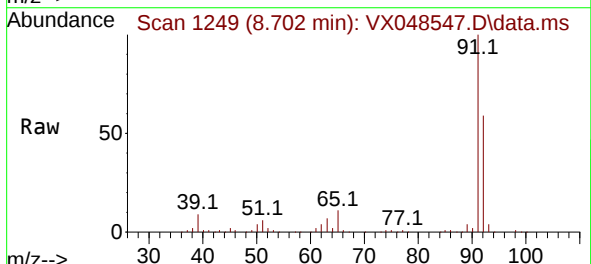
Manual Integrations
APPROVED

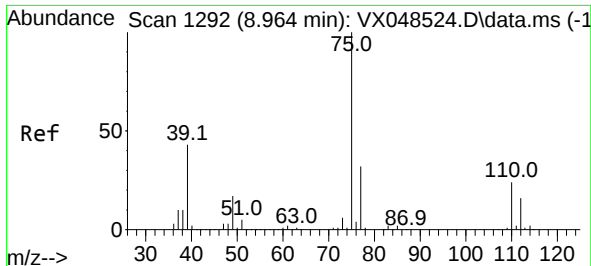
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#52
Toluene
Concen: 49.699 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Tgt Ion: 92 Resp: 257391
Ion Ratio Lower Upper
92 100
91 169.7 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 46.042 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048547.D

Acq: 10 Nov 2025 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 156130

Ion Ratio Lower Upper

75 100

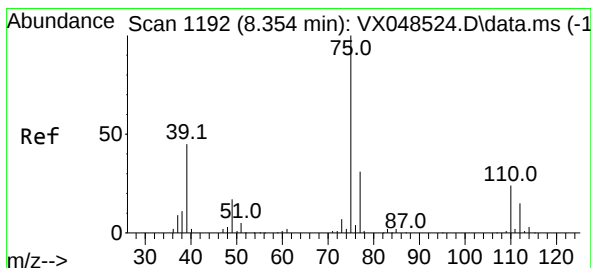
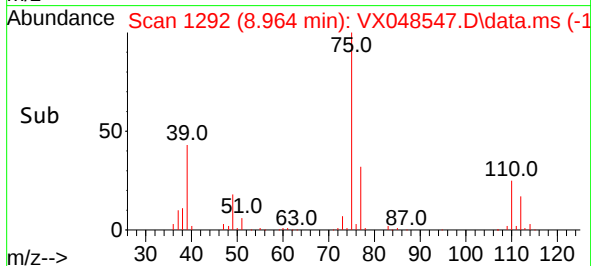
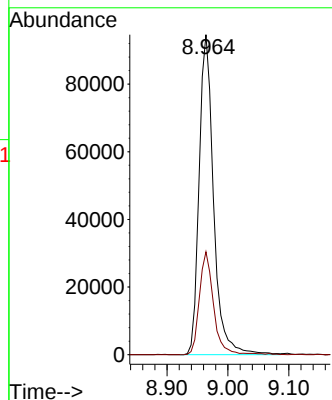
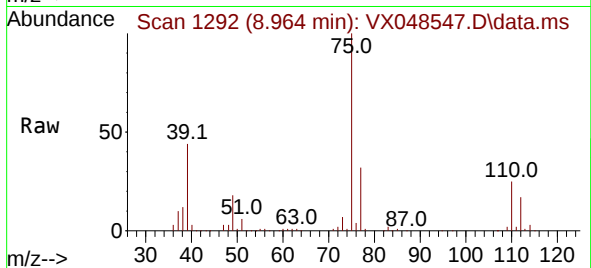
77 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#54

cis-1,3-Dichloropropene

Concen: 47.981 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048547.D

Acq: 10 Nov 2025 17:51

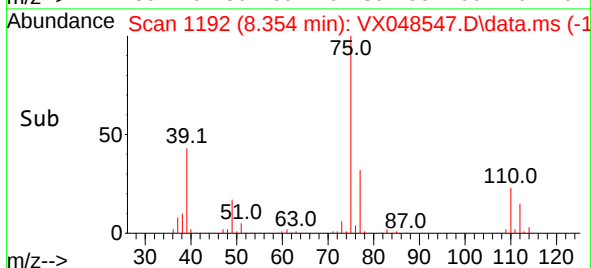
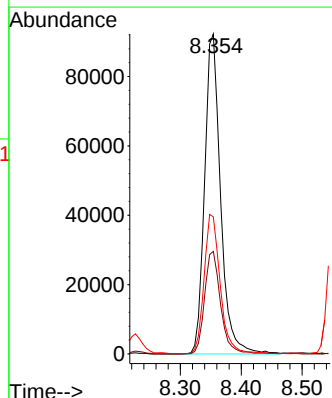
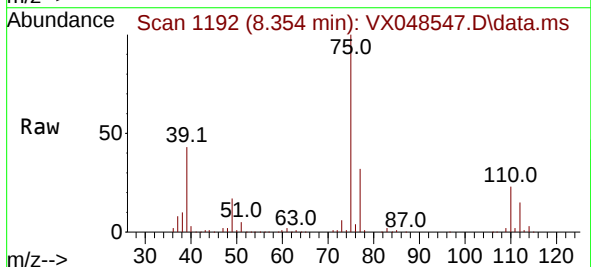
Tgt Ion: 75 Resp: 168481

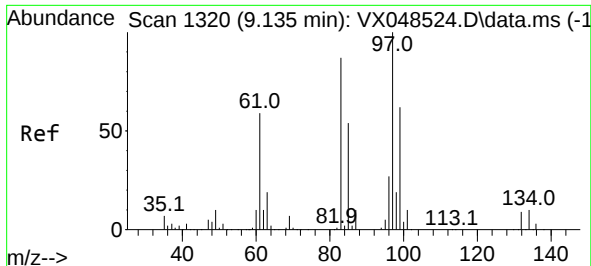
Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1

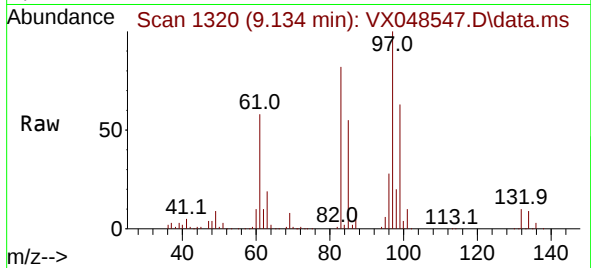
39 42.7 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 50.890 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

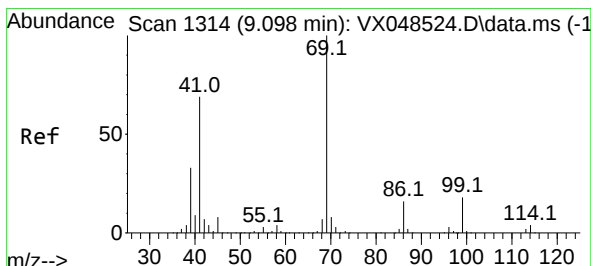
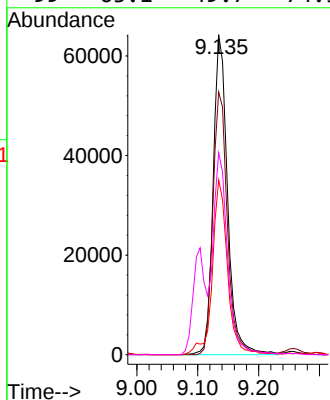
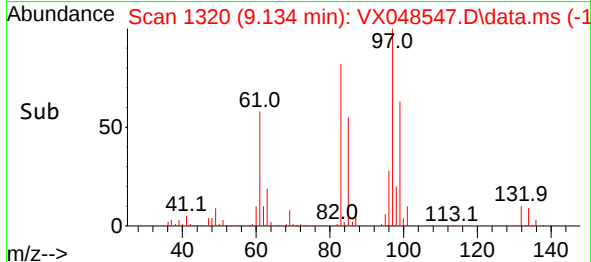
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



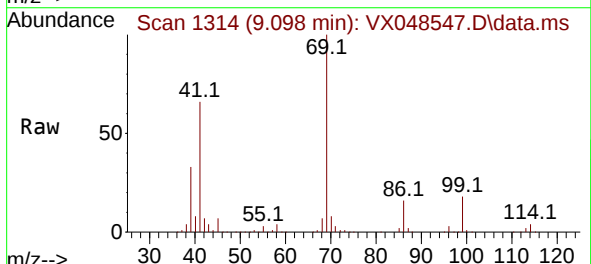
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	69.2	103.8
85	54.6	42.8	64.2
99	63.1	49.7	74.5

Manual Integrations
APPROVED

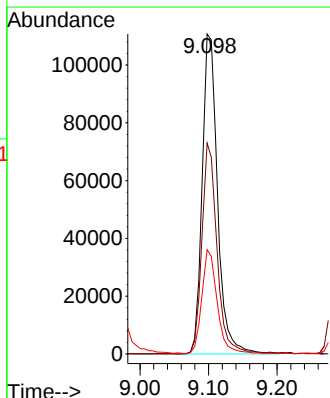
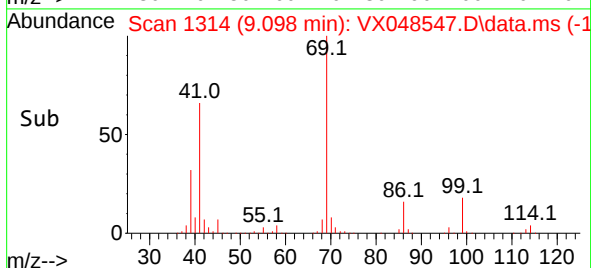
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

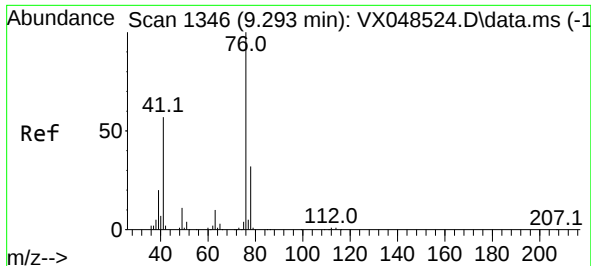


#56
Ethyl methacrylate
Concen: 50.260 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51



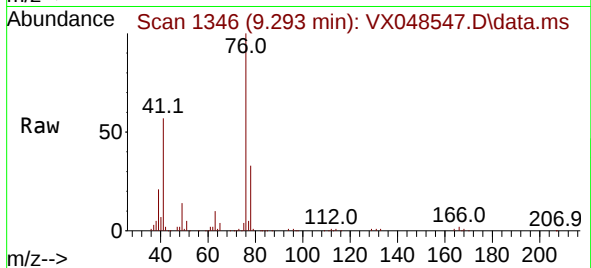
Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.3	53.3	79.9
39	32.2	26.1	39.1





#57
1,3-Dichloropropane
Concen: 48.727 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

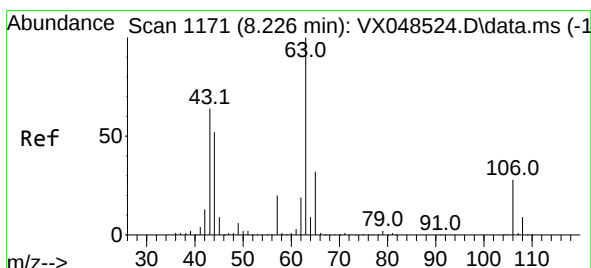
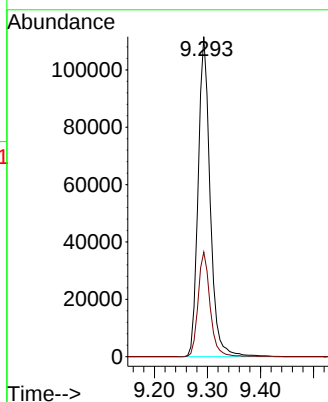
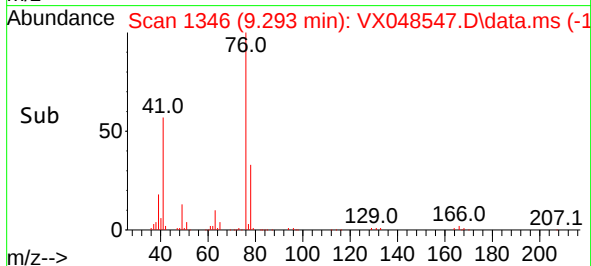
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 175494
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.2

