

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
 Data File : VX048519.D
 Acq On : 07 Nov 2025 14:37
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2025
 Supervised By : Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:40:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 04:36:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	194066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	316111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	276476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	127284	47.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.140%		
35) Dibromofluoromethane	5.373	113	111505	46.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.220%		
50) Toluene-d8	8.634	98	394449	52.862	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.720%		
62) 4-Bromofluorobenzene	11.061	95	143249	51.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	66068	42.014	ug/l	98
3) Chloromethane	1.300	50	77039	36.937	ug/l	98
4) Vinyl Chloride	1.380	62	114728	48.583	ug/l	98
5) Bromomethane	1.611	94	77178	51.705	ug/l	98
6) Chloroethane	1.690	64	74108	47.919	ug/l	97
7) Trichlorofluoromethane	1.898	101	183963	49.241	ug/l	99
8) Diethyl Ether	2.136	74	71025	47.362	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	109457	50.608	ug/l	98
10) Methyl Iodide	2.453	142	158556	49.536	ug/l	99
11) Tert butyl alcohol	2.940	59	123773	241.553	ug/l	98
12) 1,1-Dichloroethene	2.325	96	110163	48.763	ug/l	95
13) Acrolein	2.239	56	13912	189.397	ug/l	95
14) Allyl chloride	2.666	41	198188	47.118	ug/l	98
15) Acrylonitrile	3.056	53	362673	242.456	ug/l	100
16) Acetone	2.373	43	307235	240.023	ug/l	98
17) Carbon Disulfide	2.513	76	297606	46.814	ug/l	98
18) Methyl Acetate	2.696	43	160225	45.549	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	379211	47.534	ug/l	99
20) Methylene Chloride	2.788	84	120871	45.930	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	113710	47.490	ug/l	96
22) Diisopropyl ether	3.751	45	389397	48.213	ug/l	97
23) Vinyl Acetate	3.715	43	1724876	243.854	ug/l	99
24) 1,1-Dichloroethane	3.605	63	212382	47.923	ug/l	99
25) 2-Butanone	4.538	43	451300	238.332	ug/l	98
26) 2,2-Dichloropropane	4.464	77	179826	47.597	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	137632	47.026	ug/l	99
28) Bromochloromethane	4.885	49	97690	44.872	ug/l	100
29) Tetrahydrofuran	4.983	42	311756	231.153	ug/l	99
30) Chloroform	5.086	83	206307	45.093	ug/l	98
31) Cyclohexane	5.458	56	180420	49.687	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	185840	46.544	ug/l	99
36) 1,1-Dichloropropene	5.678	75	147094	45.914	ug/l	98
37) Ethyl Acetate	4.696	43	205123	45.485	ug/l	100
38) Carbon Tetrachloride	5.665	117	161361	44.246	ug/l	96
39) Methylcyclohexane	7.366	83	190738	53.024	ug/l	95
40) Benzene	6.025	78	452094	45.524	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	88939	44.846	ug/l	96
42) 1,2-Dichloroethane	6.074	62	150677	44.283	ug/l	100
43) Isopropyl Acetate	6.324	43	289450	45.660	ug/l	99
44) Trichloroethene	7.110	130	117255	49.397	ug/l	98
45) 1,2-Dichloropropane	7.415	63	116023	50.812	ug/l	99
46) Dibromomethane	7.567	93	84094	50.494	ug/l	99
47) Bromodichloromethane	7.805	83	174143	52.414	ug/l	99
48) Methyl methacrylate	7.677	41	144473	51.268	ug/l	99
49) 1,4-Dioxane	7.647	88	45349	1056.119	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	931289	258.084	ug/l	100
52) Toluene	8.701	92	281459	53.833	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	178874	52.249	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	188719	53.237	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	111859	53.549	ug/l	98
56) Ethyl methacrylate	9.098	69	189151	54.426	ug/l	100
57) 1,3-Dichloropropane	9.293	76	186926	51.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	521372	281.536	ug/l	100
59) 2-Hexanone	9.415	43	696238	259.385	ug/l	99
60) Dibromochloromethane	9.506	129	135249	52.734	ug/l	98
61) 1,2-Dibromoethane	9.591	107	120200	53.127	ug/l	100
64) Tetrachloroethene	9.256	164	97190	48.399	ug/l	97
65) Chlorobenzene	10.061	112	310479	47.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	109923	49.993	ug/l	100
67) Ethyl Benzene	10.177	91	536300	48.668	ug/l	97
68) m/p-Xylenes	10.286	106	413914	99.733	ug/l	99
69) o-Xylene	10.622	106	200780	49.447	ug/l	99
70) Styrene	10.640	104	339204	49.799	ug/l	99
71) Bromoform	10.786	173	95888	47.270	ug/l #	100
73) Isopropylbenzene	10.945	105	519610	50.294	ug/l	99
74) N-amyl acetate	10.823	43	246220	47.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	170877	46.900	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	133378m	43.950	ug/l	
77) Bromobenzene	11.183	156	129118	48.398	ug/l	99
78) n-propylbenzene	11.286	91	601192	49.488	ug/l	100
79) 2-Chlorotoluene	11.347	91	357485	48.699	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	421068	49.994	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	59882	49.950	ug/l	96
82) 4-Chlorotoluene	11.439	91	415896	48.299	ug/l	100
83) tert-Butylbenzene	11.695	119	439837	50.490	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	426142	50.146	ug/l	100
85) sec-Butylbenzene	11.872	105	537566	49.928	ug/l	100
86) p-Isopropyltoluene	11.993	119	459910	50.808	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	239859	47.970	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	238363	47.249	ug/l	99
89) n-Butylbenzene	12.317	91	424807	50.027	ug/l	100
90) Hexachloroethane	12.518	117	83737	48.554	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	231259	48.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	40378	47.689	ug/l	100
93) 1,2,4-Trichlorobenzene	13.566	180	158219	49.603	ug/l	99
94) Hexachlorobutadiene	13.707	225	65202	48.899	ug/l	99
95) Naphthalene	13.755	128	525801	51.271	ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	146585	49.407	ug/l	99

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QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

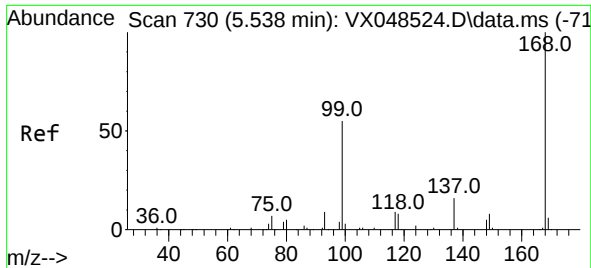
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

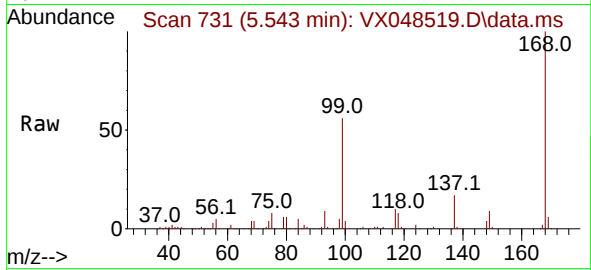
Quant Time: Nov 08 04:40:31 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

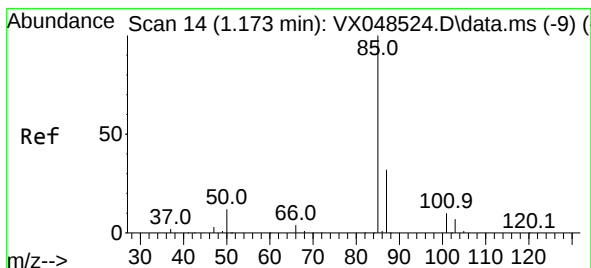
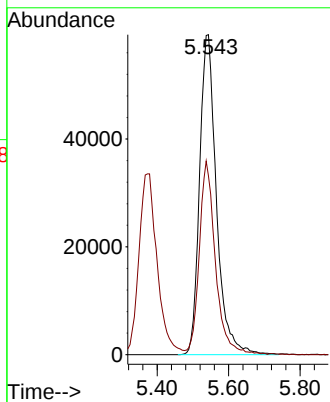
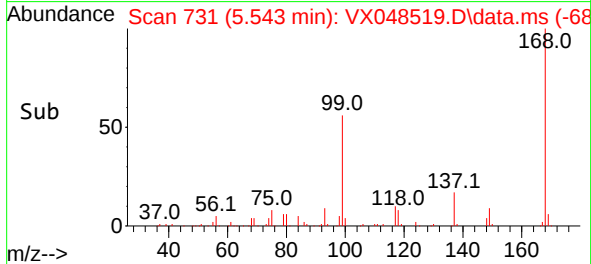
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 19406
Ion Ratio Lower Upper
168 100
99 55.7 45.2 67.8

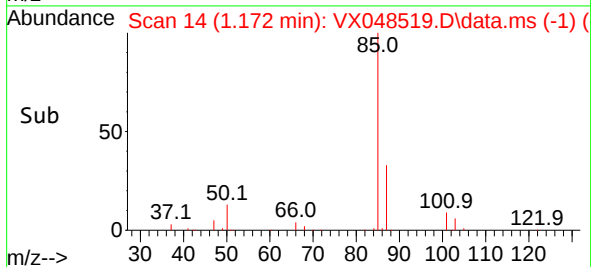
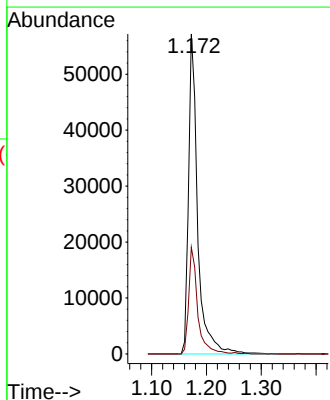
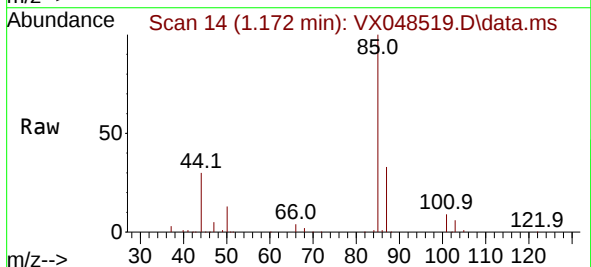
Manual Integrations
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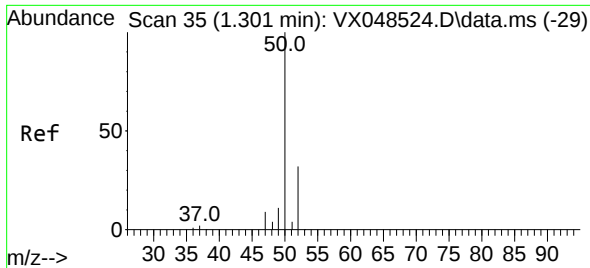
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#2
Dichlorodifluoromethane
Concen: 42.014 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

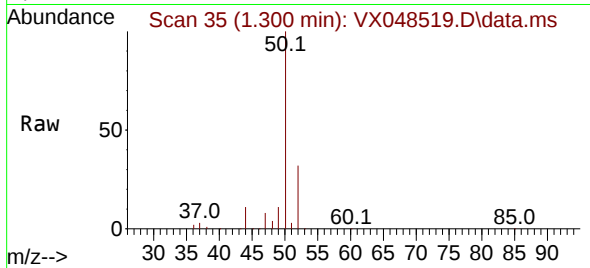
Tgt Ion: 85 Resp: 66068
Ion Ratio Lower Upper
85 100
87 33.3 16.2 48.6





#3
Chloromethane
Concen: 36.937 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

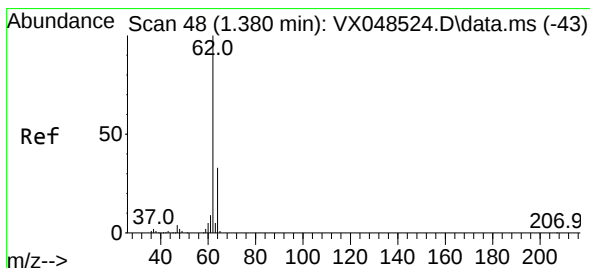
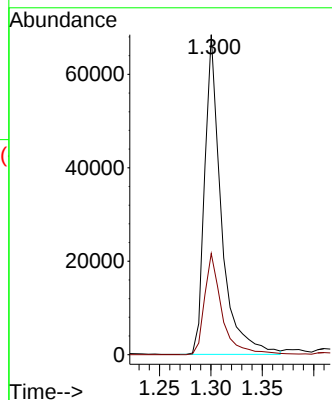
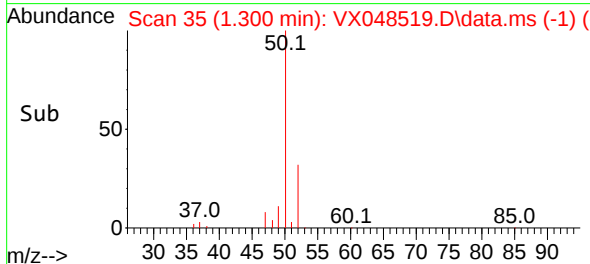
Instrument :
MSVOA_X
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VSTDICCC050



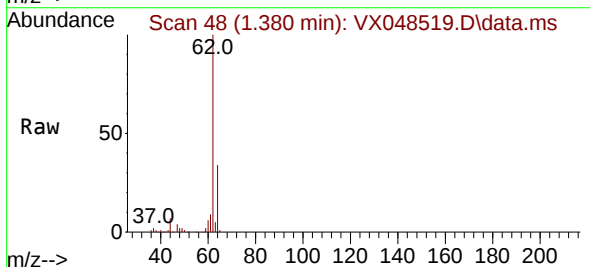
Tgt Ion: 50 Resp: 77039
Ion Ratio Lower Upper
50 100
52 31.6 26.0 39.0

Manual Integrations
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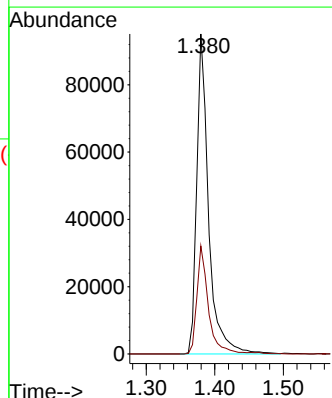
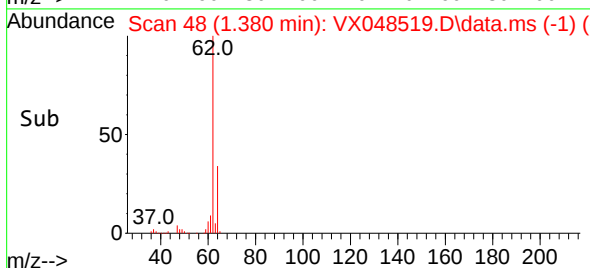
Reviewed By :John Carlone 11/10/2025
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#4
Vinyl Chloride
Concen: 48.583 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37



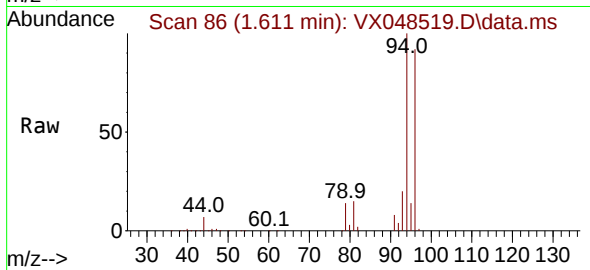
Tgt Ion: 62 Resp: 114728
Ion Ratio Lower Upper
62 100
64 33.8 26.2 39.4





#5
Bromomethane
Concen: 51.705 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

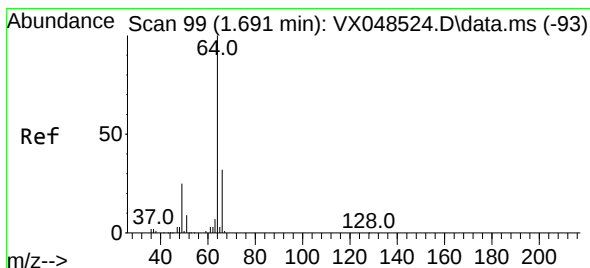
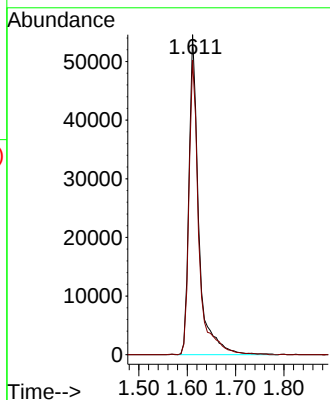
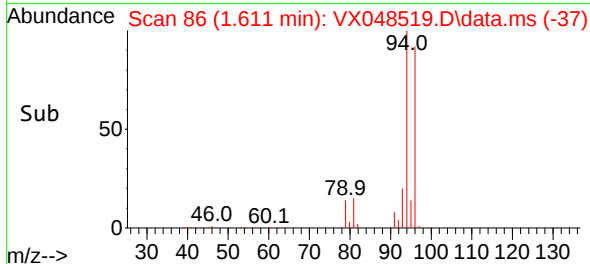
Instrument :
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Tgt Ion: 94 Resp: 77178
Ion Ratio Lower Upper
94 100
96 92.1 72.3 108.5

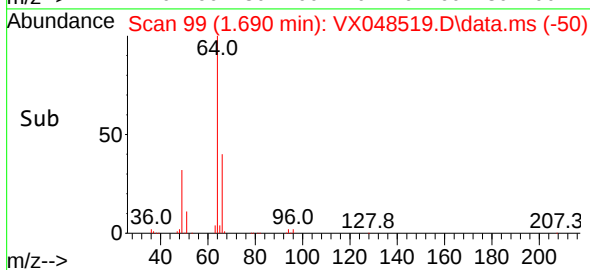
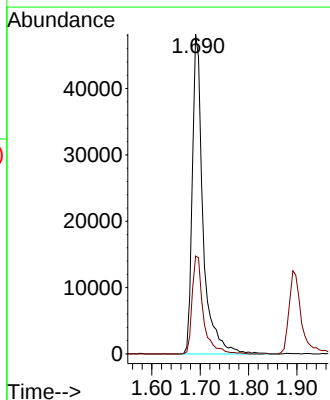
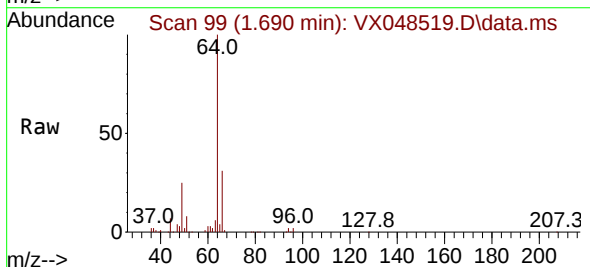
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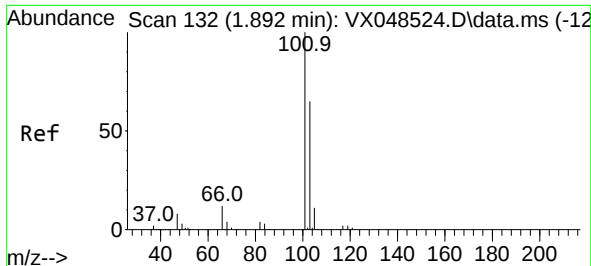
Reviewed By :John Carlone 11/10/2025
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#6
Chloroethane
Concen: 47.919 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
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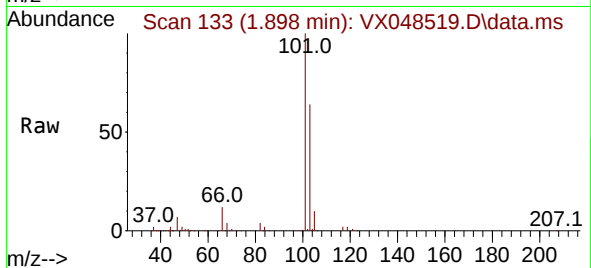
Tgt Ion: 64 Resp: 74108
Ion Ratio Lower Upper
64 100
66 30.6 25.9 38.9





#7
Trichlorofluoromethane
Concen: 49.241 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

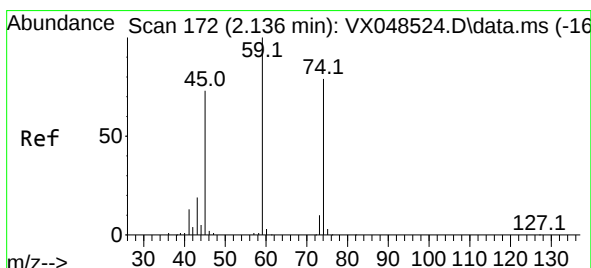
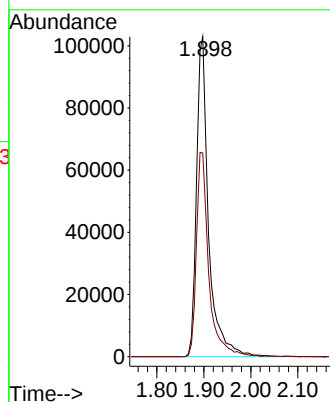
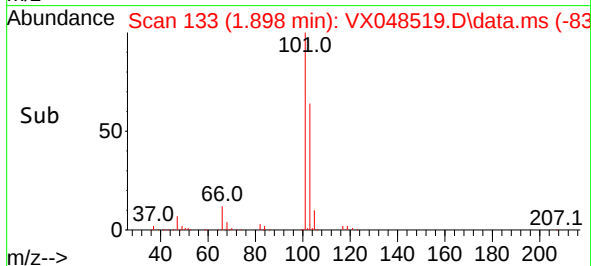
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 18396
Ion Ratio Lower Upper
101 100
103 63.7 51.7 77.5

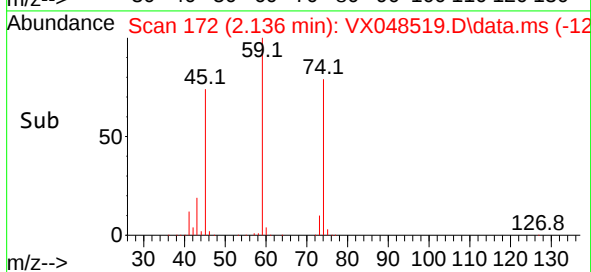
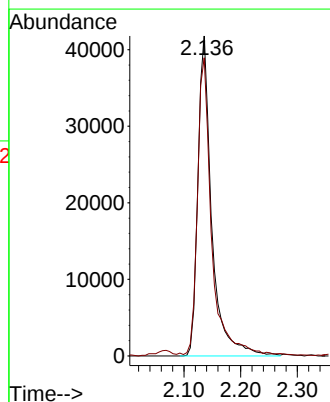
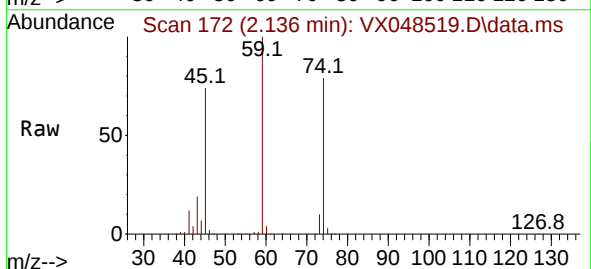
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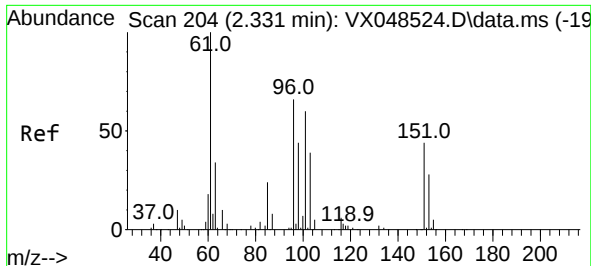
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#8
Diethyl Ether
Concen: 47.362 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 71025
Ion Ratio Lower Upper
74 100
45 95.6 45.9 137.6





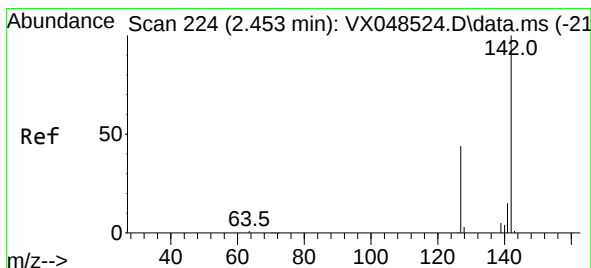
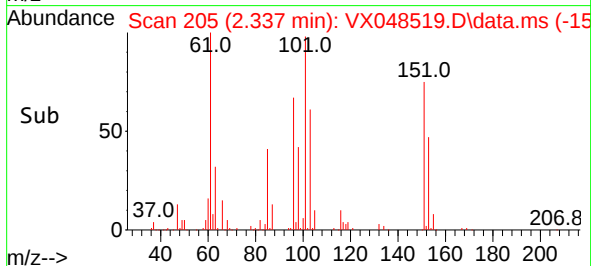
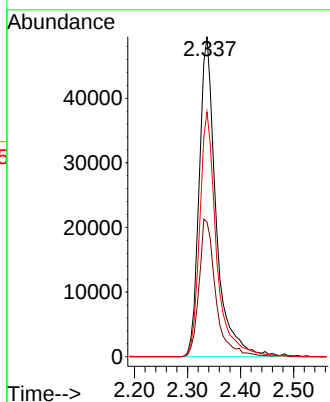
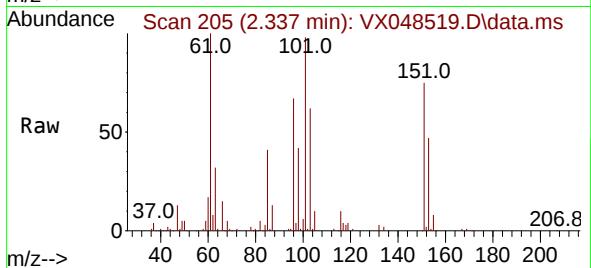
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.608 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 10945
Ion Ratio Lower Upper
101 100
85 42.8 34.3 51.5
151 76.4 63.1 94.7

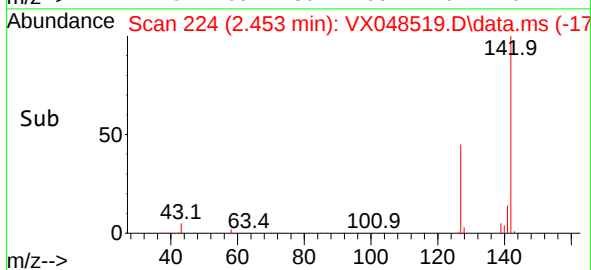
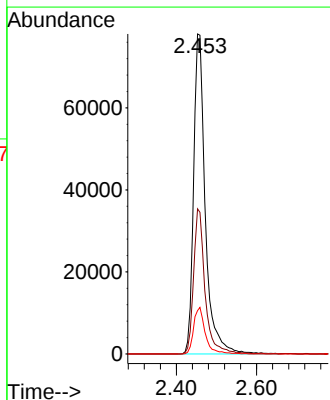
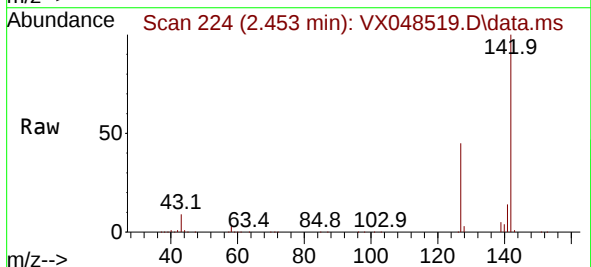
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#10
Methyl Iodide
Concen: 49.536 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

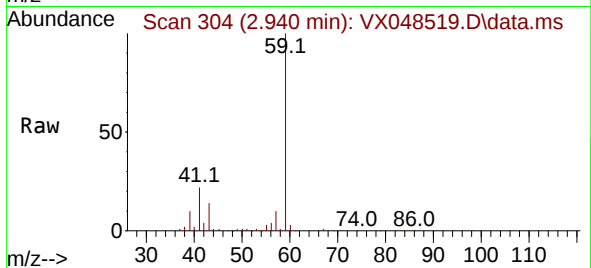
Tgt Ion:142 Resp: 158556
Ion Ratio Lower Upper
142 100
127 44.3 35.8 53.6
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 241.553 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

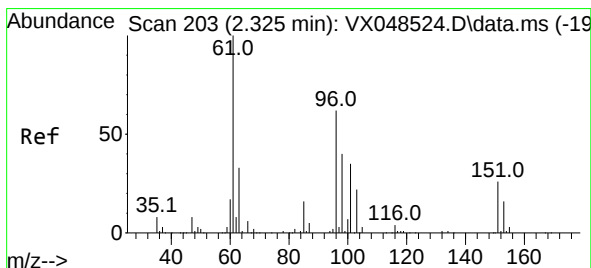
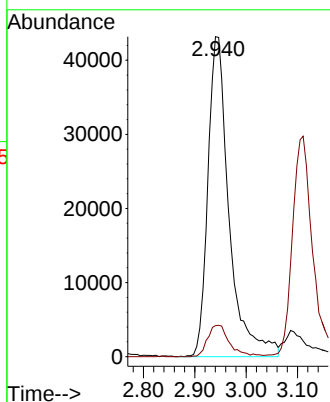
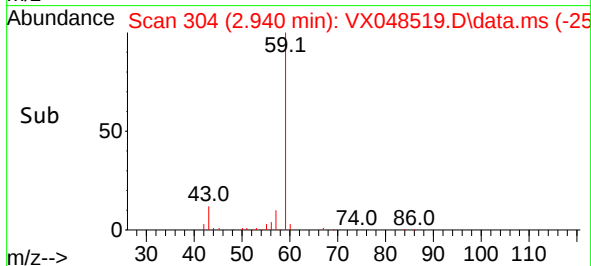
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



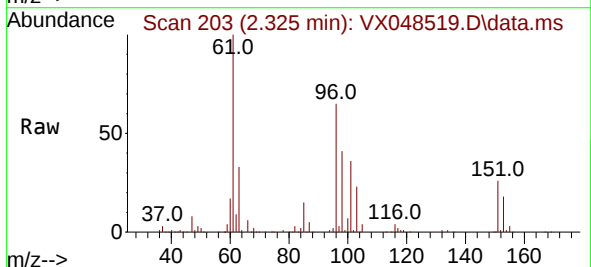
Tgt Ion: 59 Resp: 12377
Ion Ratio Lower Upper
59 100
57 10.2 8.6 13.0

Manual Integrations
APPROVED

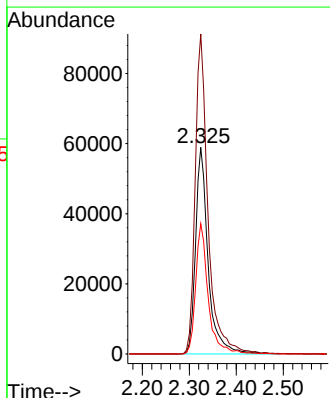
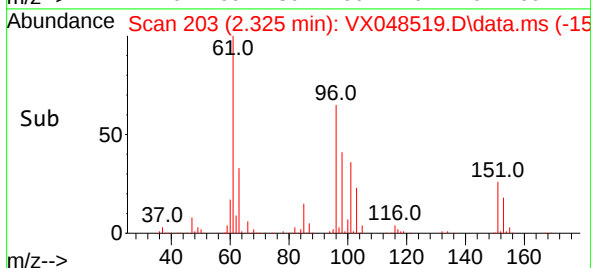
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