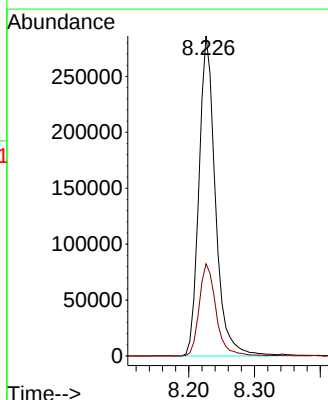
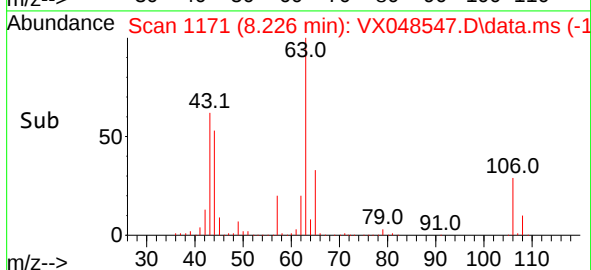
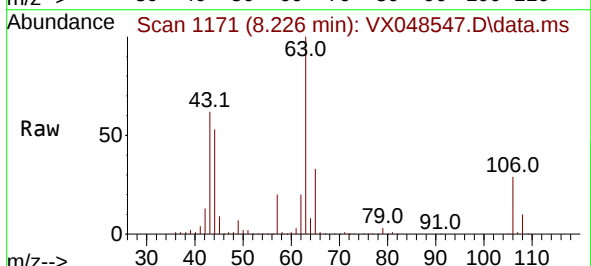
Manual Integrations
APPROVED

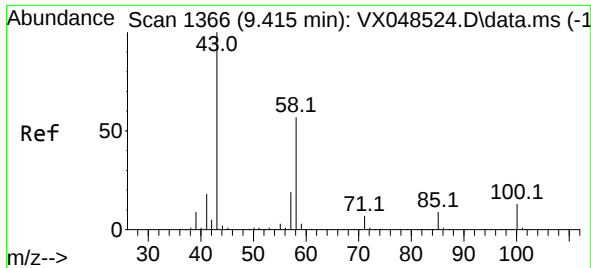
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#58
2-Chloroethyl Vinyl ether
Concen: 268.844 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

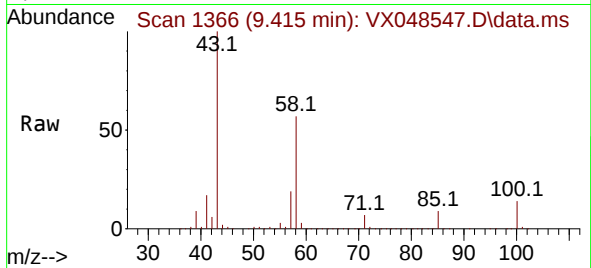
Tgt Ion: 63 Resp: 497586
Ion Ratio Lower Upper
63 100
106 29.6 23.0 34.4





#59
2-Hexanone
Concen: 240.073 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

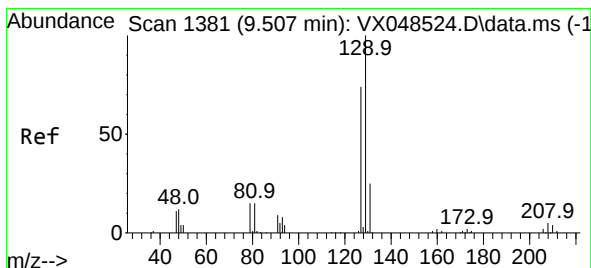
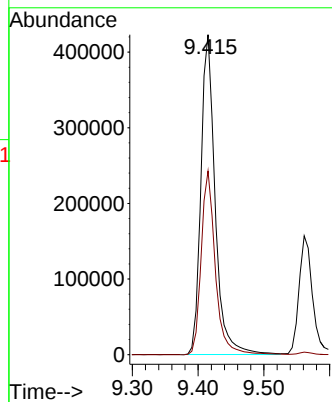
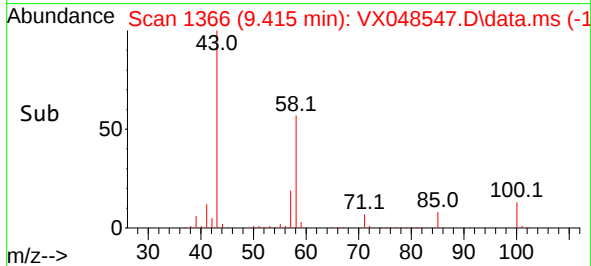
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 638318
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.2

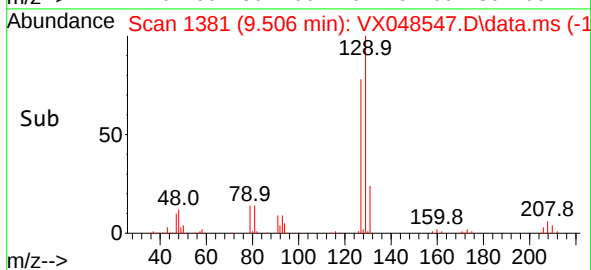
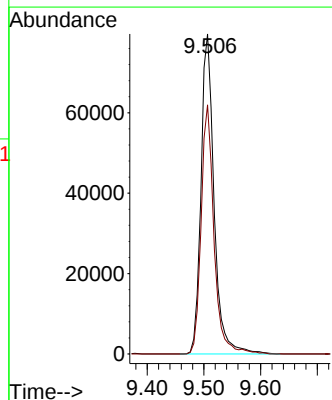
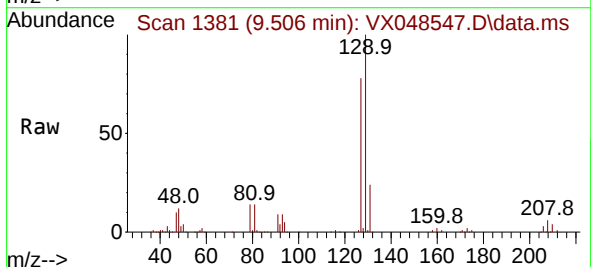
Manual Integrations
APPROVED

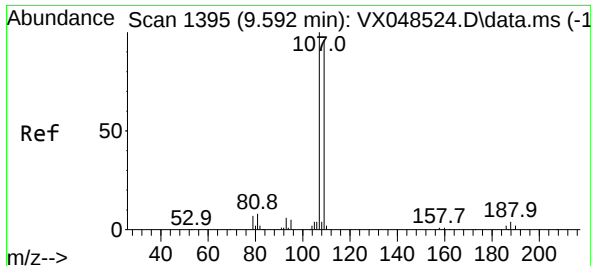
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#60
Dibromochloromethane
Concen: 50.246 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

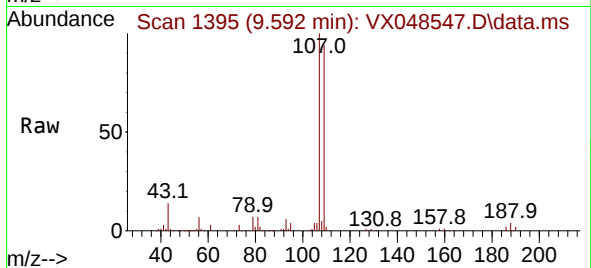
Tgt Ion:129 Resp: 127651
Ion Ratio Lower Upper
129 100
127 76.5 38.0 114.0





#61
1,2-Dibromoethane
Concen: 50.036 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

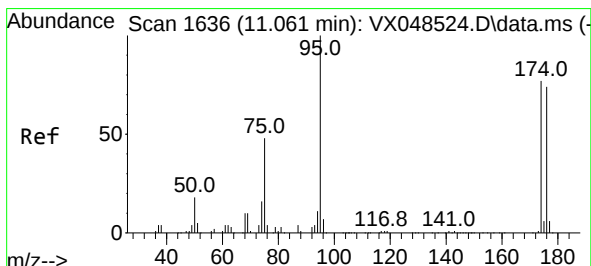
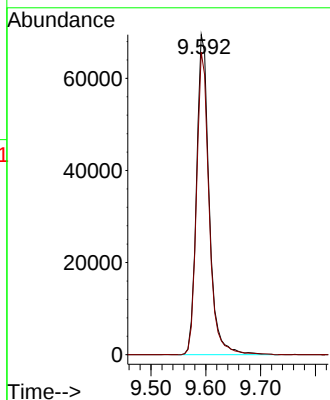
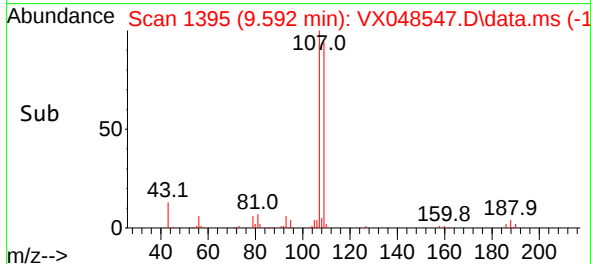
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 112138
Ion Ratio Lower Upper
107 100
109 93.7 75.3 112.9

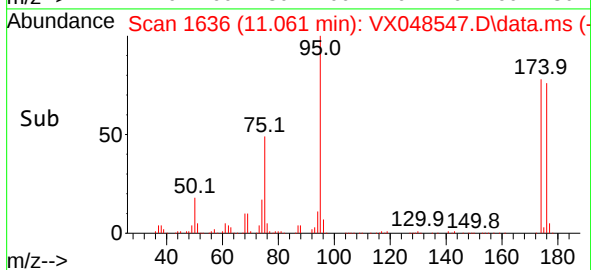
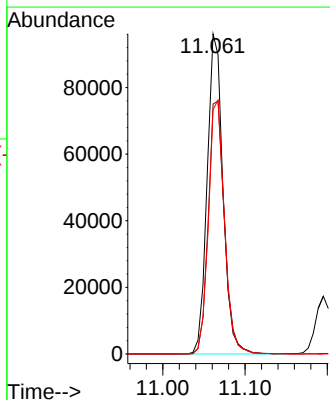
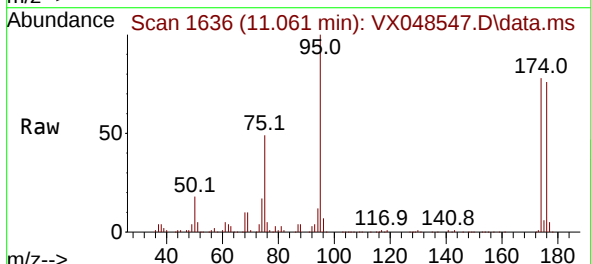
Manual Integrations
APPROVED

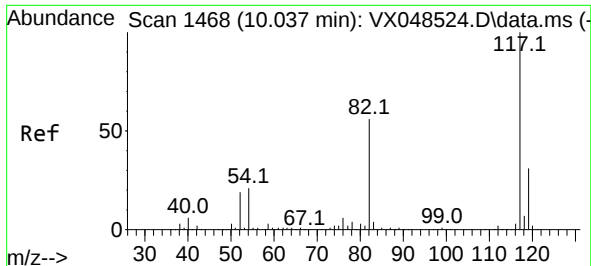
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#62
4-Bromofluorobenzene
Concen: 46.575 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

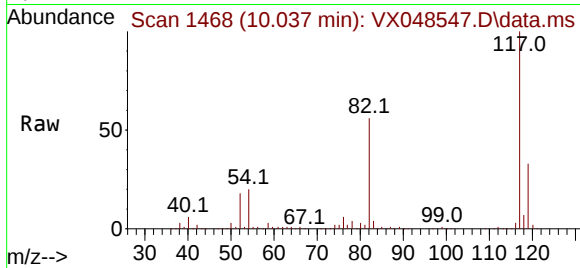
Tgt Ion: 95 Resp: 128293
Ion Ratio Lower Upper
95 100
174 80.9 0.0 161.8
176 80.2 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