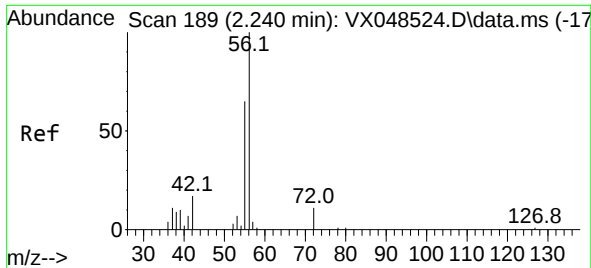


#12
1,1-Dichloroethene
Concen: 48.763 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37



Tgt Ion: 96 Resp: 110163
Ion Ratio Lower Upper
96 100
61 155.0 129.8 194.6
98 63.1 52.3 78.5





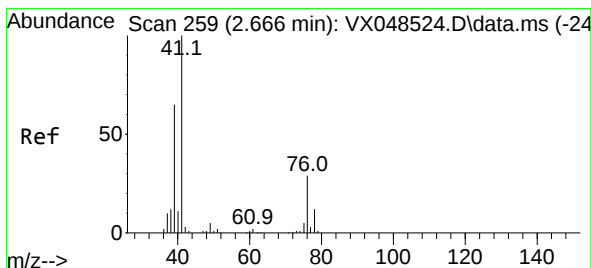
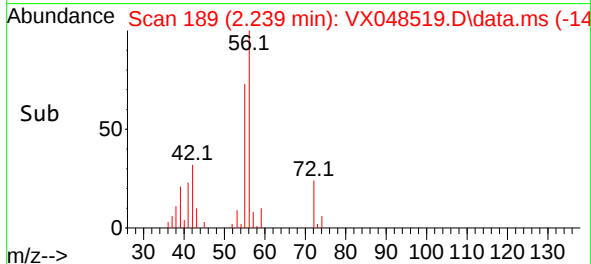
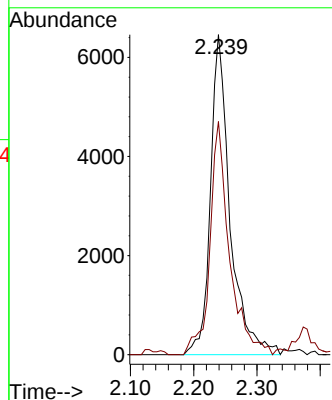
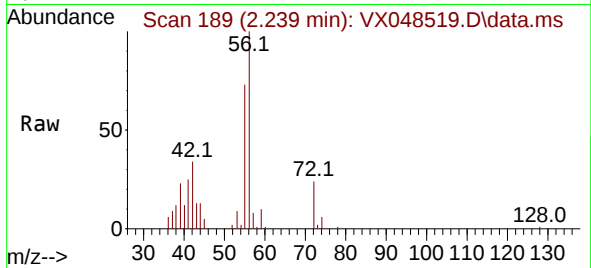
#13
Acrolein
Concen: 189.397 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 13912
Ion Ratio Lower Upper
56 100
55 72.5 54.9 82.3

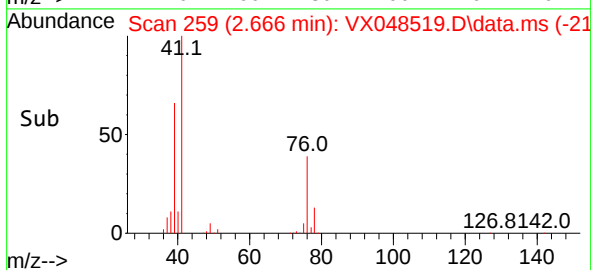
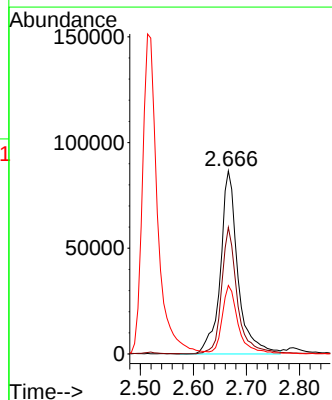
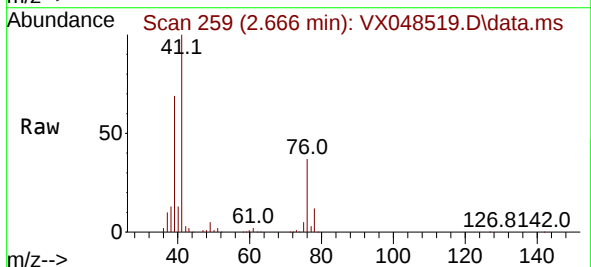
Manual Integrations
APPROVED

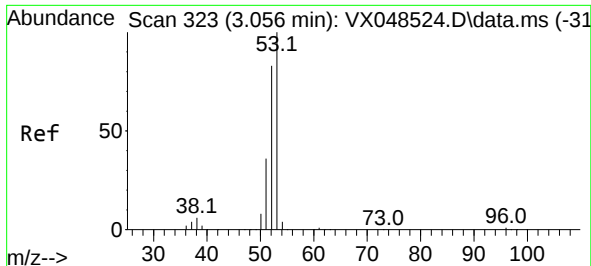
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#14
Allyl chloride
Concen: 47.118 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

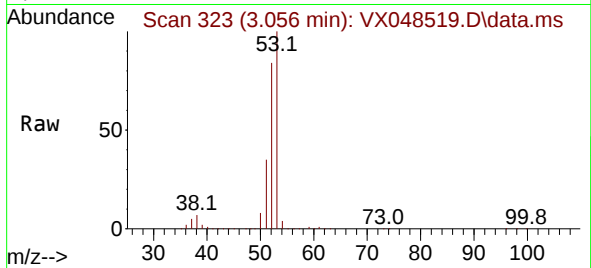
Tgt Ion: 41 Resp: 198188
Ion Ratio Lower Upper
41 100
39 62.6 48.6 73.0
76 34.2 27.7 41.5





#15
Acrylonitrile
Concen: 242.456 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

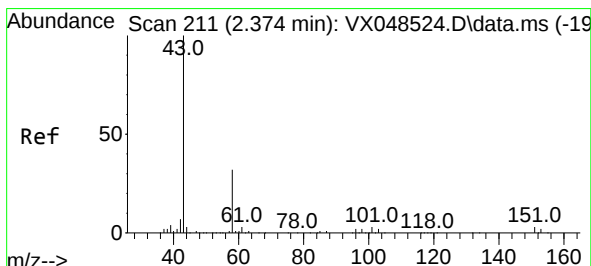
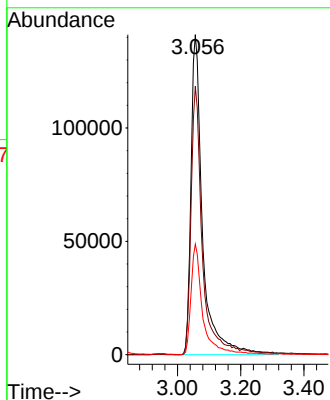
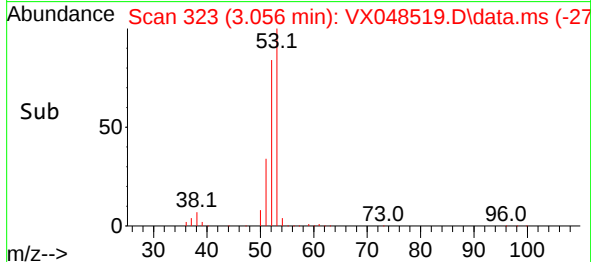
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



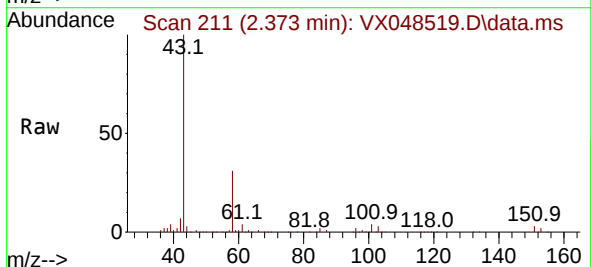
Tgt Ion: 53 Resp: 36267
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 35.0 27.8 41.6

Manual Integrations
APPROVED

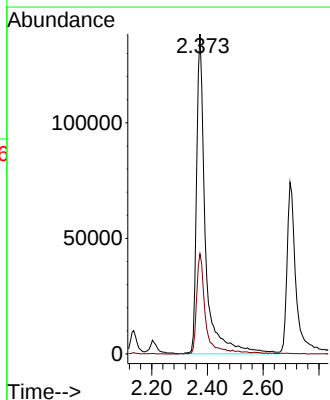
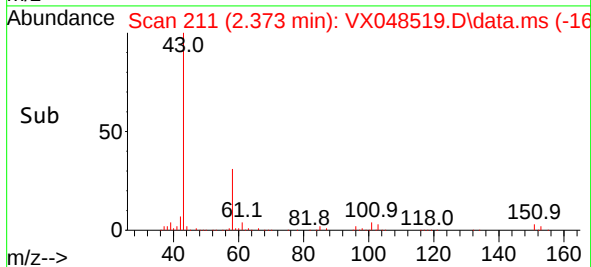
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

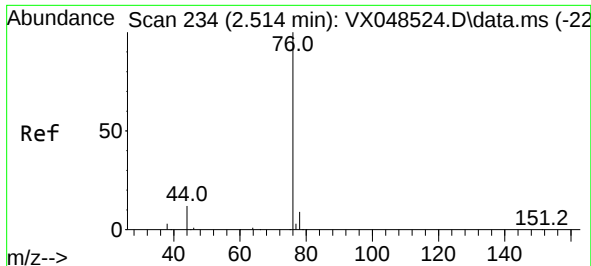


#16
Acetone
Concen: 240.023 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37



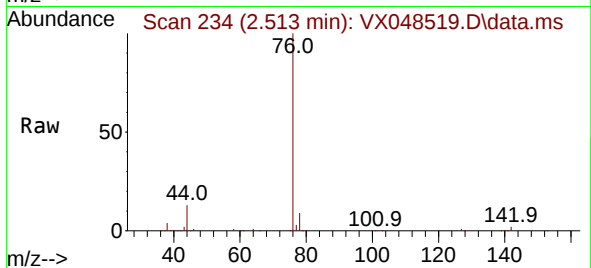
Tgt Ion: 43 Resp: 307235
Ion Ratio Lower Upper
43 100
58 31.3 25.8 38.6





#17
Carbon Disulfide
Concen: 46.814 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

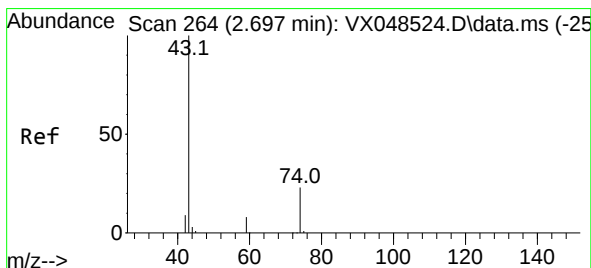
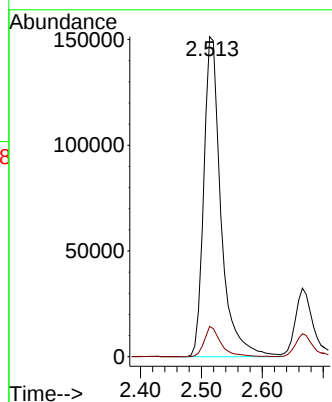
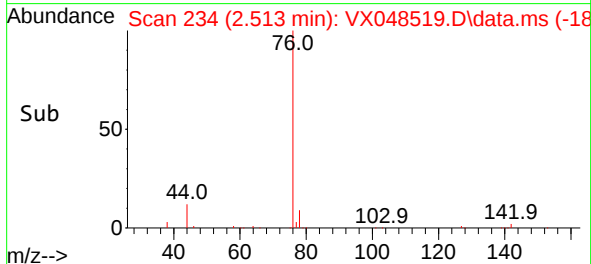
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 297600
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

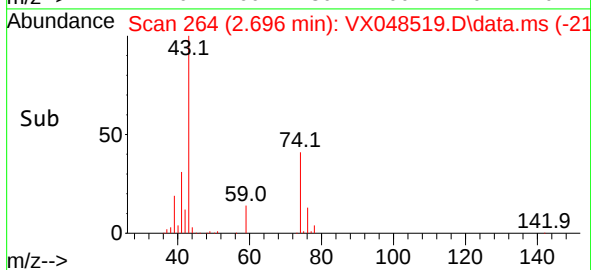
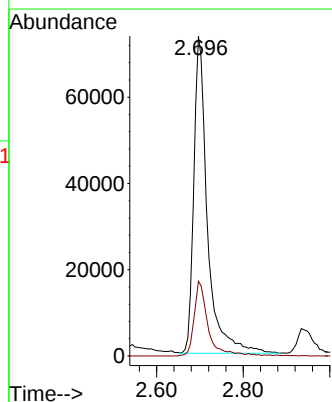
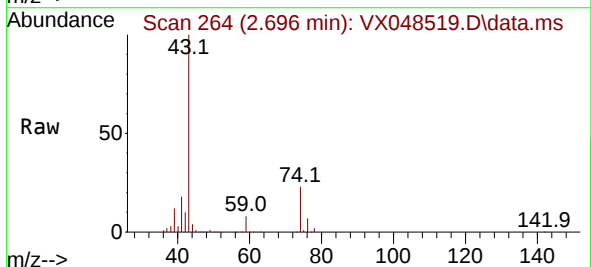
Manual Integrations
APPROVED

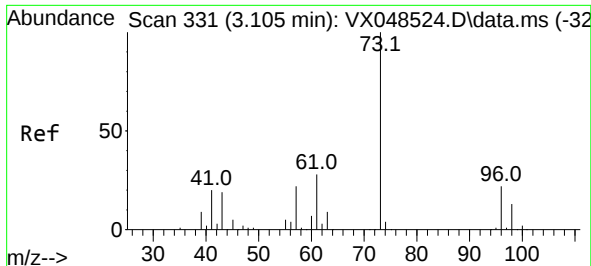
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#18
Methyl Acetate
Concen: 45.549 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

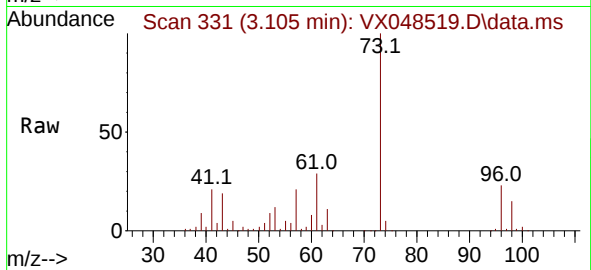
Tgt Ion: 43 Resp: 160225
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 47.534 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

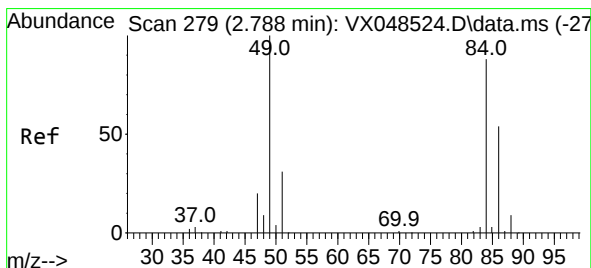
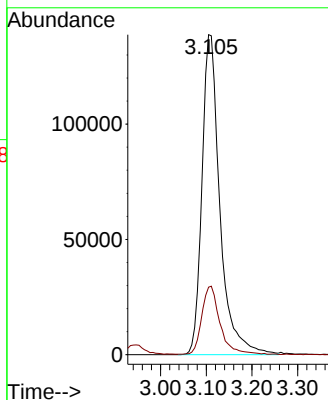
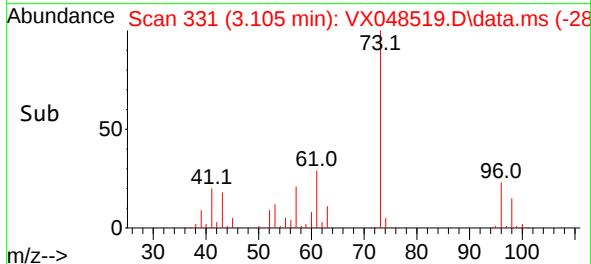
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 37921
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

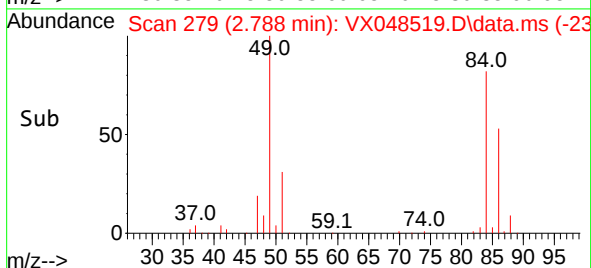
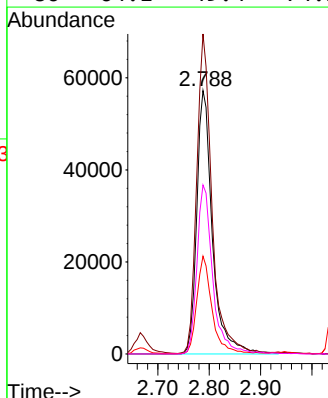
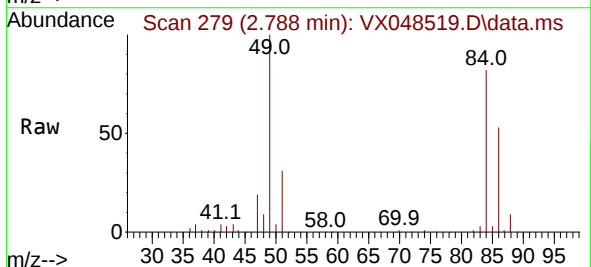
Manual Integrations
APPROVED

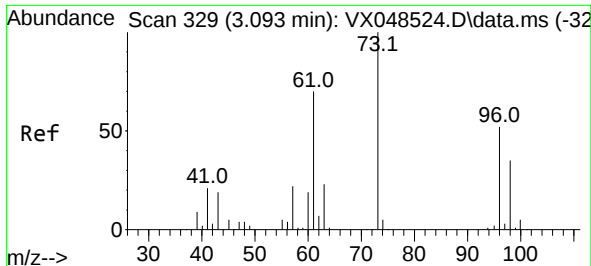
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#20
Methylene Chloride
Concen: 45.930 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

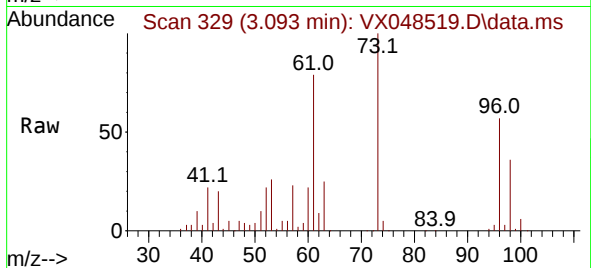
Tgt Ion: 84 Resp: 120871
Ion Ratio Lower Upper
84 100
49 121.3 91.2 136.8
51 36.9 28.3 42.5
86 64.1 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 47.490 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

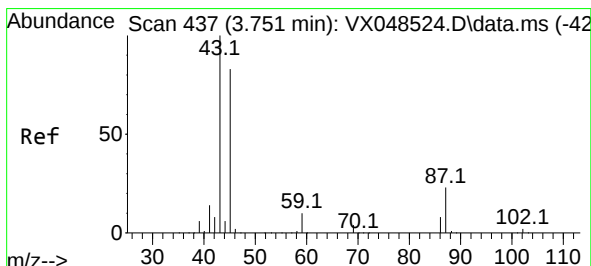
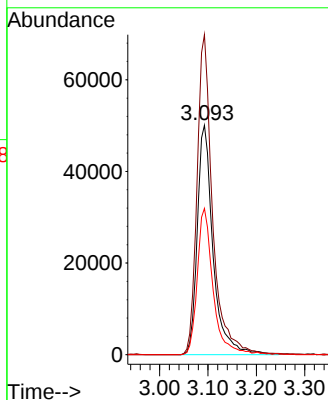
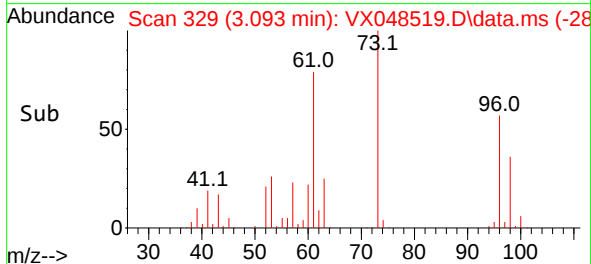
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



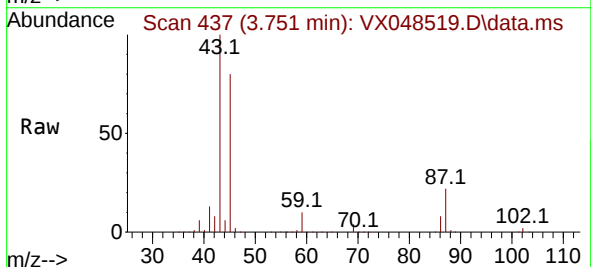
Tgt Ion: 96 Resp: 113710
Ion Ratio Lower Upper
96 100
61 139.5 106.7 160.1
98 63.7 52.7 79.1

Manual Integrations
APPROVED

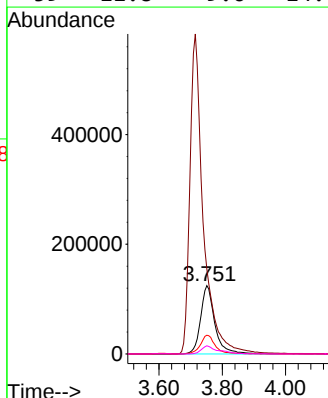
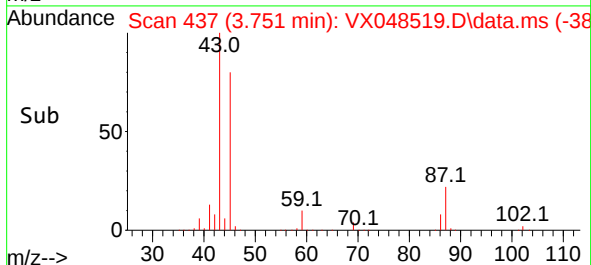
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

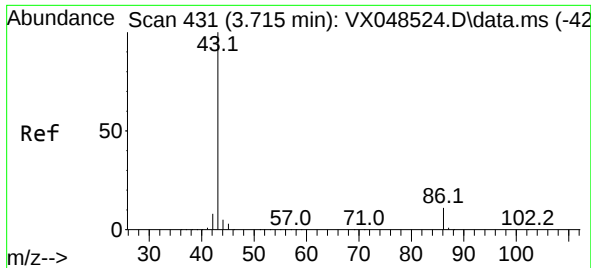


#22
Diisopropyl ether
Concen: 48.213 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37



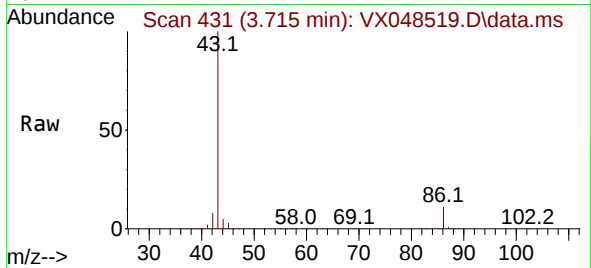
Tgt Ion: 45 Resp: 389397
Ion Ratio Lower Upper
45 100
43 124.3 96.4 144.6
87 27.5 21.8 32.6
59 11.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 243.854 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048519.D
 Acq: 07 Nov 2025 14:37

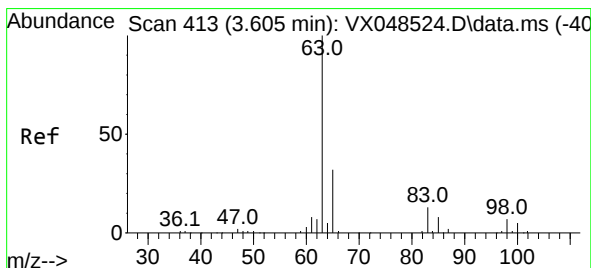
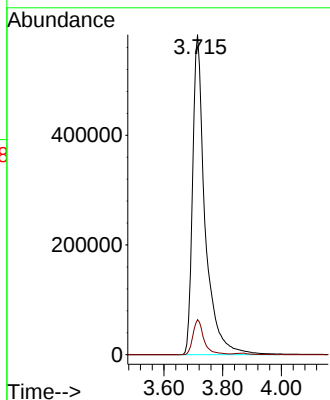
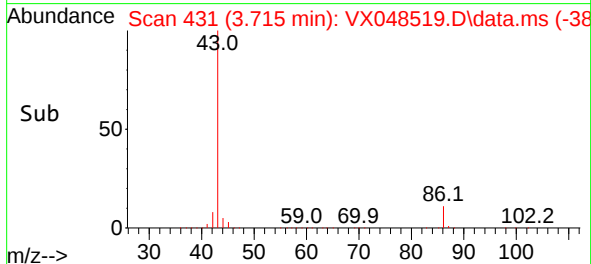
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



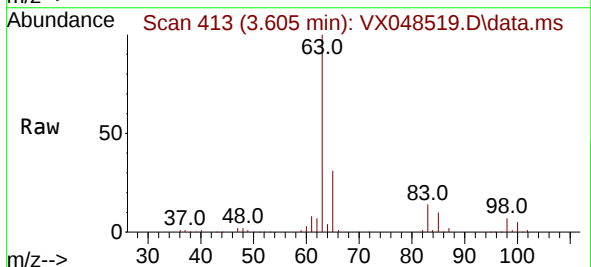
Tgt Ion: 43 Resp: 1724870
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.0 13.6

Manual Integrations
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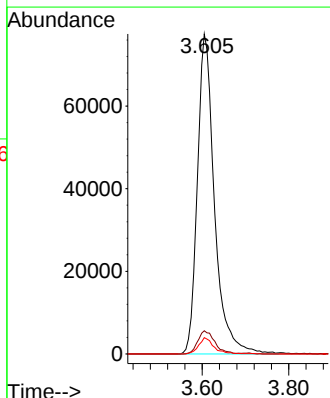
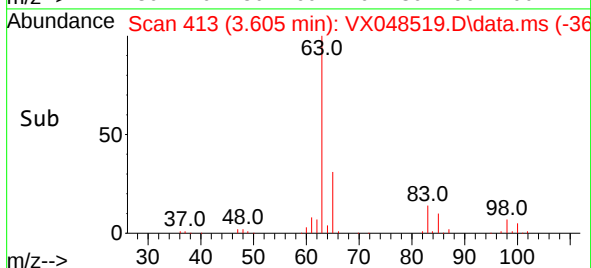
Reviewed By :John Carlone 11/10/2025
 Supervised By :Semsettin Yesilyurt 11/10/2025

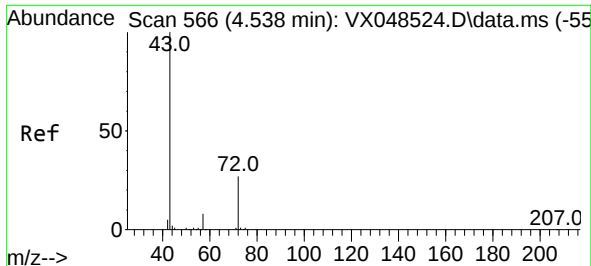


#24
 1,1-Dichloroethane
 Concen: 47.923 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048519.D
 Acq: 07 Nov 2025 14:37



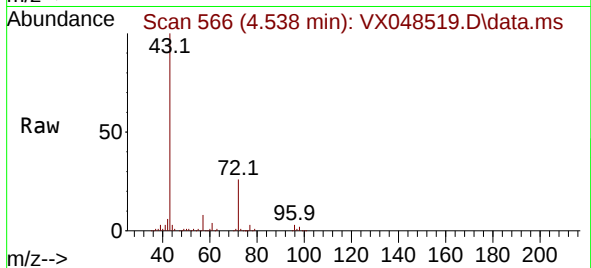
Tgt Ion: 63 Resp: 212382
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 5.1 2.5 7.4





#25
2-Butanone
Concen: 238.332 ug/l
RT: 4.538 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

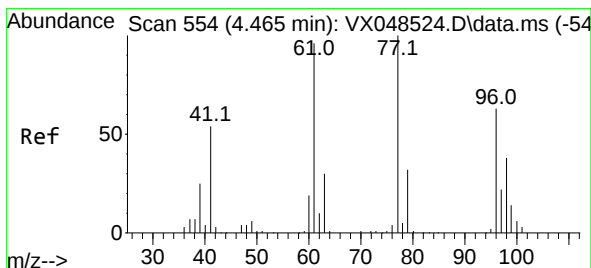
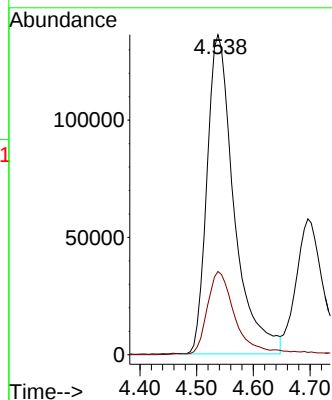
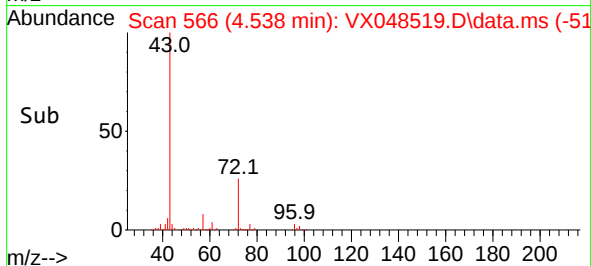
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 451300
Ion Ratio Lower Upper
43 100
72 25.7 21.5 32.3

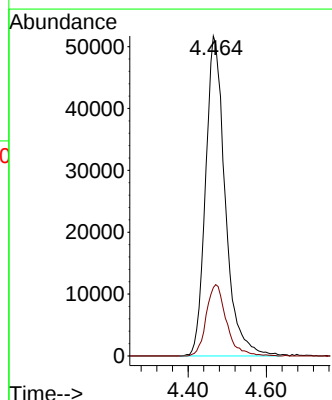
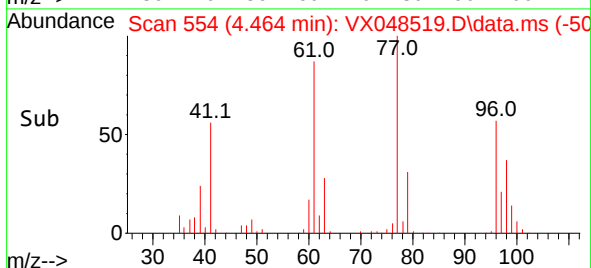
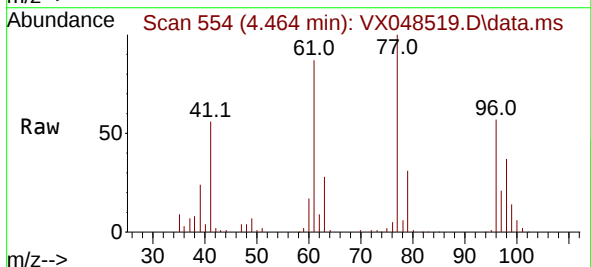
Manual Integrations
APPROVED

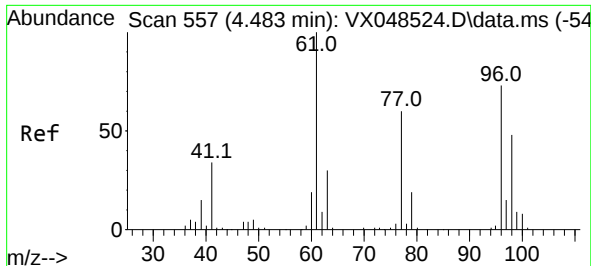
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#26
2,2-Dichloropropane
Concen: 47.597 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Tgt Ion: 77 Resp: 179826
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 47.026 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 137632