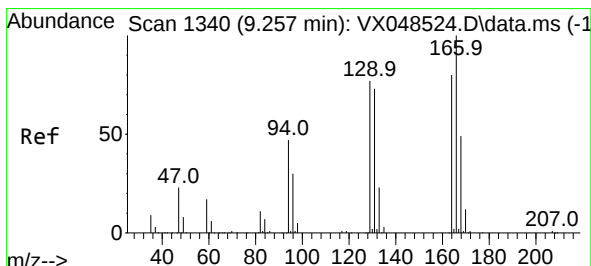
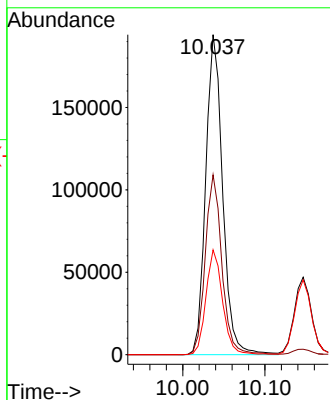
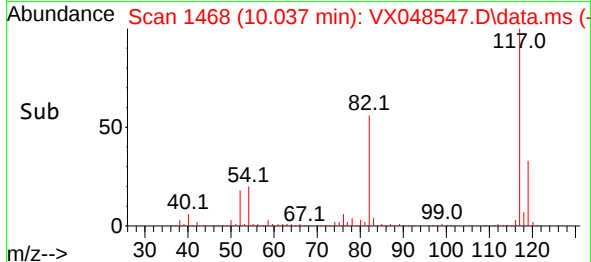
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 27776
Ion Ratio Lower Upper
117 100
82 56.2 44.4 66.6
119 32.7 25.1 37.7

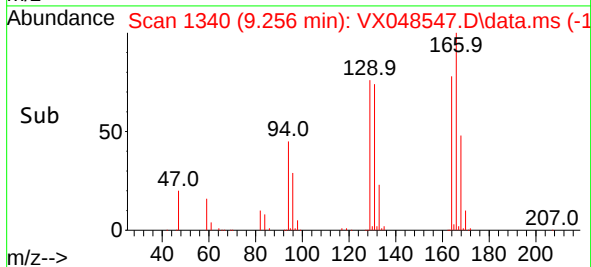
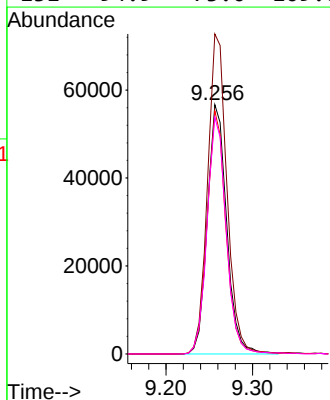
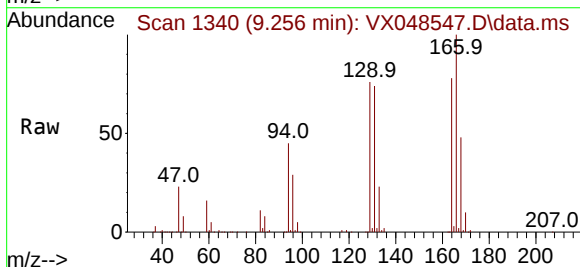
Manual Integrations
APPROVED

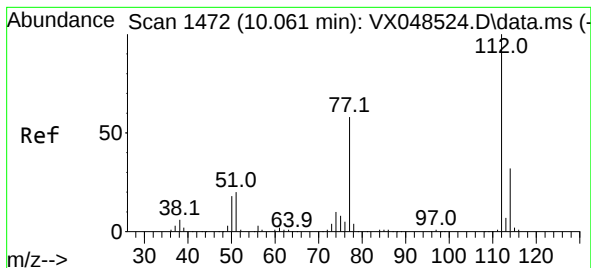
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#64
Tetrachloroethene
Concen: 43.586 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Tgt Ion:164 Resp: 87934
Ion Ratio Lower Upper
164 100
166 128.3 100.6 150.8
129 97.5 77.6 116.4
131 94.9 73.0 109.6





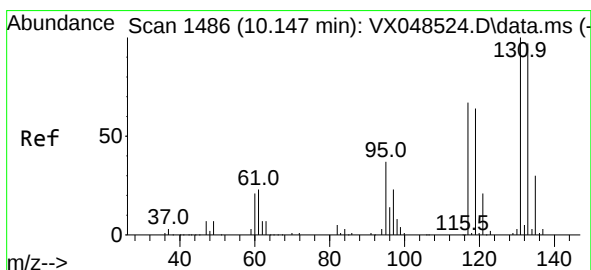
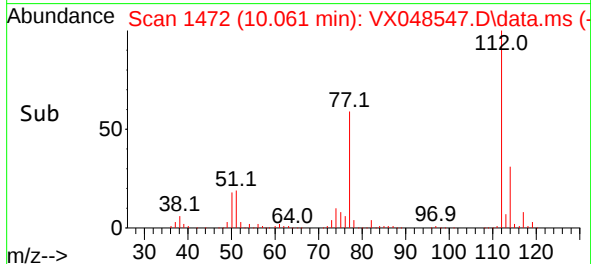
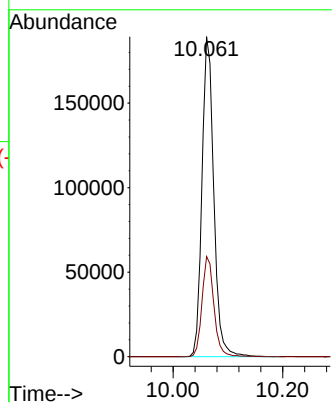
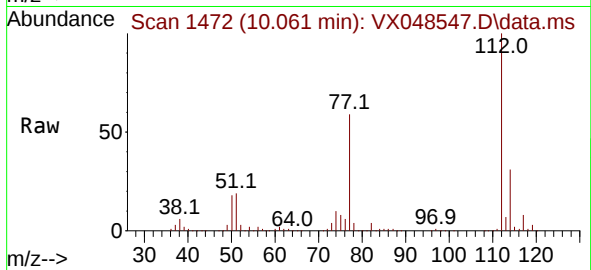
#65
Chlorobenzene
Concen: 42.903 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 282852
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3

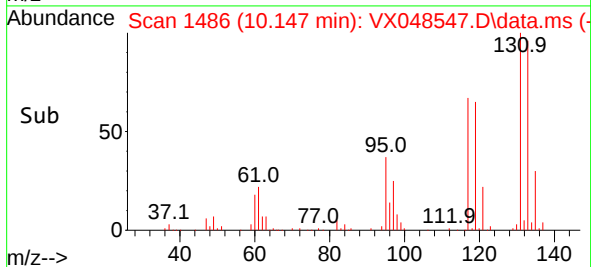
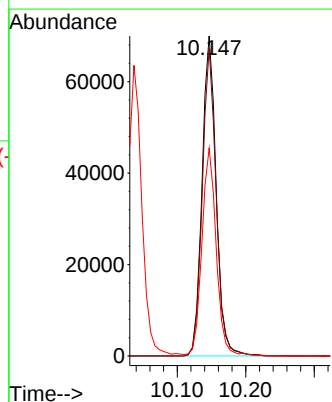
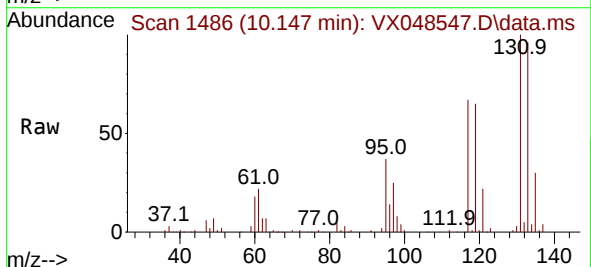
Manual Integrations
APPROVED

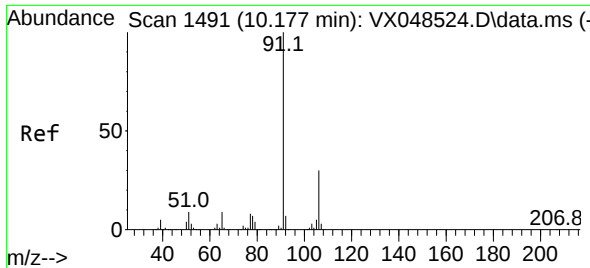
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 45.419 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

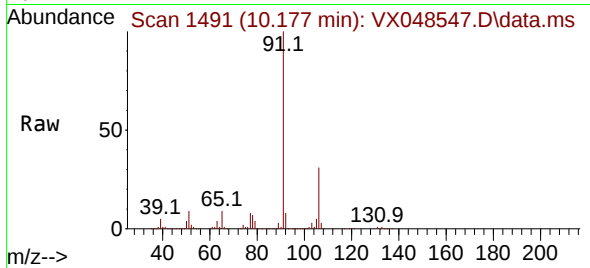
Tgt Ion:131 Resp: 100332
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 66.0 32.8 98.3





#67
Ethyl Benzene
Concen: 42.587 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

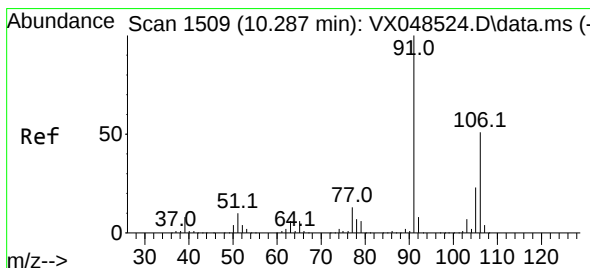
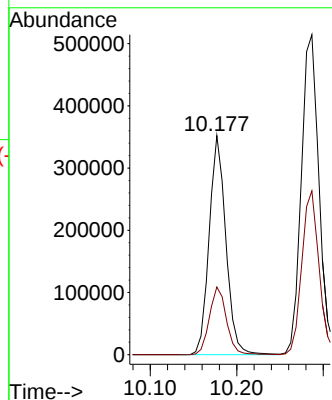
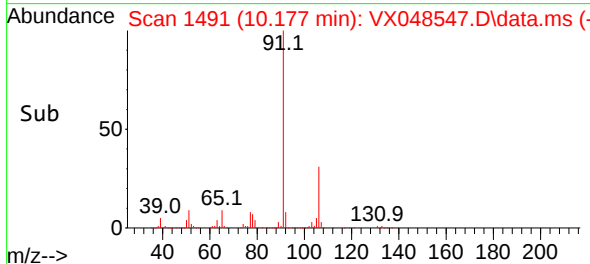
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



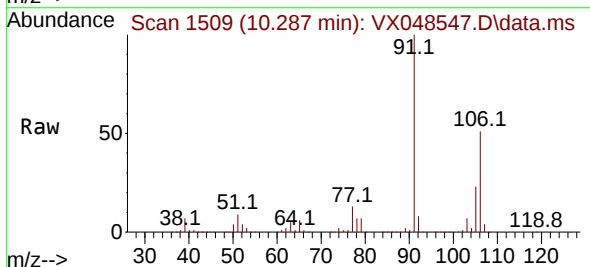
Tgt Ion: 91 Resp: 471470
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1

Manual Integrations
APPROVED

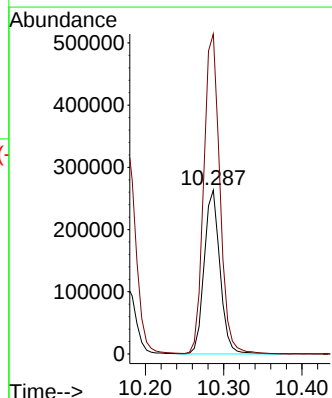
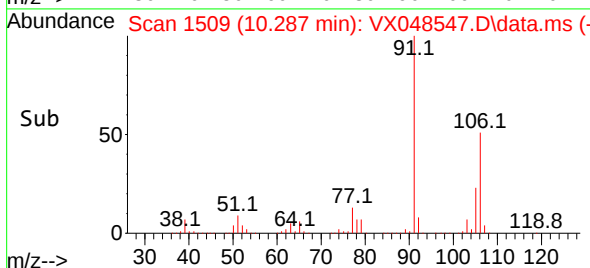
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

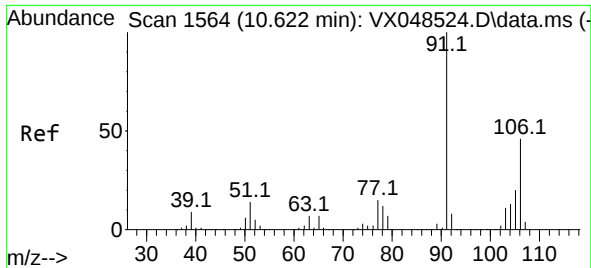


#68
m/p-Xylenes
Concen: 88.207 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51



Tgt Ion:106 Resp: 367782
Ion Ratio Lower Upper
106 100
91 199.9 159.6 239.4





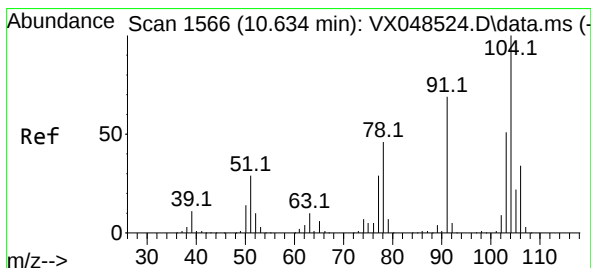
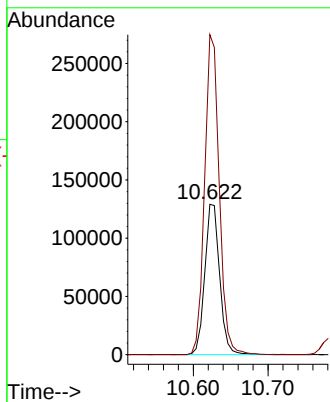
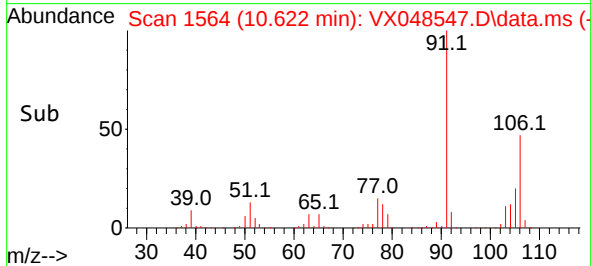
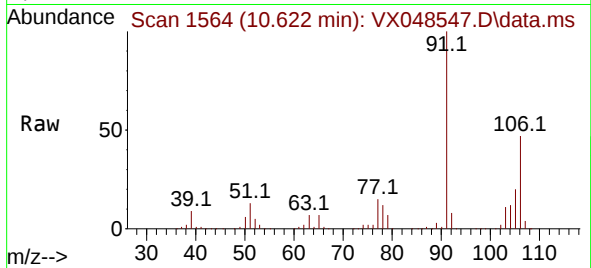
#69
o-Xylene
Concen: 43.701 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 178274
Ion Ratio Lower Upper
106 100
91 209.2 106.4 319.2

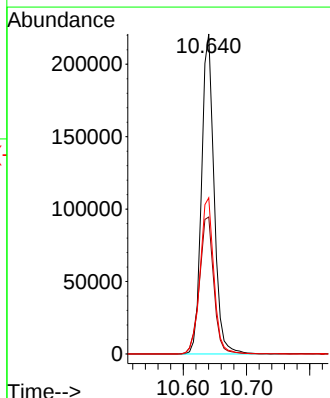
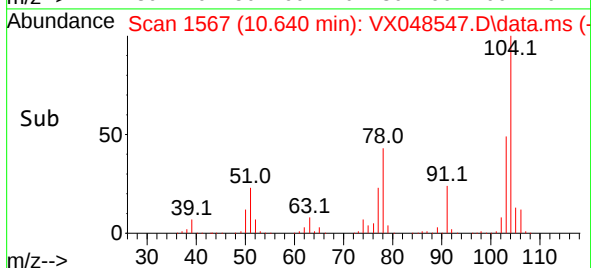
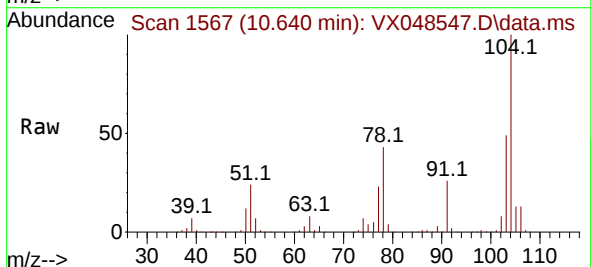
Manual Integrations
APPROVED

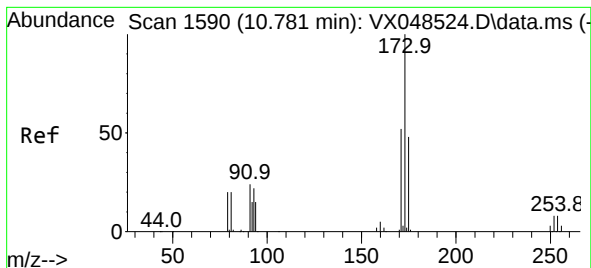
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#70
Styrene
Concen: 44.662 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

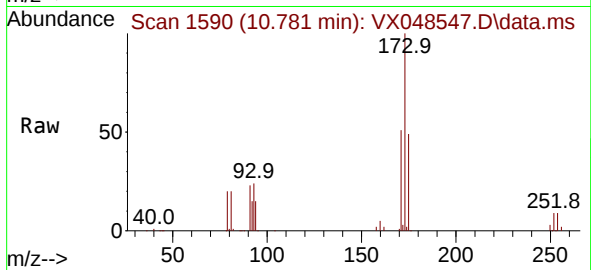
Tgt Ion:104 Resp: 305630
Ion Ratio Lower Upper
104 100
78 48.9 39.4 59.2
103 53.8 43.1 64.7





#71
Bromoform
Concen: 44.077 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

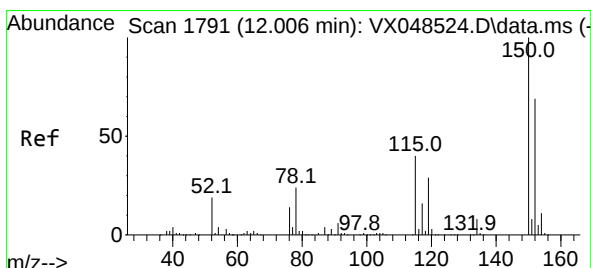
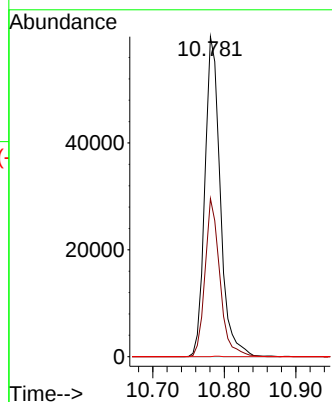
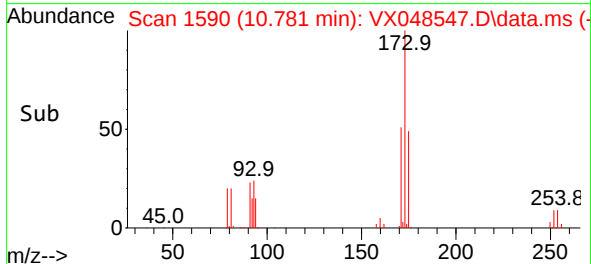
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 89828
Ion Ratio Lower Upper
173 100
175 47.5 24.4 73.4
254 0.1 0.1 0.1

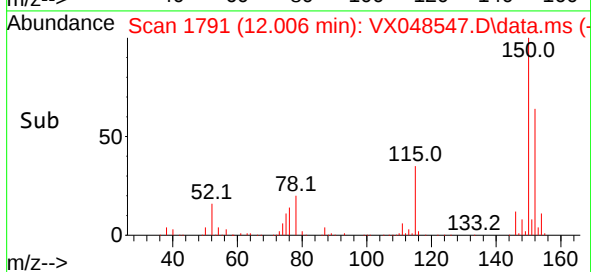
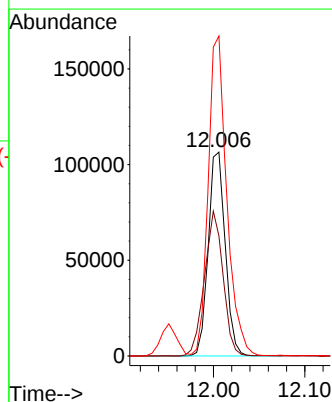
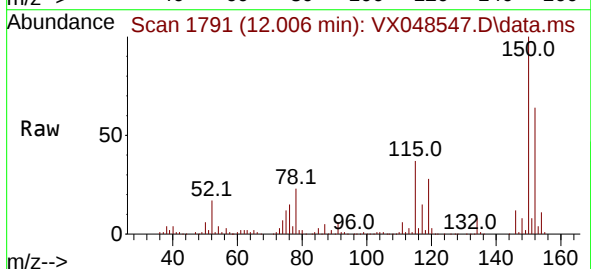
Manual Integrations
APPROVED

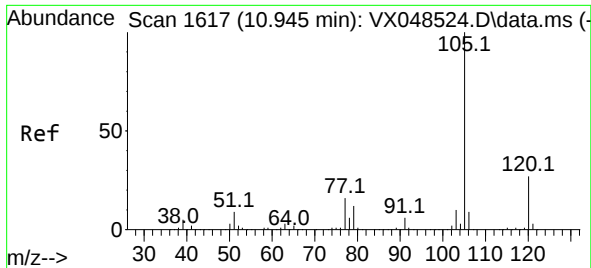
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

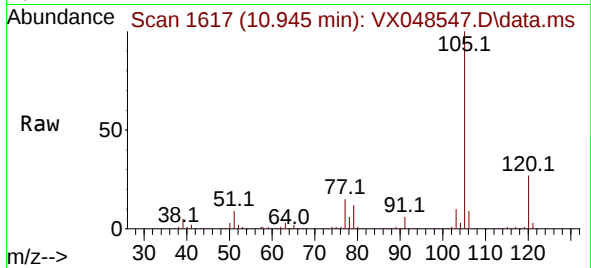
Tgt Ion:152 Resp: 137163
Ion Ratio Lower Upper
152 100
115 78.1 39.2 117.6
150 171.2 0.0 347.0





#73
Isopropylbenzene
Concen: 41.986 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

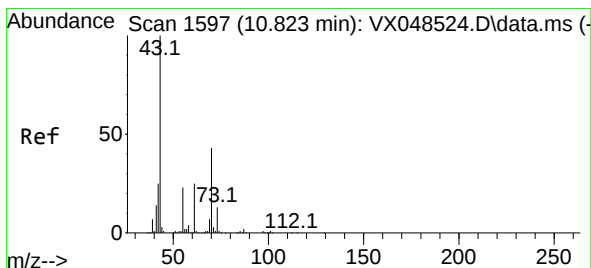
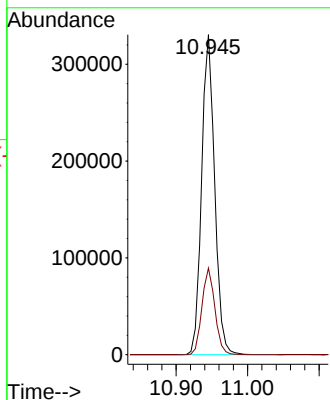
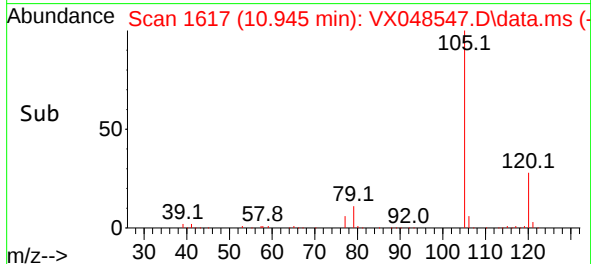
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 418020
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.7

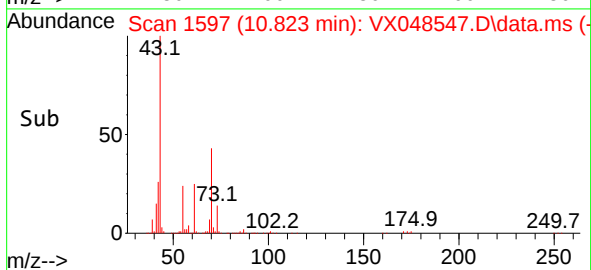
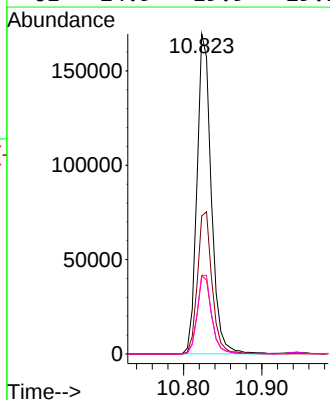
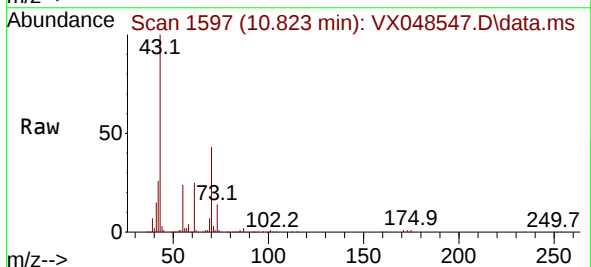
Manual Integrations
APPROVED