Ion Ratio Lower Upper

96 100

61 141.2 0.0 279.6

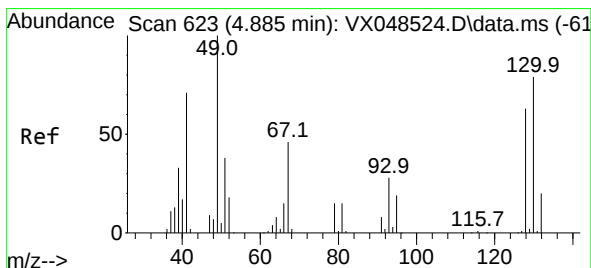
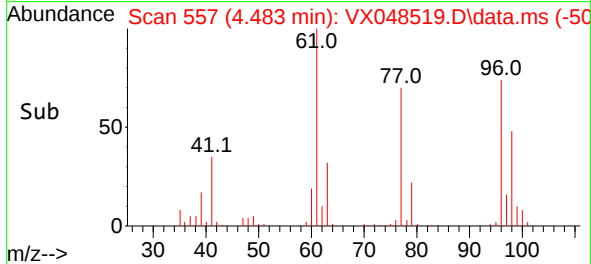
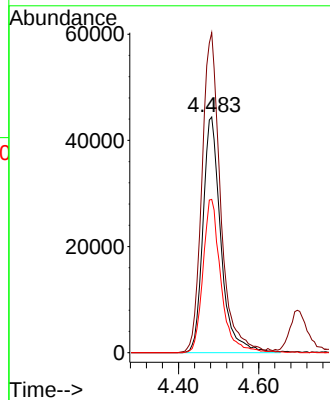
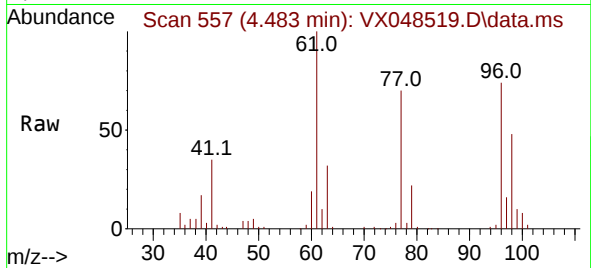
98 65.1 0.0 128.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#28

Bromochloromethane

Concen: 44.872 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

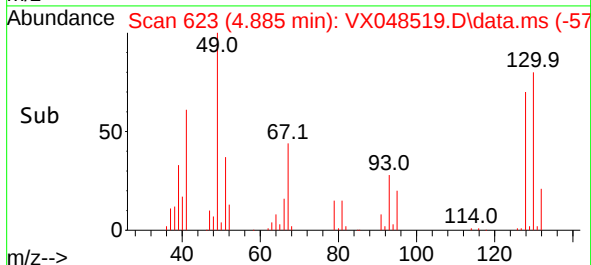
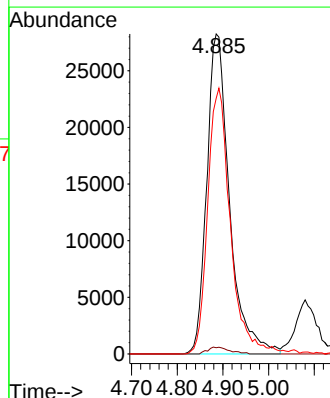
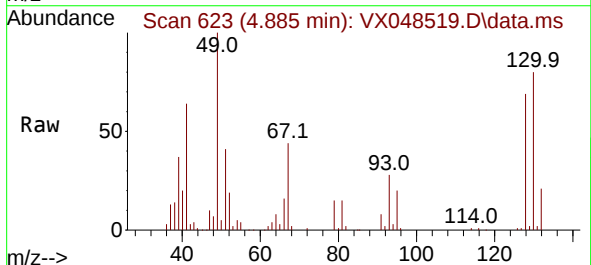
Tgt Ion: 49 Resp: 97690

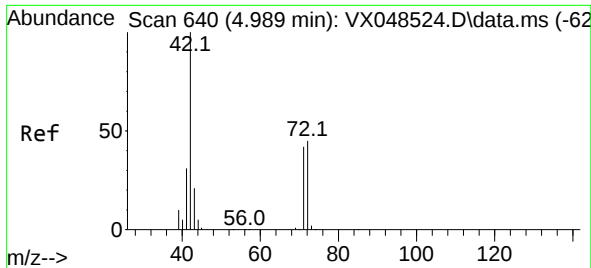
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

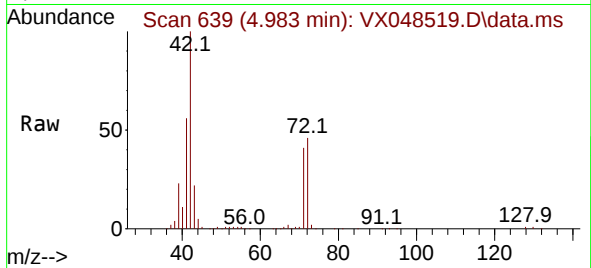
130 82.8 65.9 98.9





#29
Tetrahydrofuran
Concen: 231.153 ug/l
RT: 4.983 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

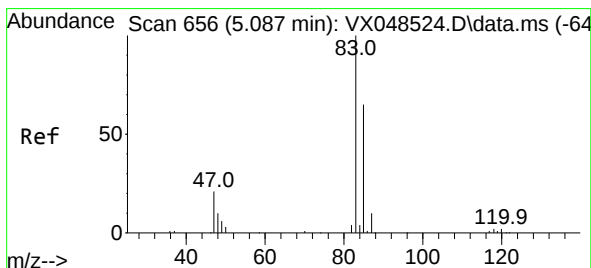
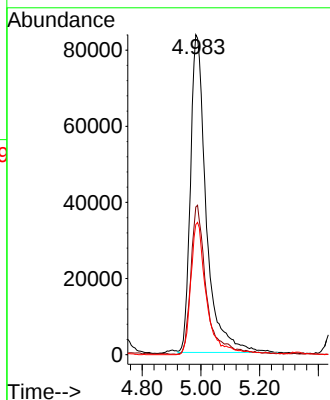
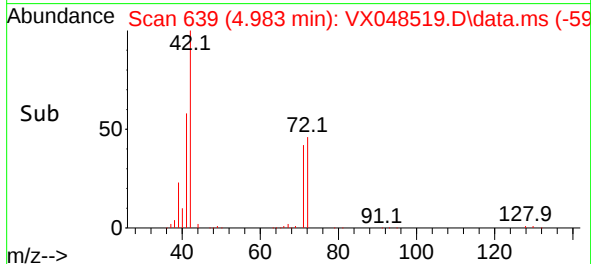
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 311750
Ion Ratio Lower Upper
42 100
72 46.0 36.3 54.5
71 41.8 34.1 51.1

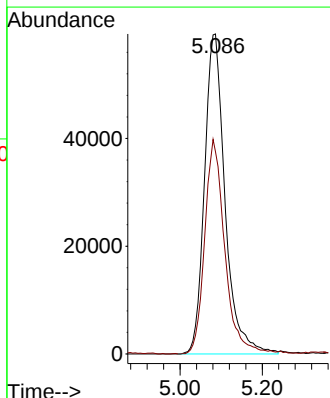
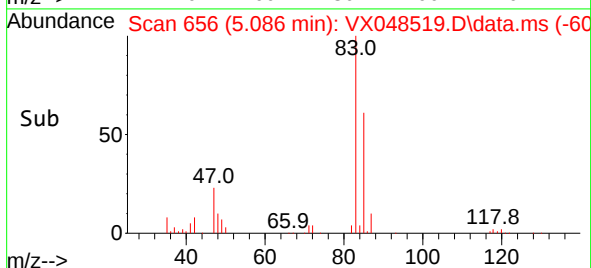
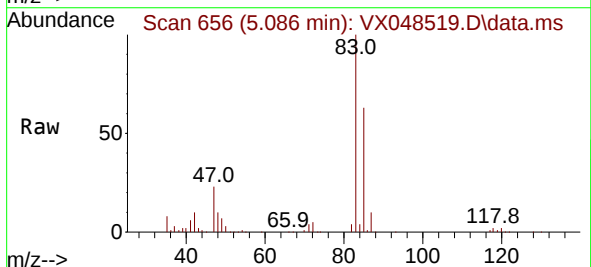
Manual Integrations
APPROVED

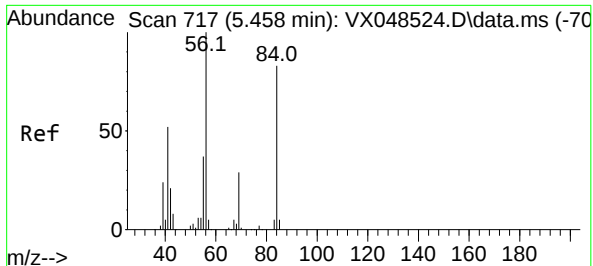
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#30
Chloroform
Concen: 45.093 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

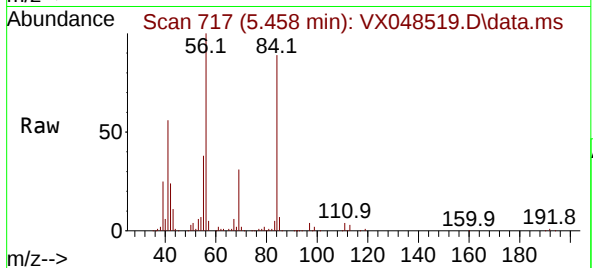
Tgt Ion: 83 Resp: 206307
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.6





#31
Cyclohexane
Concen: 49.687 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

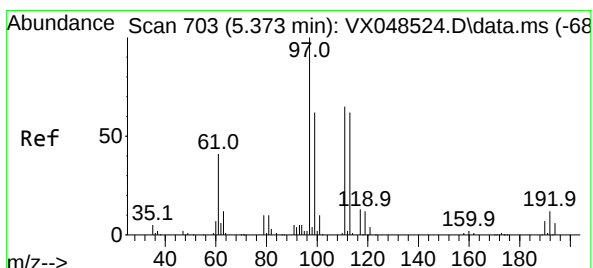
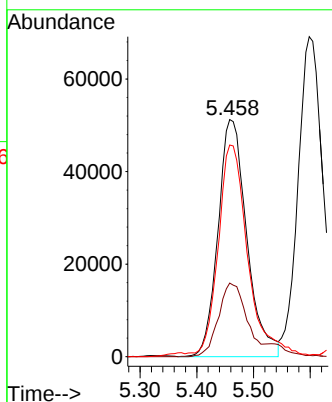
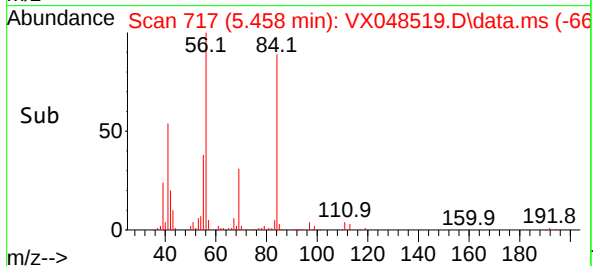
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 180420
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 87.6 66.3 99.5

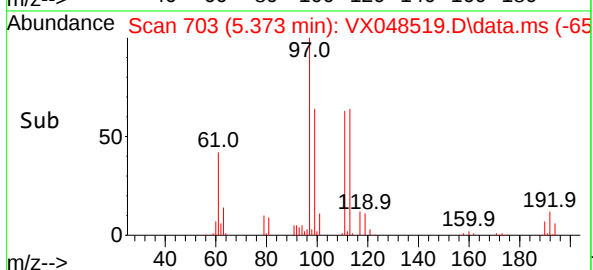
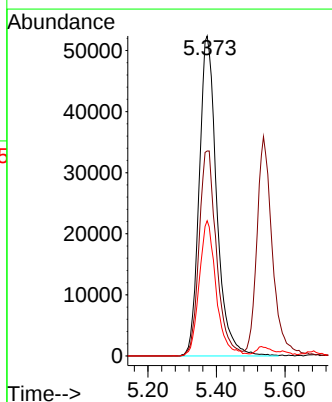
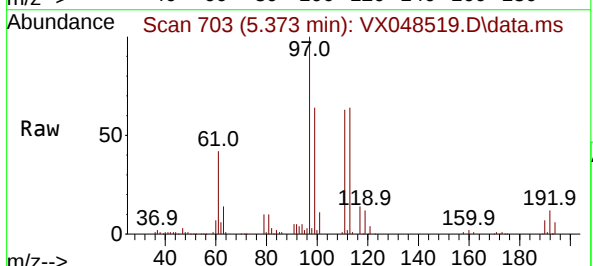
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#32
1,1,1-Trichloroethane
Concen: 46.544 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Tgt Ion: 97 Resp: 185840
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 41.2 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 47.070 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 127284

Ion Ratio Lower Upper

65 100

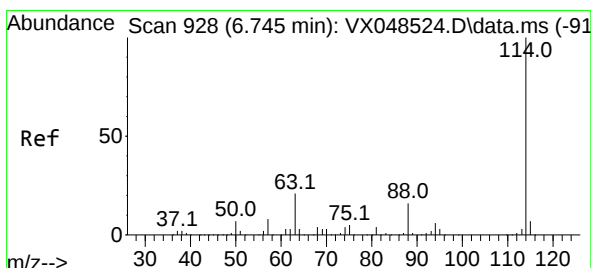
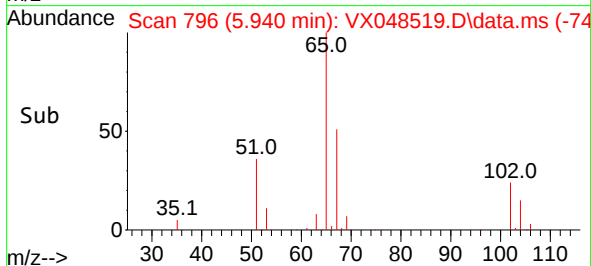
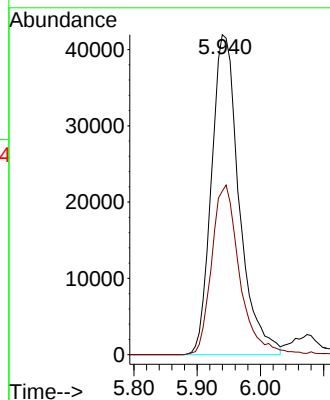
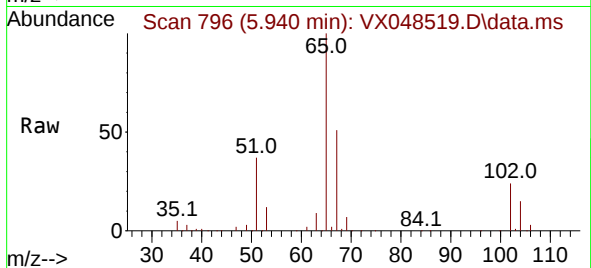
67 53.6 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

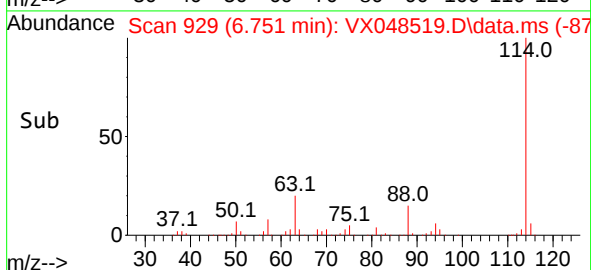
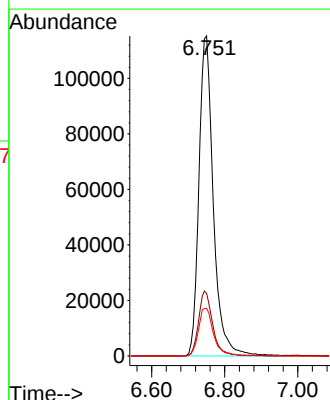
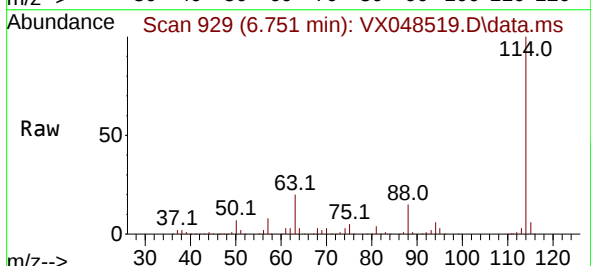
Tgt Ion:114 Resp: 316111

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.2

88 14.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 46.606 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

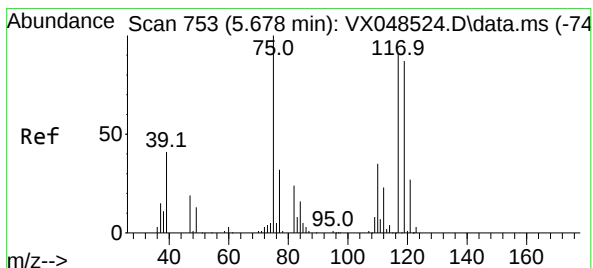
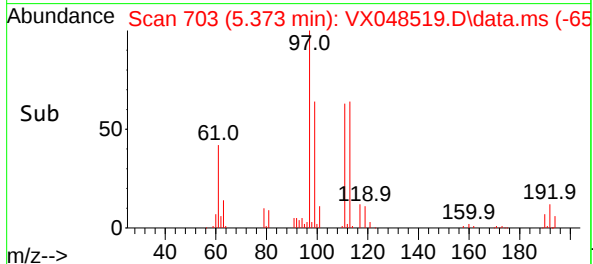
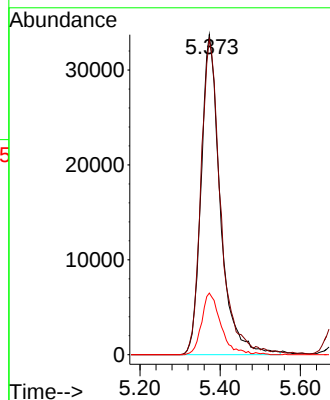
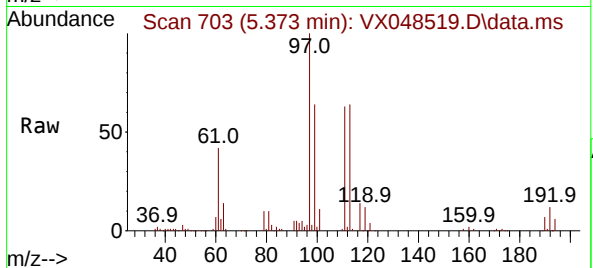
Tgt Ion:113 Resp: 11150
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 19.3 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#36

1,1-Dichloropropene

Concen: 45.914 ug/l

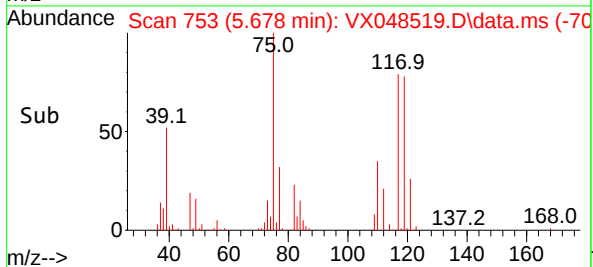
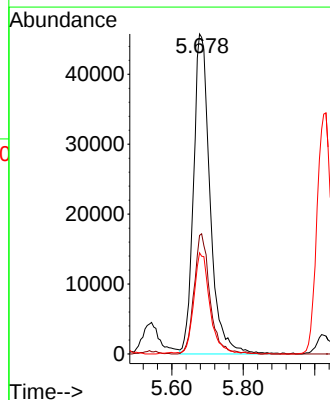
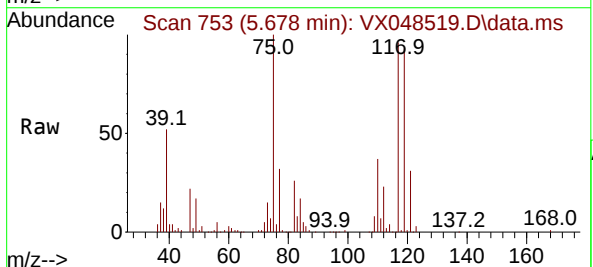
RT: 5.678 min Scan# 753

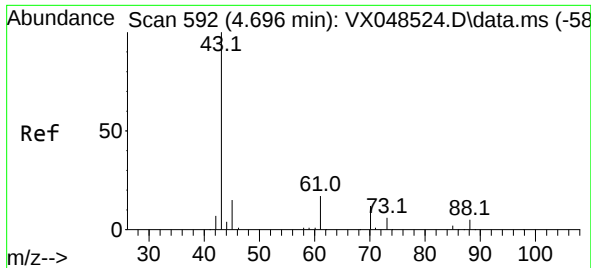
Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Tgt Ion: 75 Resp: 147094
Ion Ratio Lower Upper
75 100
110 35.8 18.4 55.4
77 29.9 24.6 37.0





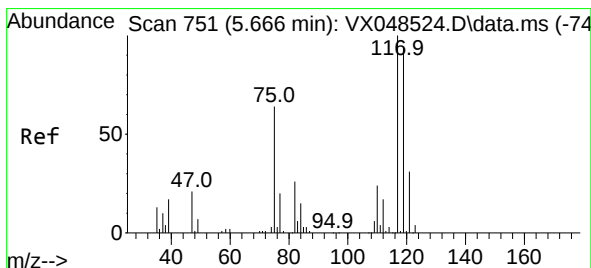
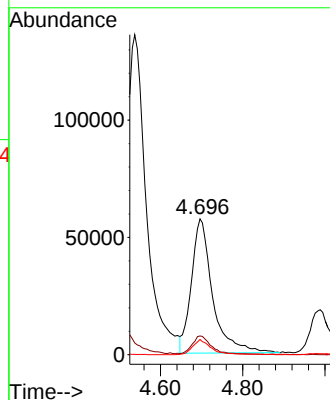
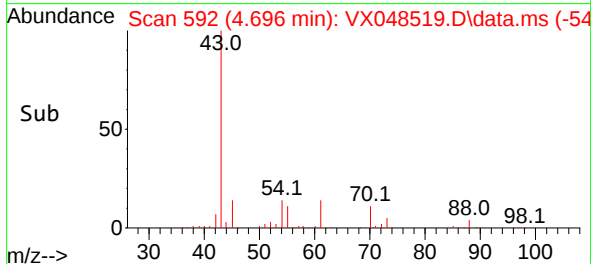
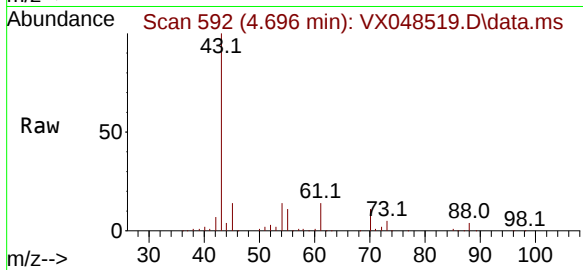
#37
Ethyl Acetate
Concen: 45.485 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 20512
Ion Ratio Lower Upper
43 100
61 12.1 9.7 14.5
70 9.7 7.7 11.5

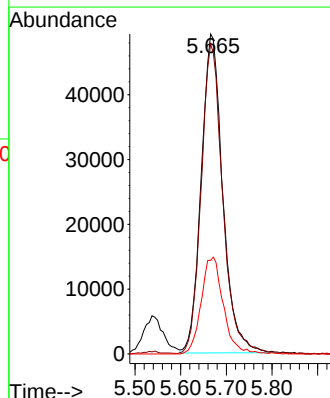
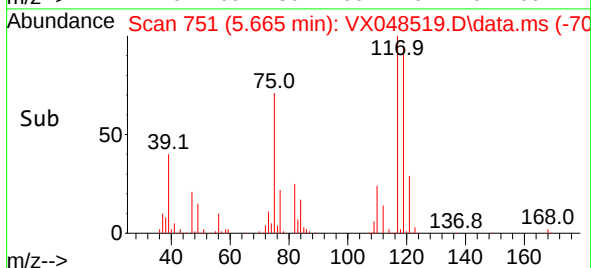
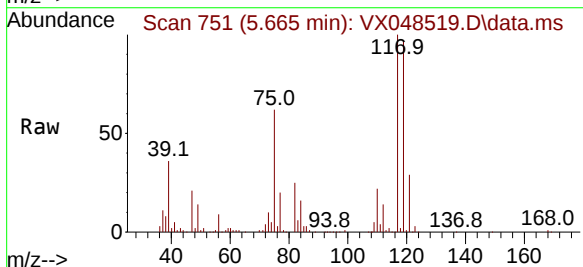
Manual Integrations
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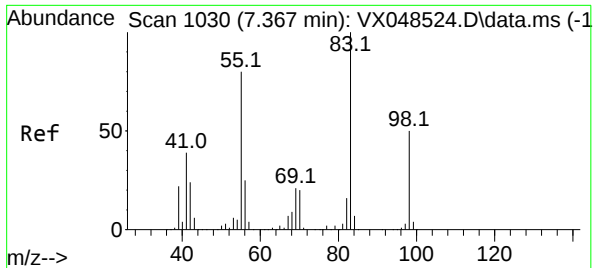
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#38
Carbon Tetrachloride
Concen: 44.246 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

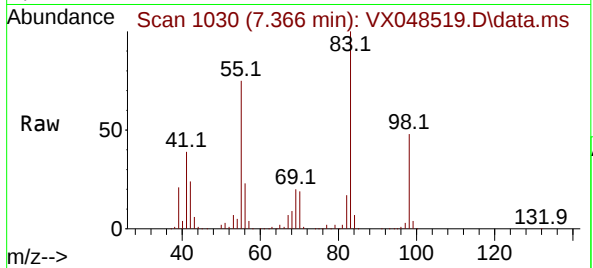
Tgt Ion:117 Resp: 161361
Ion Ratio Lower Upper
117 100
119 96.9 74.5 111.7
121 29.4 24.8 37.2





#39
Methylcyclohexane
Concen: 53.024 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

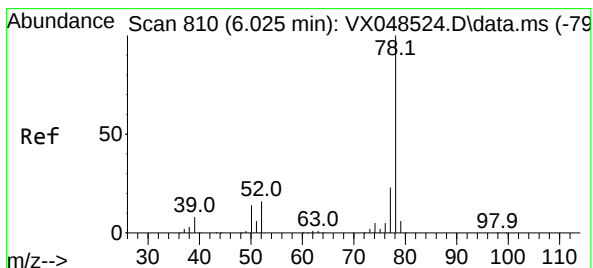
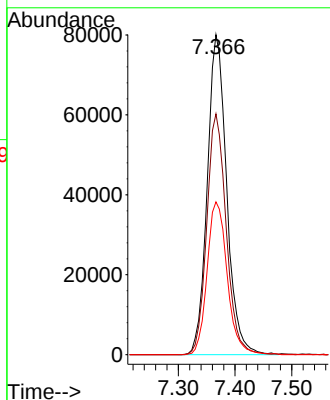
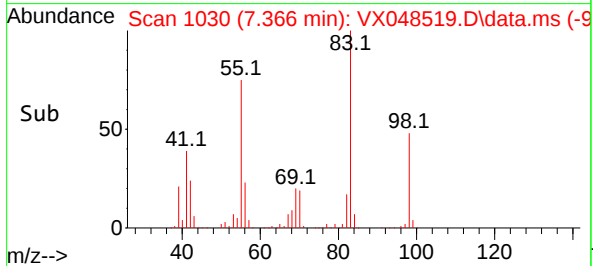
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 190738
Ion Ratio Lower Upper
83 100
55 75.3 63.8 95.6
98 47.7 40.3 60.5

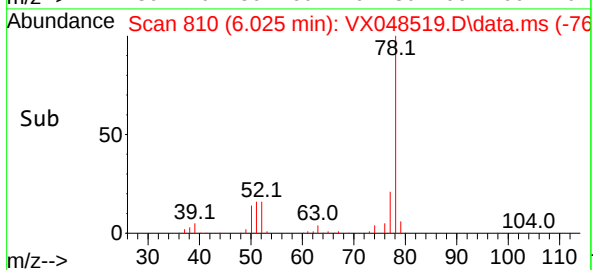
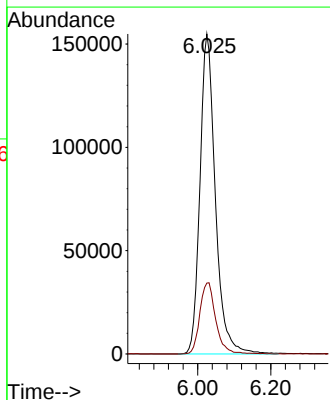
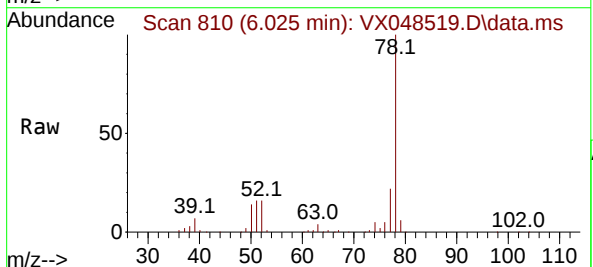
Manual Integrations
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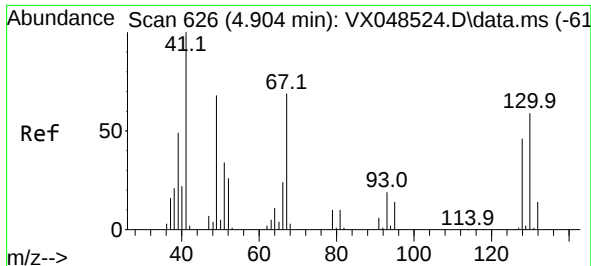
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#40
Benzene
Concen: 45.524 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

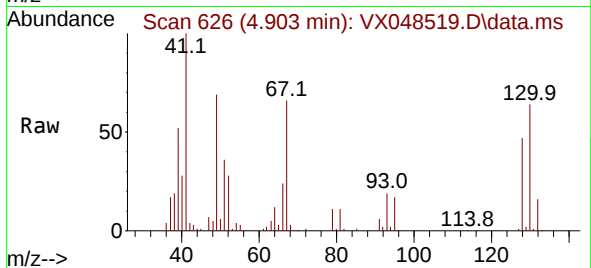
Tgt Ion: 78 Resp: 452094
Ion Ratio Lower Upper
78 100
77 22.2 18.3 27.5





#41
Methacrylonitrile
Concen: 44.846 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

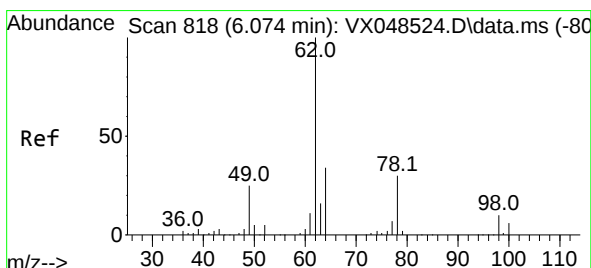
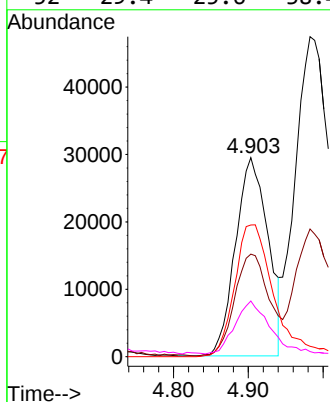
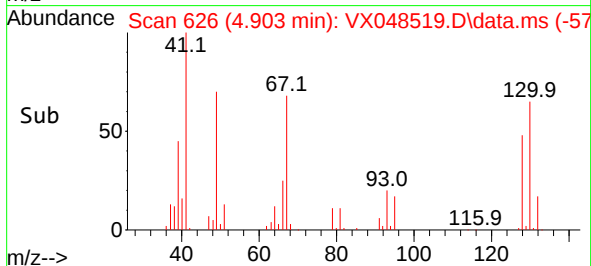
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 88939
Ion Ratio Lower Upper
41 100
39 55.3 41.1 61.7
67 81.9 64.2 96.2
52 29.4 25.6 38.4