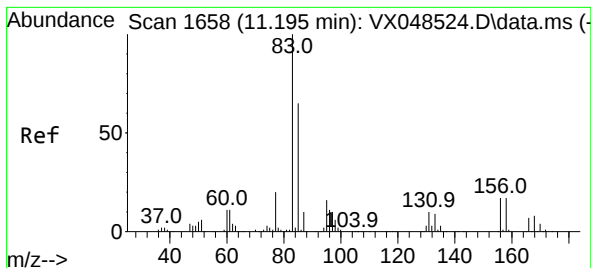
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#74
N-ethyl acetate
Concen: 43.132 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Tgt Ion: 43 Resp: 215622
Ion Ratio Lower Upper
43 100
70 45.3 35.1 52.7
55 24.6 19.3 28.9
61 24.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 42.015 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX048547.D

Acq: 10 Nov 2025 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 147510

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

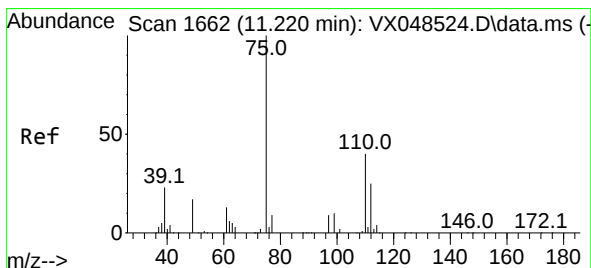
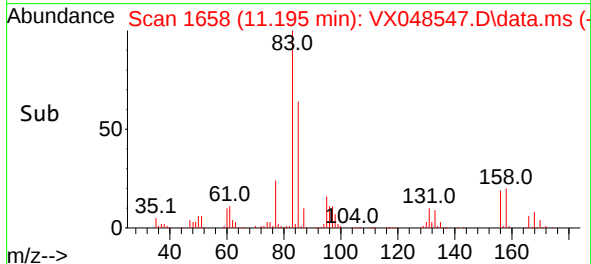
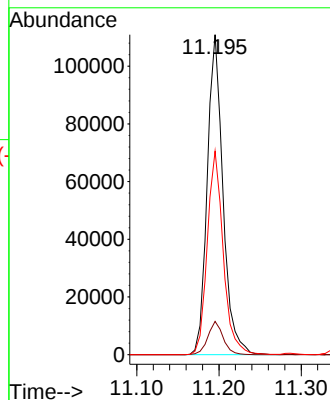
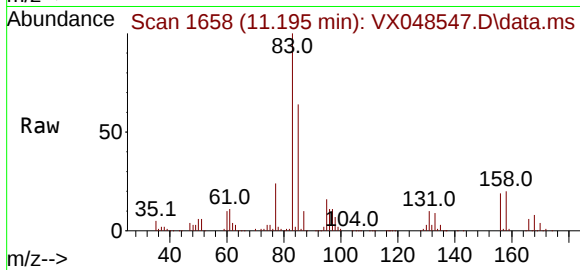
85 64.6 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#76

1,2,3-Trichloropropane

Concen: 41.872 ug/l m

RT: 11.219 min Scan# 1662

Delta R.T. -0.000 min

Lab File: VX048547.D

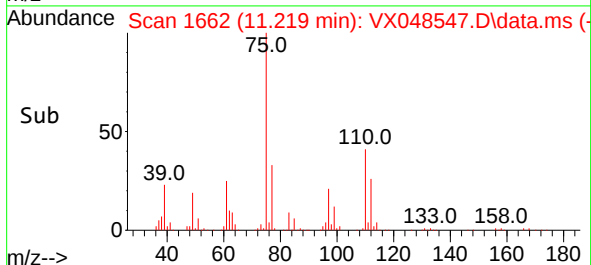
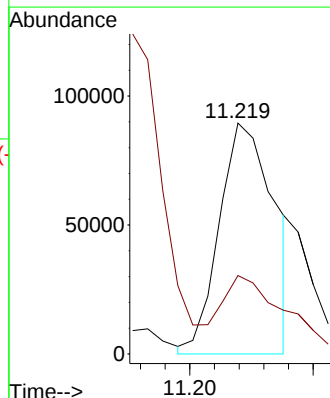
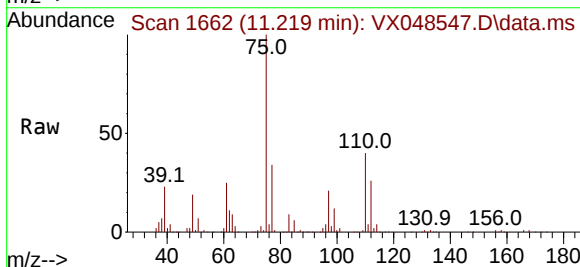
Acq: 10 Nov 2025 17:51

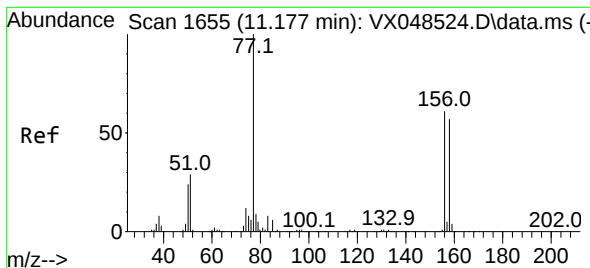
Tgt Ion: 75 Resp: 138365

Ion Ratio Lower Upper

75 100

77 38.3 24.3 72.8





#77

Bromobenzene

Concen: 43.510 ug/l

RT: 11.183 min Scan# 1655

Delta R.T. 0.006 min

Lab File: VX048547.D

Acq: 10 Nov 2025 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 111860

Ion Ratio Lower Upper

156 100

77 150.8 78.1 234.4

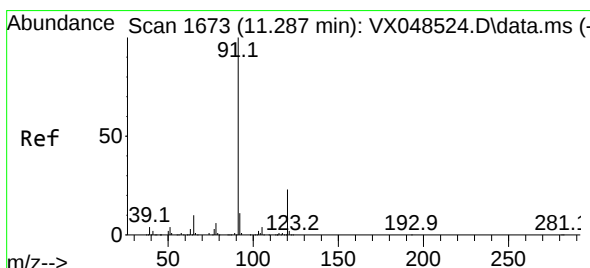
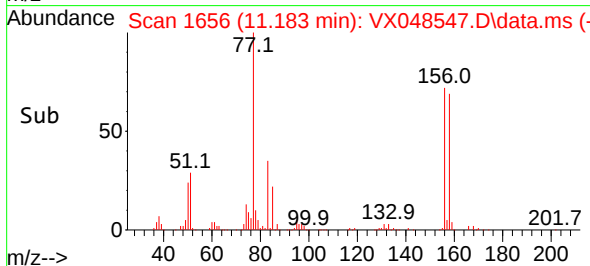
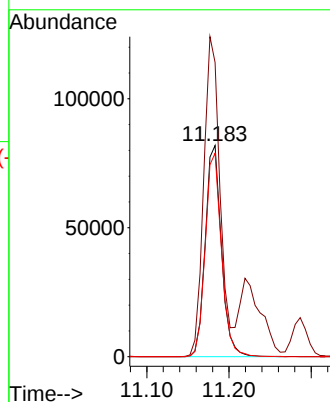
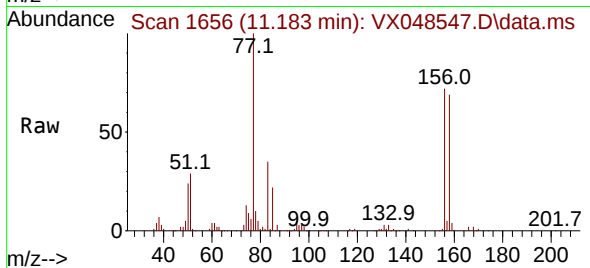
158 97.1 48.5 145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#78

n-propylbenzene

Concen: 41.531 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048547.D

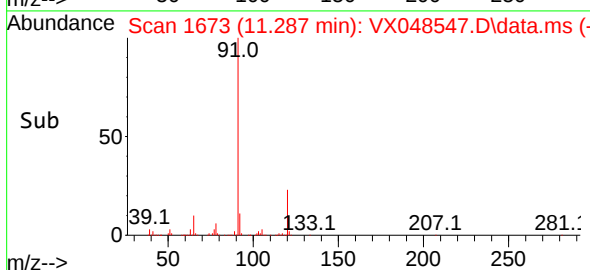
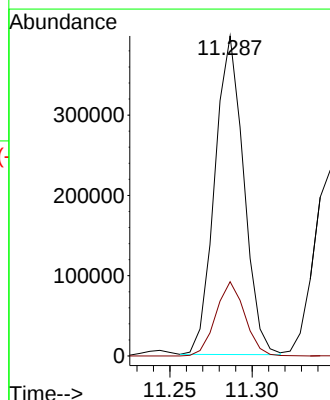
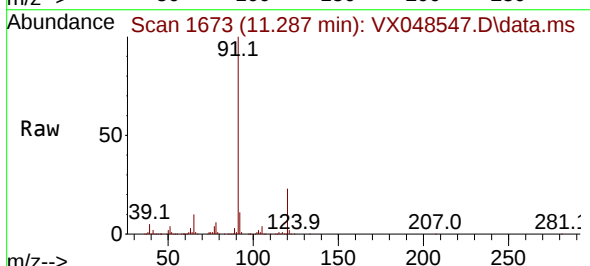
Acq: 10 Nov 2025 17:51

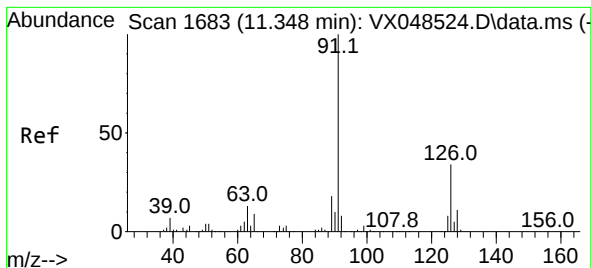
Tgt Ion: 91 Resp: 486206

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.8





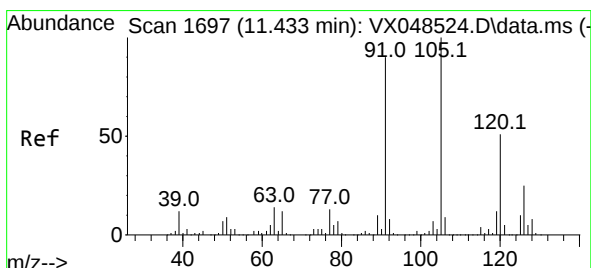
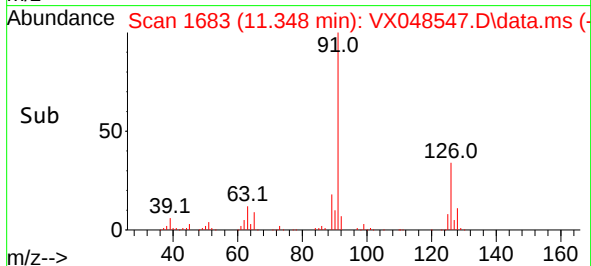
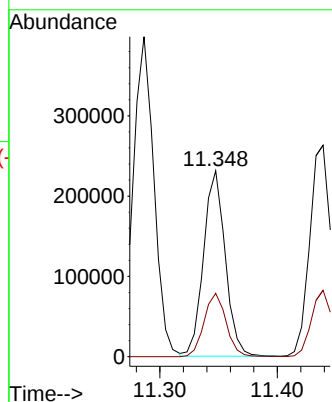
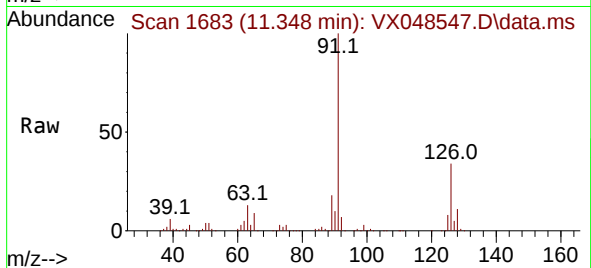
#79
2-Chlorotoluene
Concen: 41.855 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 296088
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2