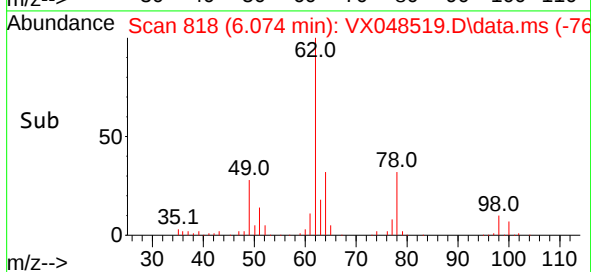
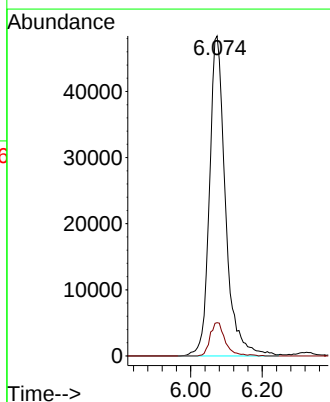
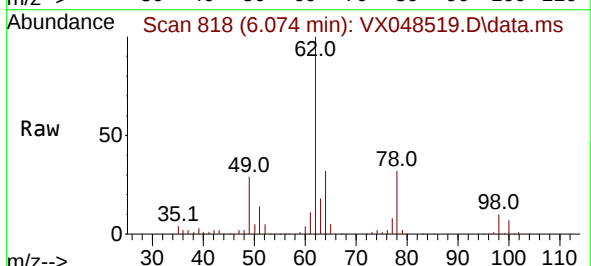
Manual Integrations
APPROVED

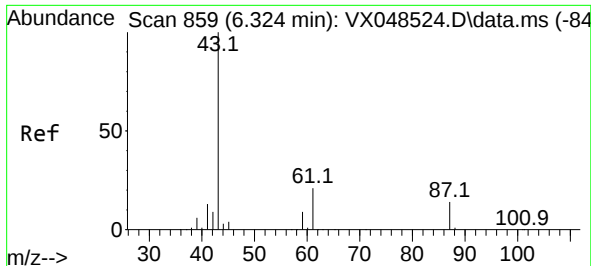
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#42
1,2-Dichloroethane
Concen: 44.283 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Tgt Ion: 62 Resp: 150677
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6





#43

Isopropyl Acetate

Concen: 45.660 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 289450

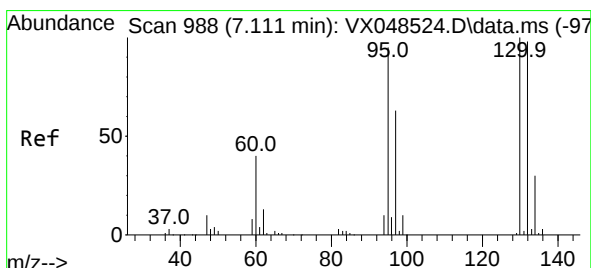
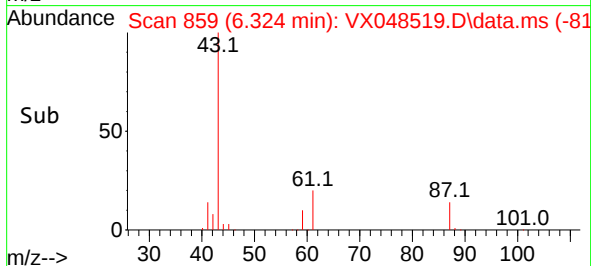
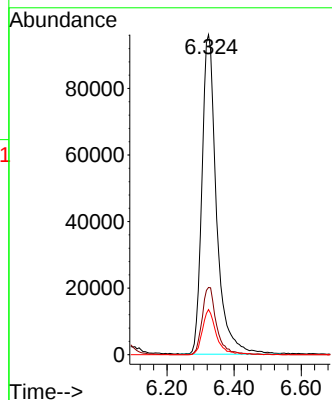
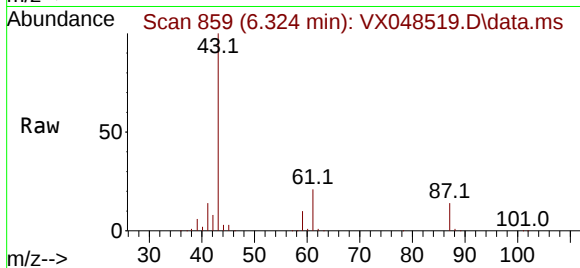
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.2	24.4
87	13.5	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#44

Trichloroethene

Concen: 49.397 ug/l

RT: 7.110 min Scan# 988

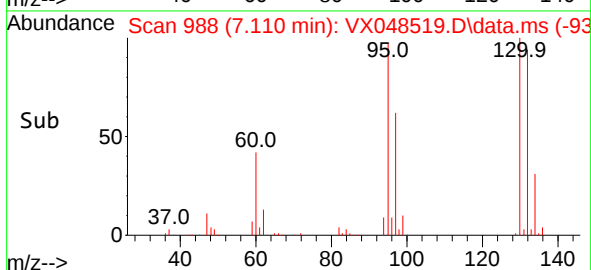
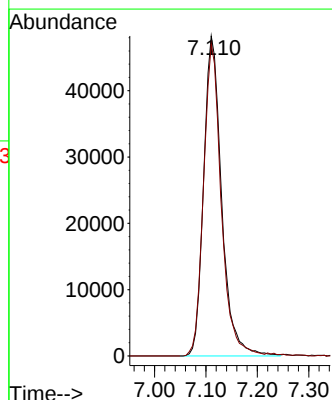
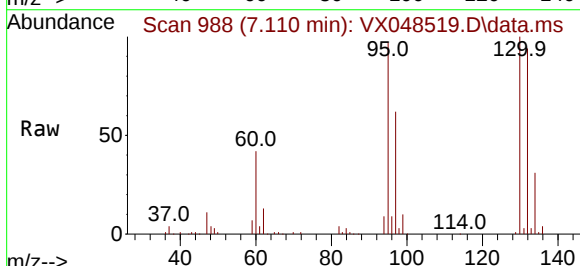
Delta R.T. -0.000 min

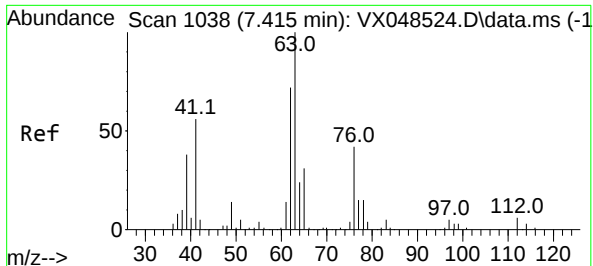
Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Tgt Ion:130 Resp: 117255

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	190.2





#45

1,2-Dichloropropane

Concen: 50.812 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 11602

Ion Ratio Lower Upper

63 100

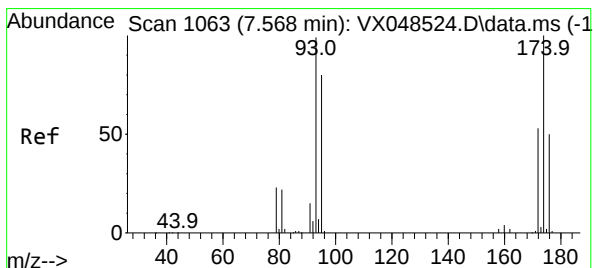
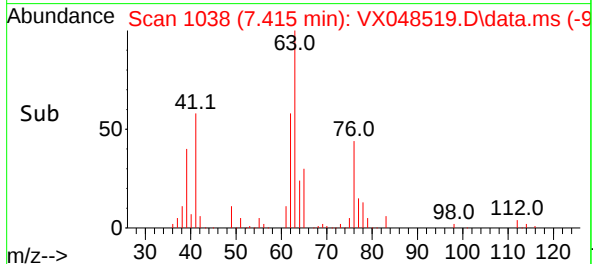
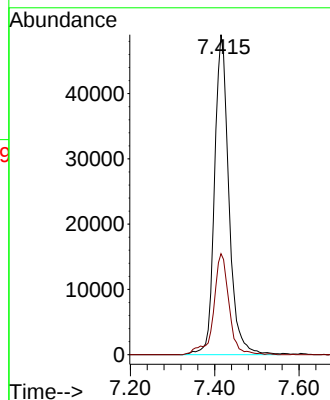
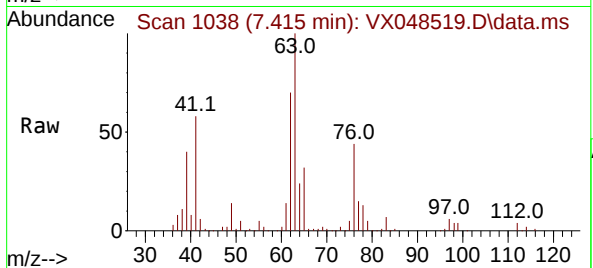
65 31.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#46

Dibromomethane

Concen: 50.494 ug/l

RT: 7.567 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

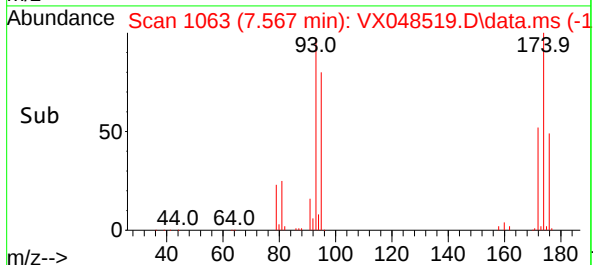
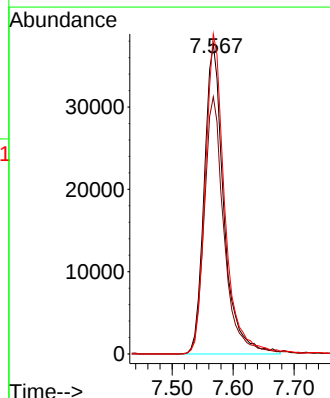
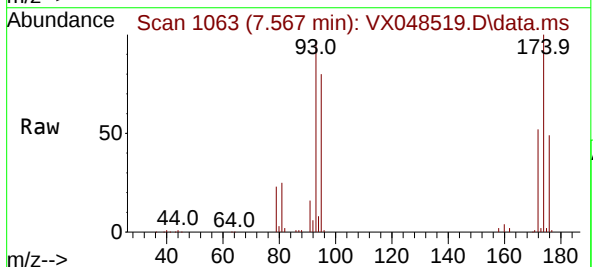
Tgt Ion: 93 Resp: 84094

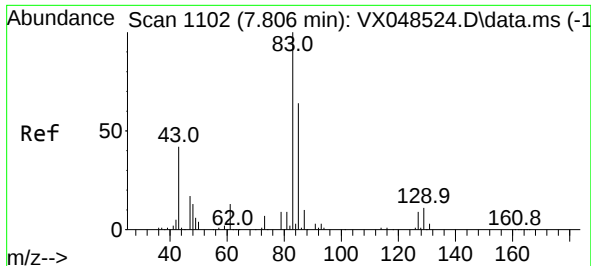
Ion Ratio Lower Upper

93 100

95 84.2 67.6 101.4

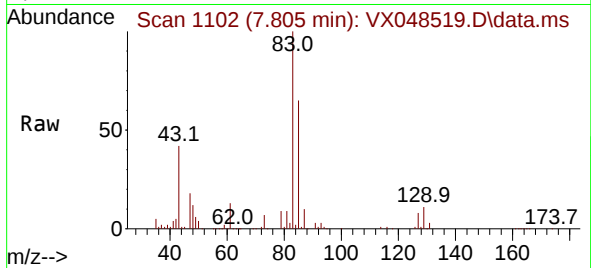
174 102.8 83.0 124.6





#47
Bromodichloromethane
Concen: 52.414 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

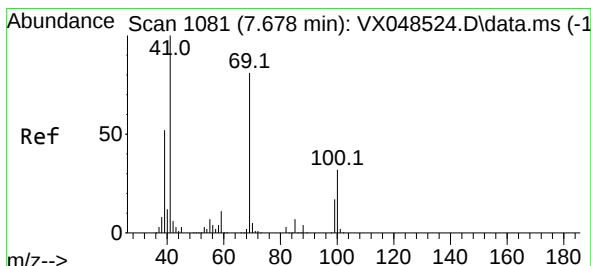
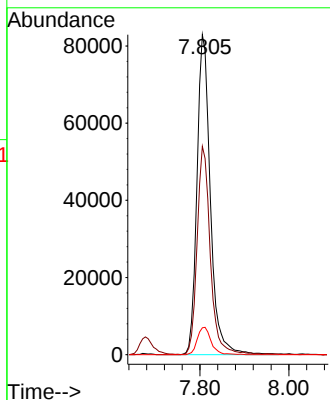
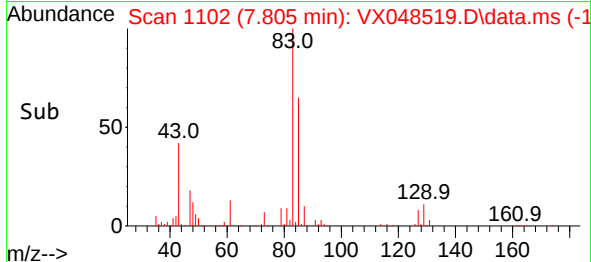
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 17414
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0
127 8.4 7.0 10.4

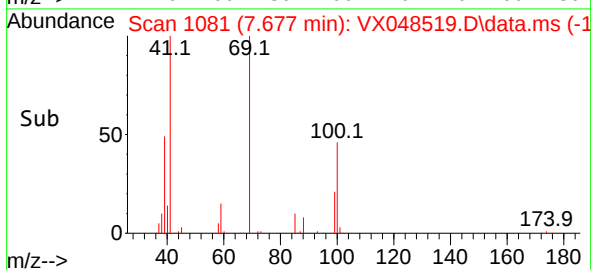
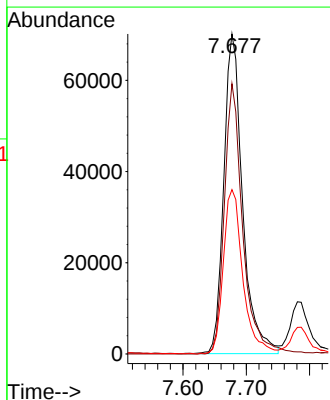
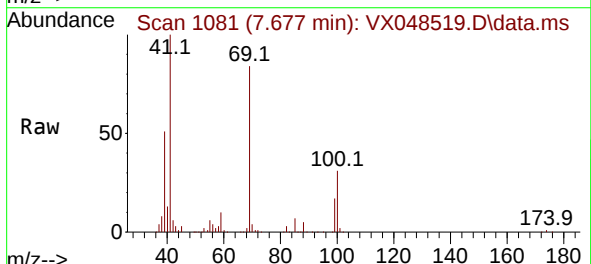
Manual Integrations
APPROVED

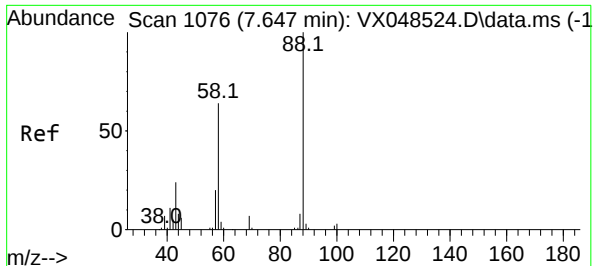
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#48
Methyl methacrylate
Concen: 51.268 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Tgt Ion: 41 Resp: 144473
Ion Ratio Lower Upper
41 100
69 83.3 67.9 101.9
39 53.5 42.2 63.2