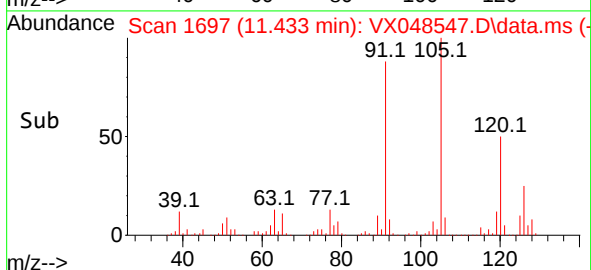
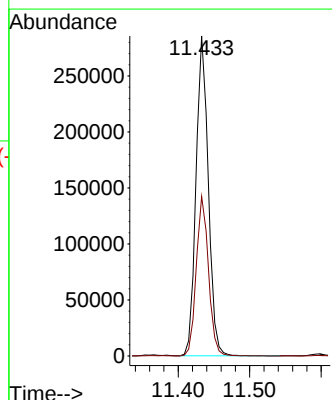
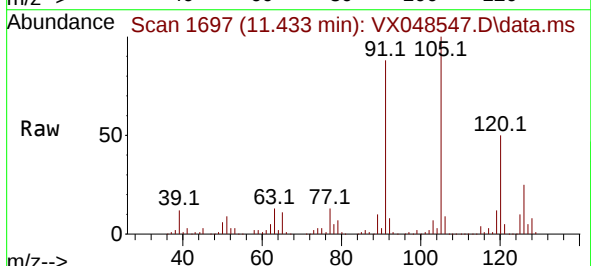
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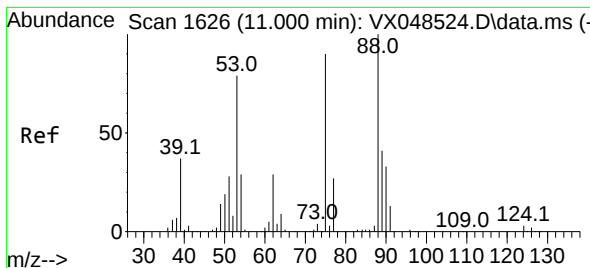
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 41.927 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Tgt Ion:105 Resp: 340296
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.2





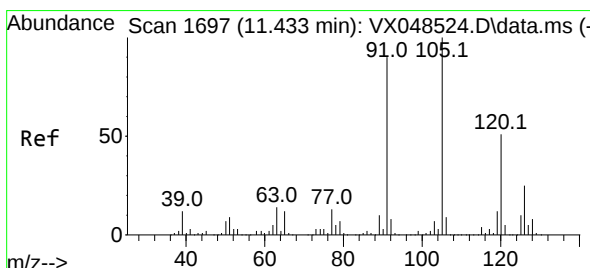
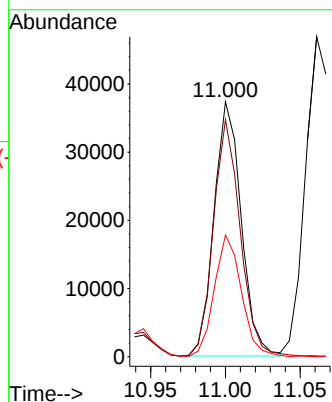
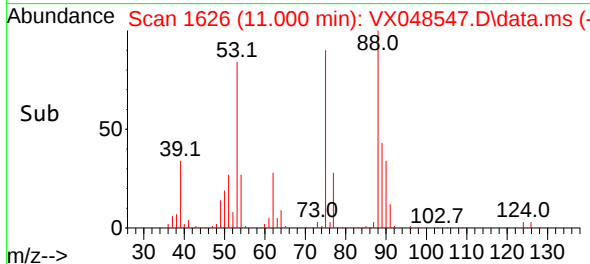
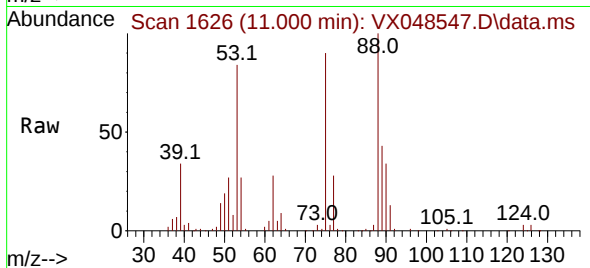
#81
trans-1,4-Dichloro-2-butene
Concen: 40.801 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 47130
Ion Ratio Lower Upper
75 100
53 92.5 72.4 108.6
89 47.7 43.6 65.4

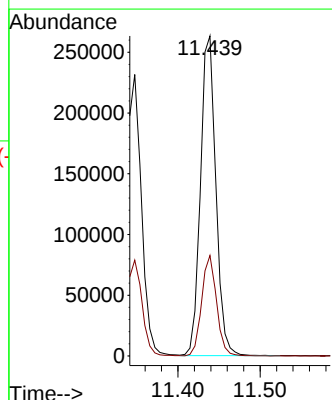
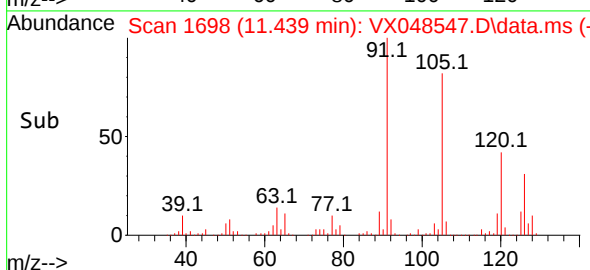
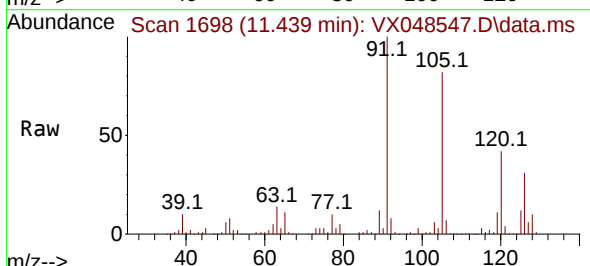
Manual Integrations
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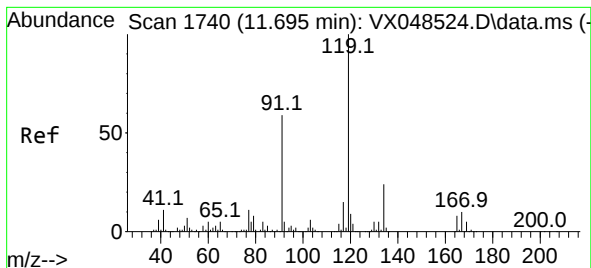
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#82
4-Chlorotoluene
Concen: 41.191 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Tgt Ion: 91 Resp: 341806
Ion Ratio Lower Upper
91 100
126 30.4 14.9 44.7





#83

tert-Butylbenzene

Concen: 42.266 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048547.D

Acq: 10 Nov 2025 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 354818

Ion Ratio Lower Upper

119 100

91 54.6 27.1 81.3

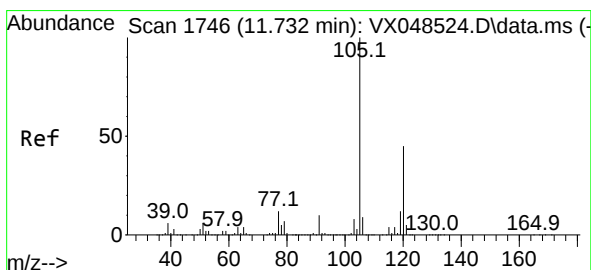
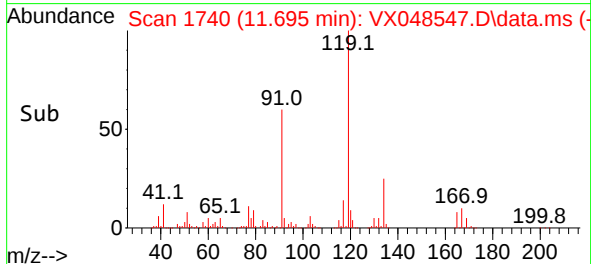
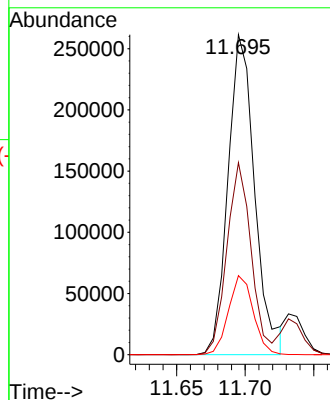
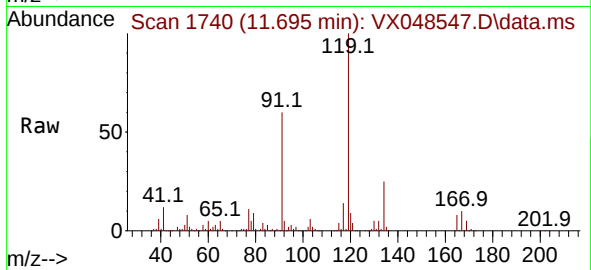
134 23.0 11.4 34.1

Manual Integrations

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Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#84

1,2,4-Trimethylbenzene

Concen: 42.192 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048547.D

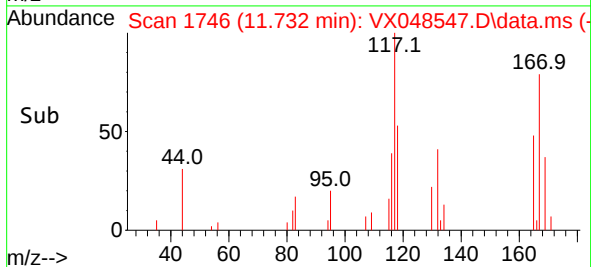
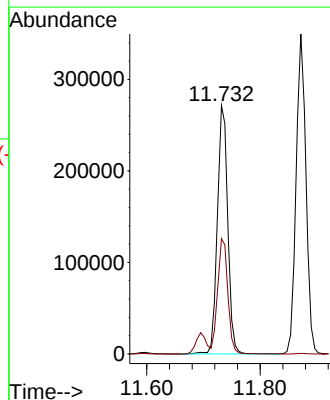
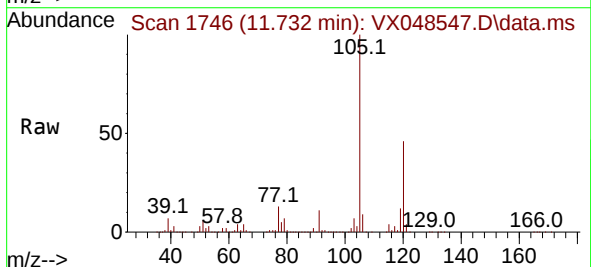
Acq: 10 Nov 2025 17:51

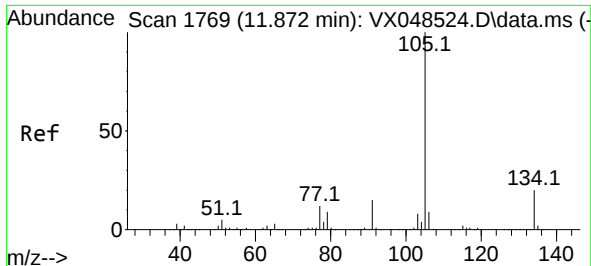
Tgt Ion:105 Resp: 345525

Ion Ratio Lower Upper

105 100

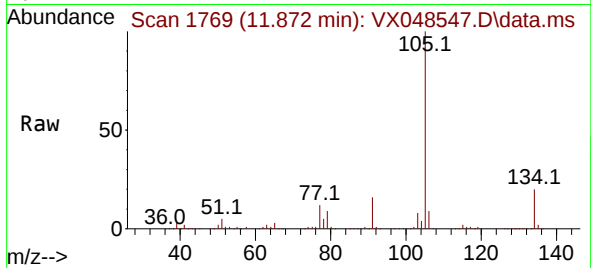
120 45.4 22.4 67.0





#85
sec-Butylbenzene
Concen: 40.493 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

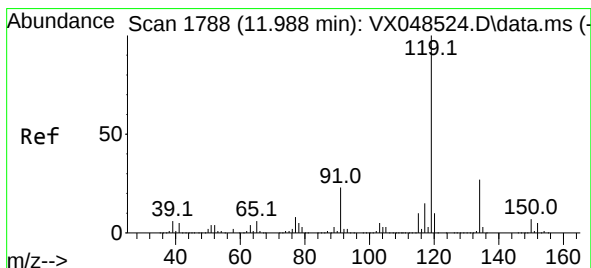
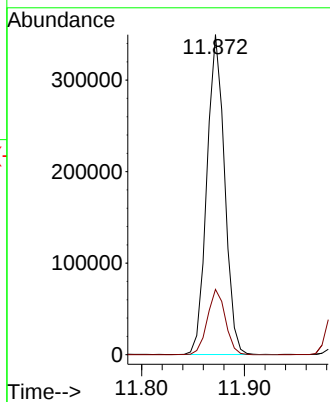
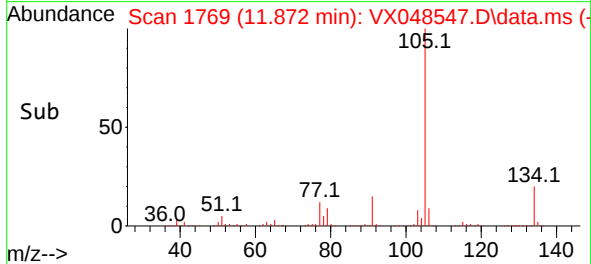
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



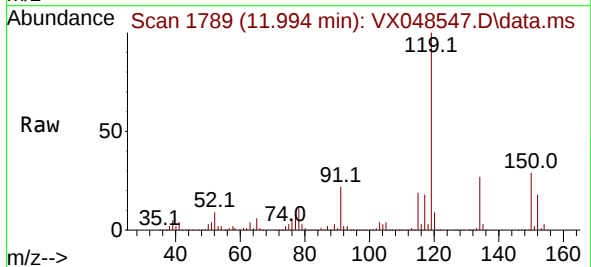
Tgt Ion:105 Resp: 42014
Ion Ratio Lower Upper
105 100
134 20.7 10.2 30.4

Manual Integrations
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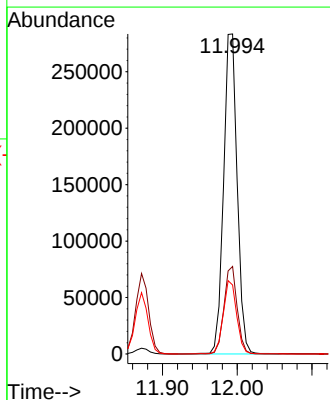
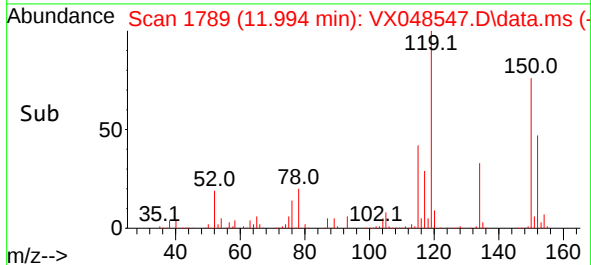
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

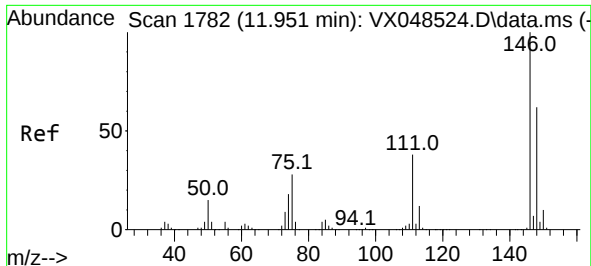


#86
p-Isopropyltoluene
Concen: 41.209 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51



Tgt Ion:119 Resp: 359464
Ion Ratio Lower Upper
119 100
134 26.5 13.2 39.5
91 22.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 42.226 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048547.D

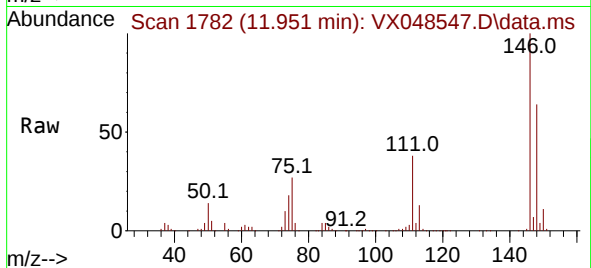
Acq: 10 Nov 2025 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 20346

Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.4

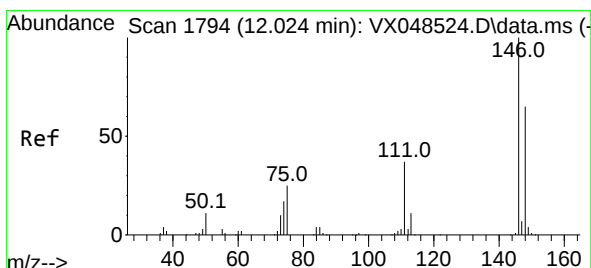
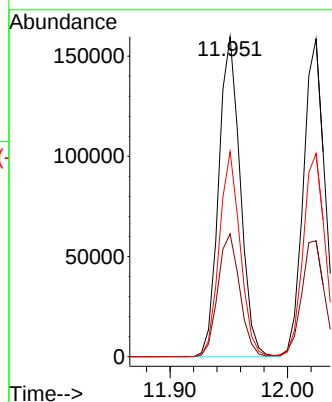
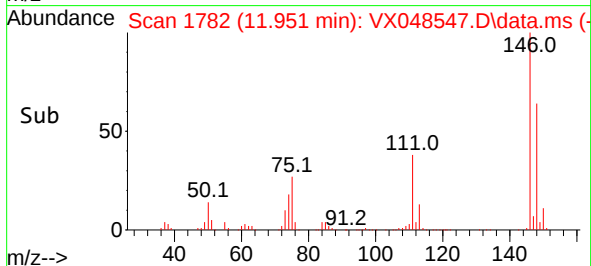
148 62.2 31.6 95.0

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Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#88

1,4-Dichlorobenzene

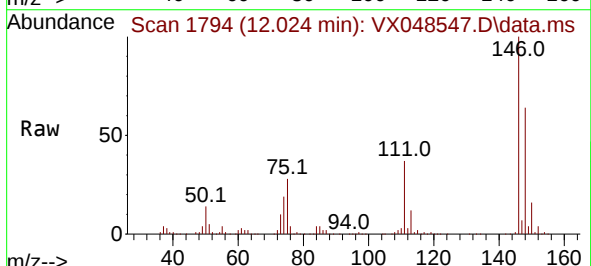
Concen: 40.591 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048547.D

Acq: 10 Nov 2025 17:51



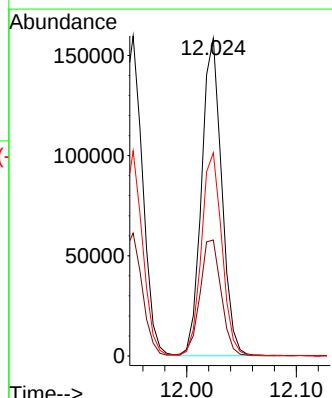
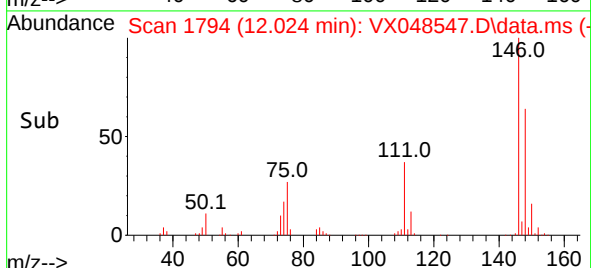
Tgt Ion:146 Resp: 202025

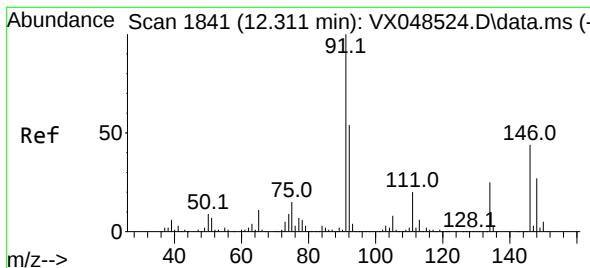
Ion Ratio Lower Upper

146 100

111 38.8 19.2 57.6

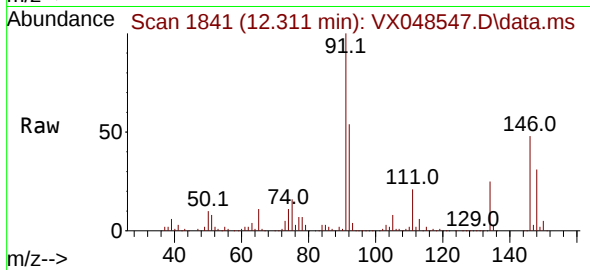
148 65.2 31.9 95.9





#89
n-Butylbenzene
Concen: 39.417 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

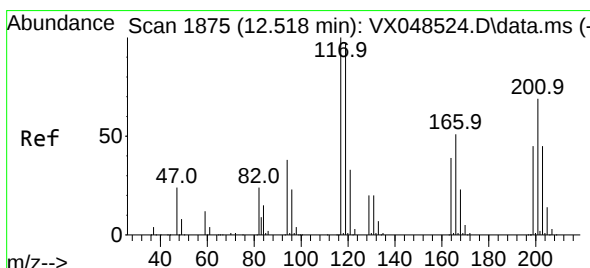
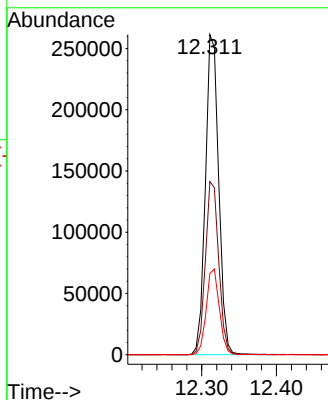
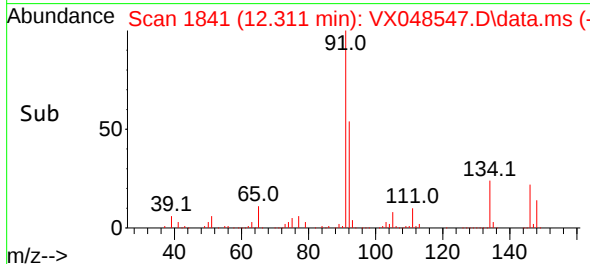
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 32255
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.5
134 26.3 13.0 39.0

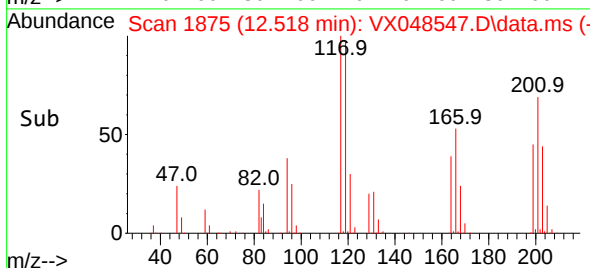
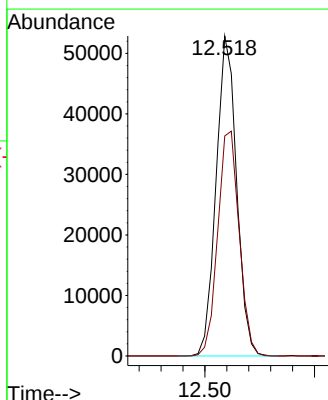
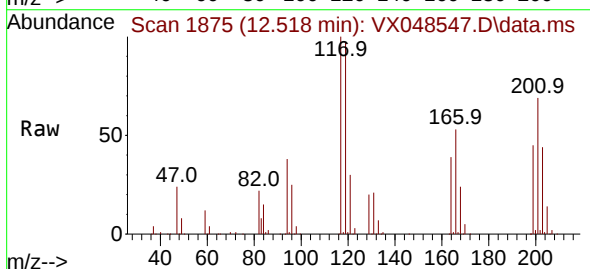
Manual Integrations
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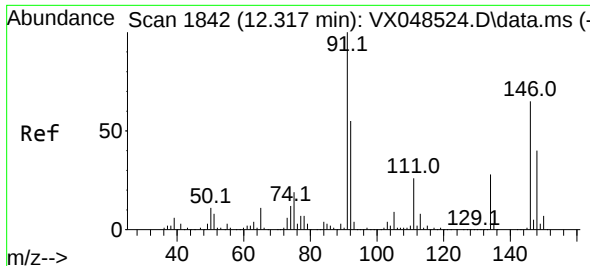
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#90
Hexachloroethane
Concen: 41.328 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

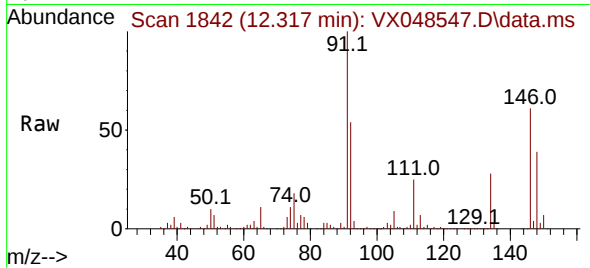
Tgt Ion:117 Resp: 68686
Ion Ratio Lower Upper
117 100
201 73.5 35.9 107.8





#91
1,2-Dichlorobenzene
Concen: 41.957 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

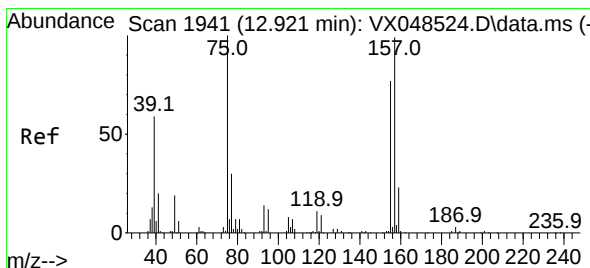
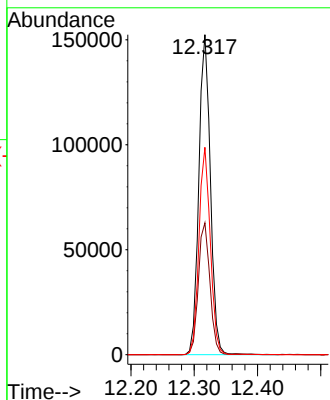
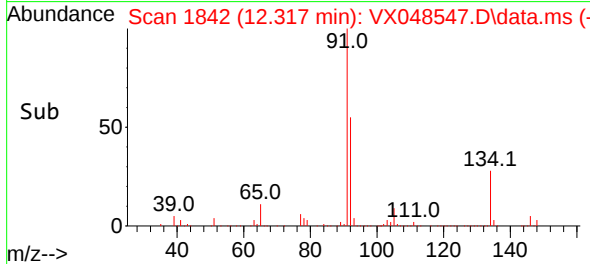
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



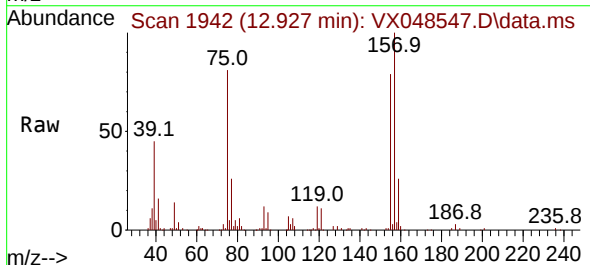
Tgt Ion:146 Resp: 19407
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.9
148 63.6 31.4 94.2

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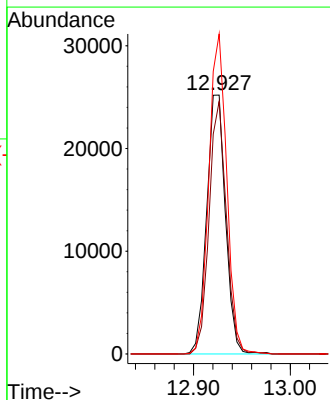
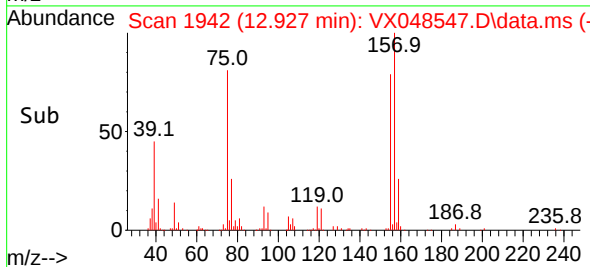
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

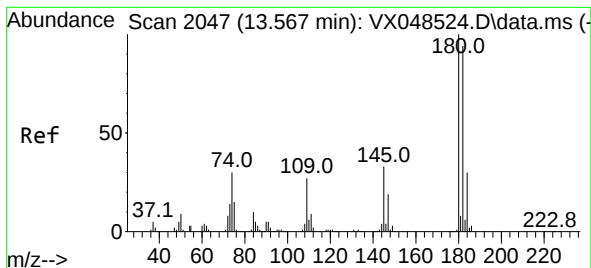


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.744 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51



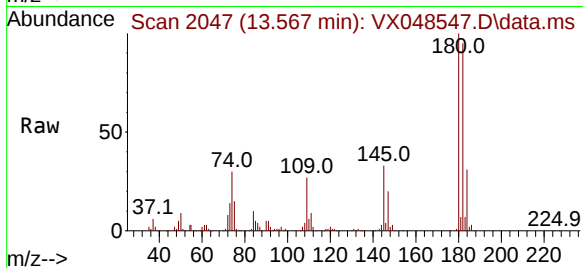
Tgt Ion: 75 Resp: 34060
Ion Ratio Lower Upper
75 100
155 90.0 43.5 130.7
157 117.7 54.8 164.4





#93
1,2,4-Trichlorobenzene
Concen: 40.992 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

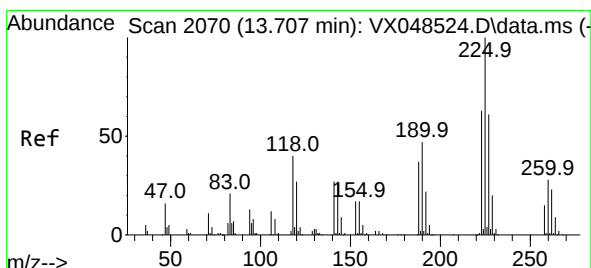
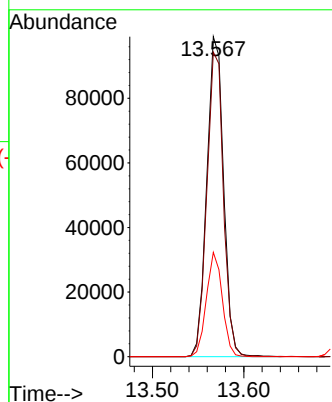
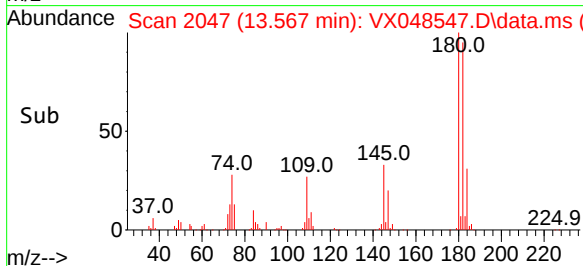
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



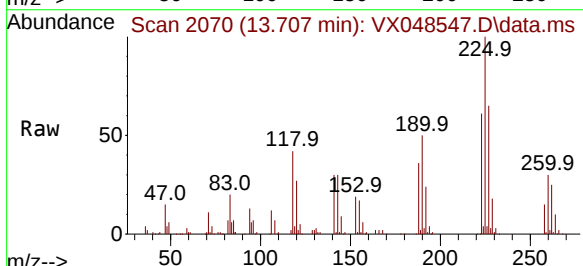
Tgt Ion:180 Resp: 126000
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.6
145 31.0 15.9 47.7

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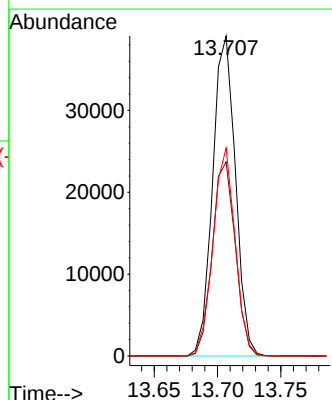
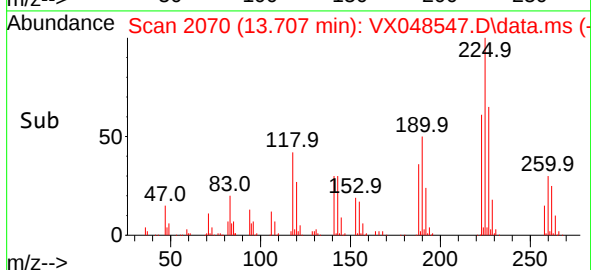
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

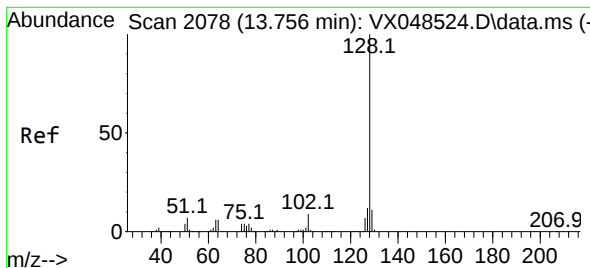


#94
Hexachlorobutadiene
Concen: 38.087 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51



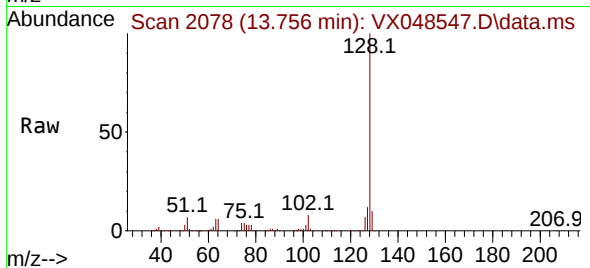
Tgt Ion:225 Resp: 48940
Ion Ratio Lower Upper
225 100
223 61.1 30.6 92.0
227 63.2 32.5 97.4





#95
Naphthalene
Concen: 44.338 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

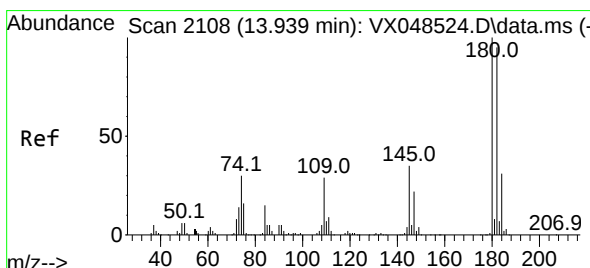
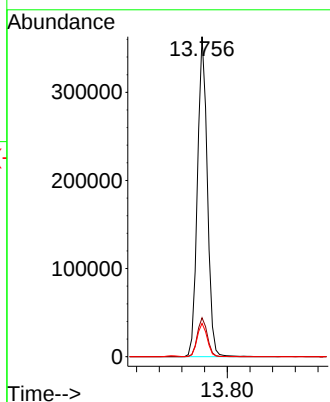
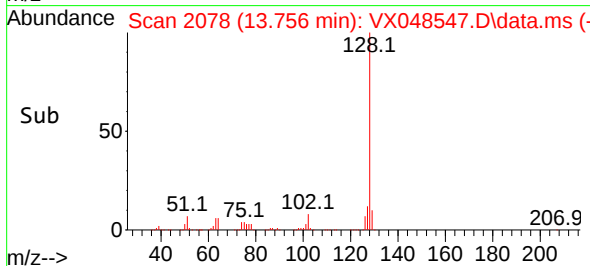
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 438178
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.506 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048547.D
Acq: 10 Nov 2025 17:51

Tgt Ion:180 Resp: 121530
Ion Ratio Lower Upper
180 100
182 93.0 47.3 142.0
145 32.7 16.7 50.0