#49

1,4-Dioxane

Concen: 1056.119 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

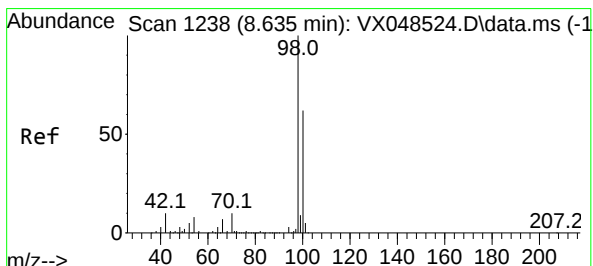
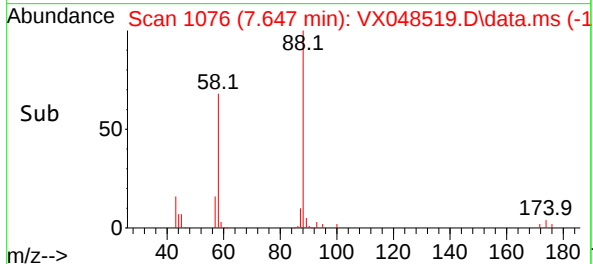
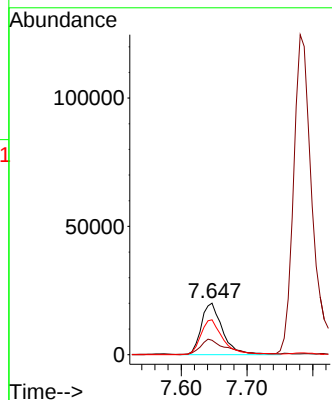
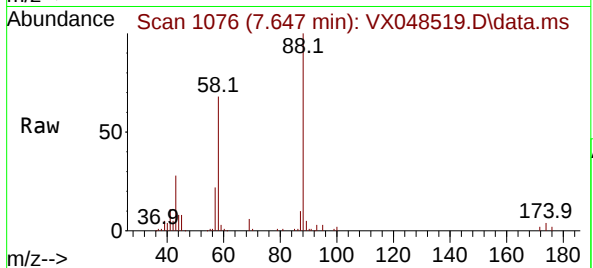
Tgt Ion: 88 Resp: 45349
 Ion Ratio Lower Upper
 88 100
 43 34.3 25.1 37.7
 58 70.7 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#50

Toluene-d8

Concen: 52.862 ug/l

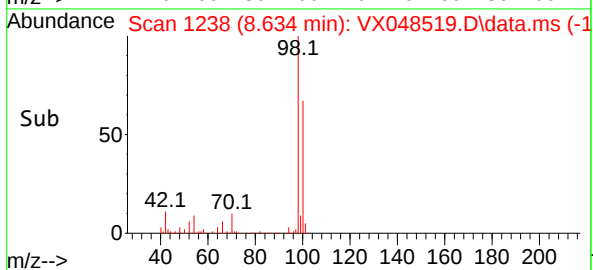
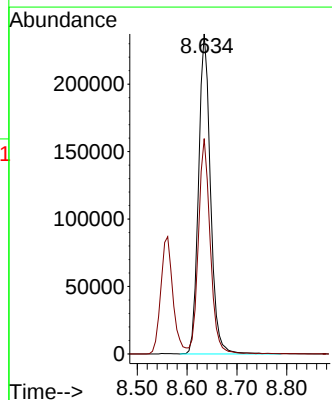
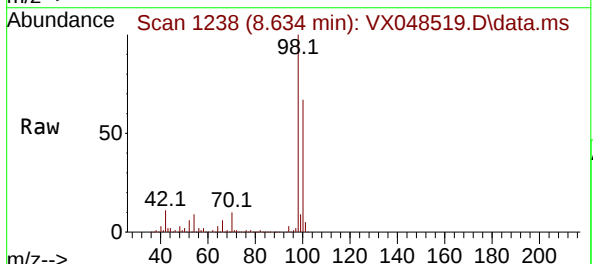
RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

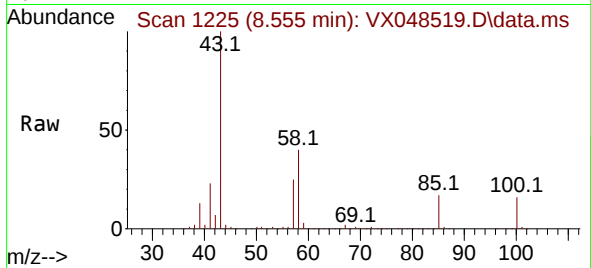
Tgt Ion: 98 Resp: 394449
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 258.084 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

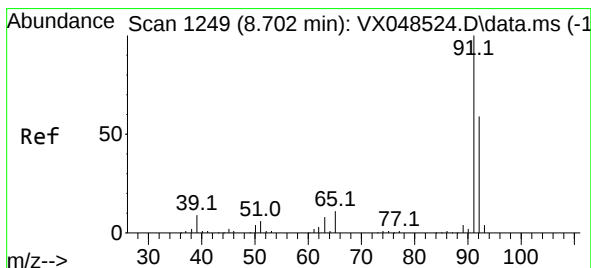
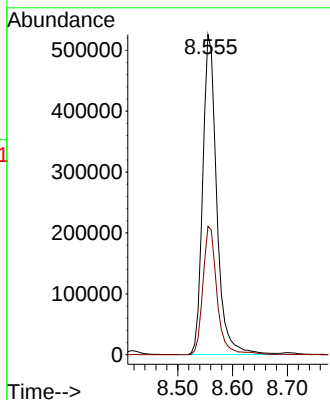
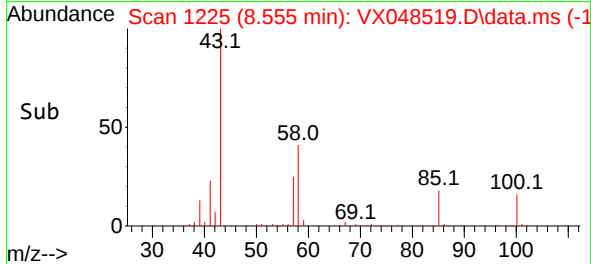
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 931289
Ion Ratio Lower Upper
43 100
58 40.7 32.3 48.5

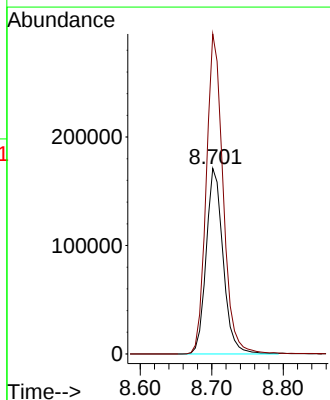
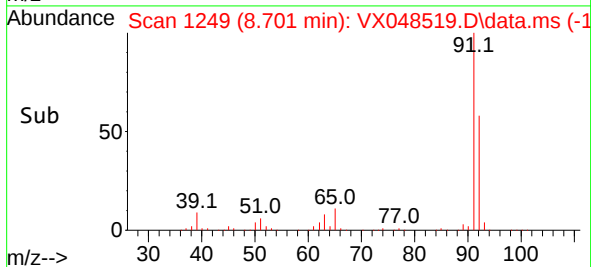
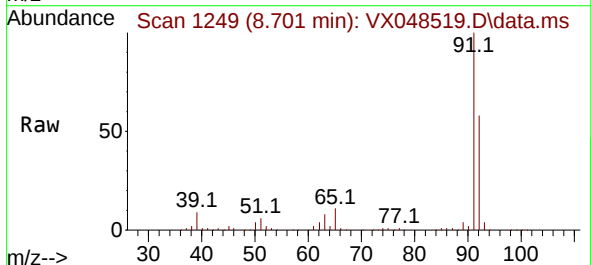
Manual Integrations
APPROVED

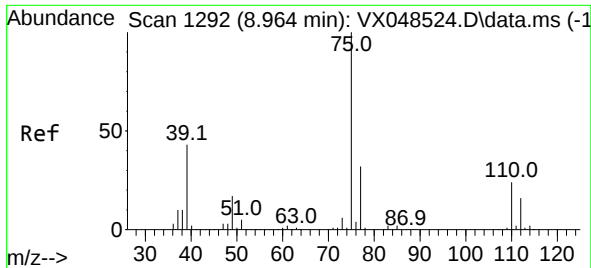
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#52
Toluene
Concen: 53.833 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Tgt Ion: 92 Resp: 281459
Ion Ratio Lower Upper
92 100
91 171.6 137.0 205.6





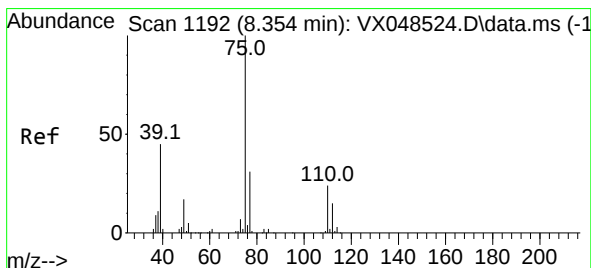
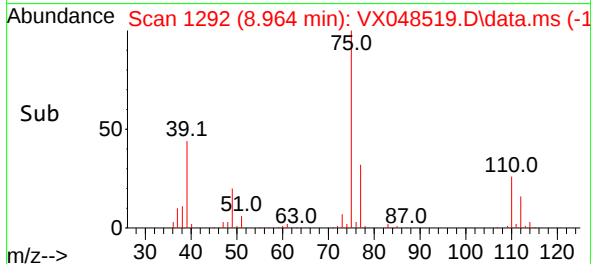
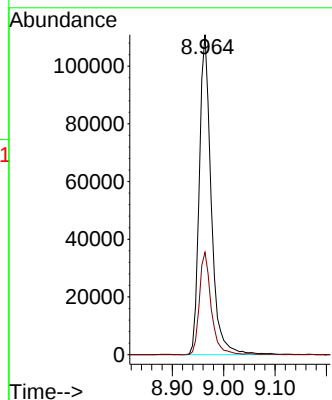
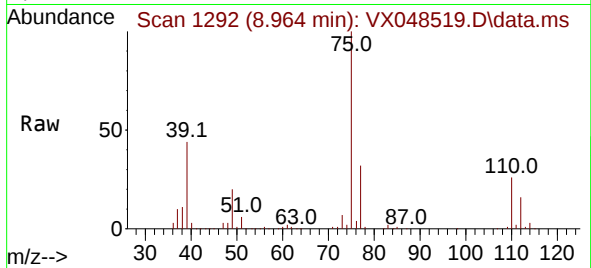
#53
t-1,3-Dichloropropene
Concen: 52.249 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 178874
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6

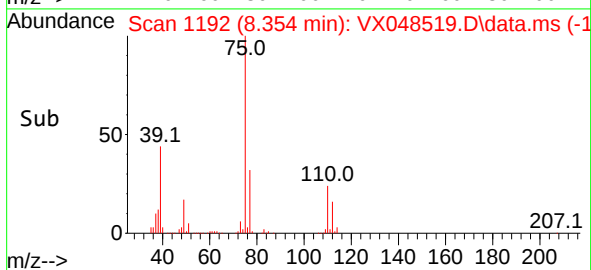
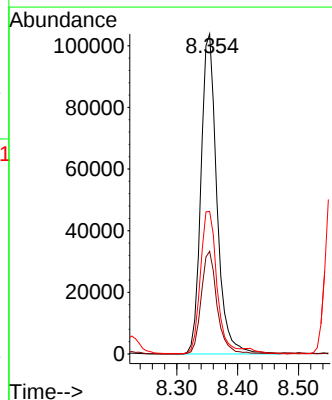
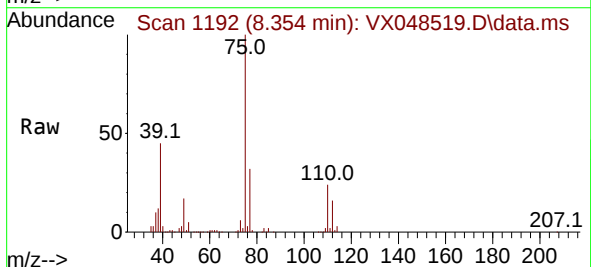
Manual Integrations
APPROVED

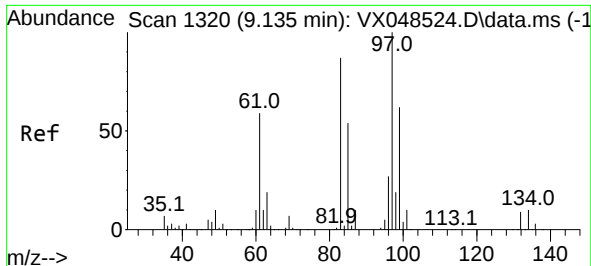
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#54
cis-1,3-Dichloropropene
Concen: 53.237 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Tgt Ion: 75 Resp: 188719
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1
39 44.5 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 53.549 ug/l

RT: 9.134 min Scan# 1185

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 11185

Ion Ratio Lower Upper

97 100

83 83.3 69.2 103.8

85 54.7 42.8 64.2

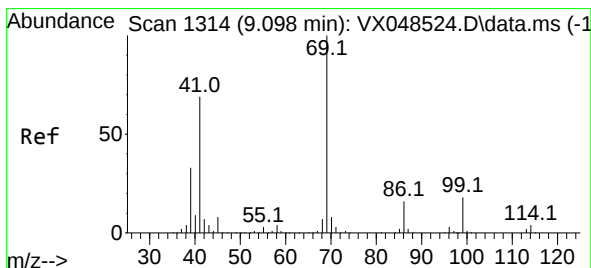
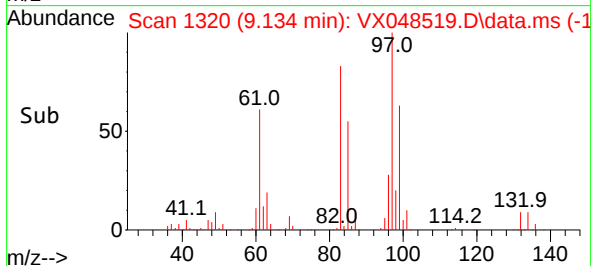
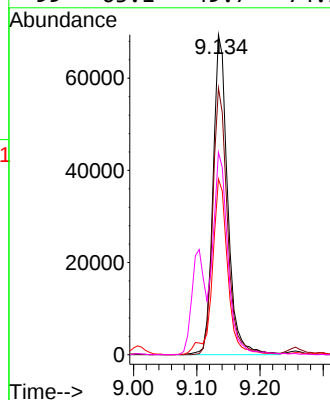
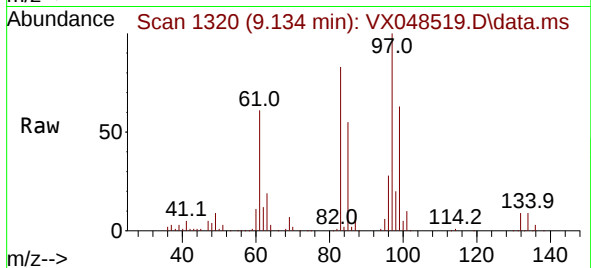
99 63.1 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#56

Ethyl methacrylate

Concen: 54.426 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

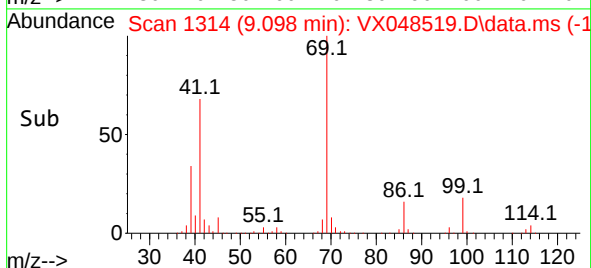
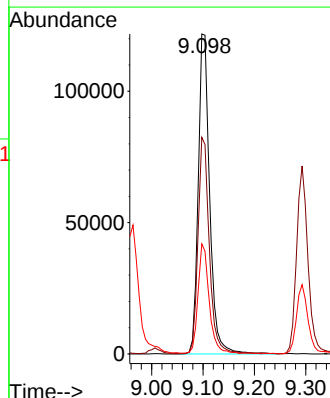
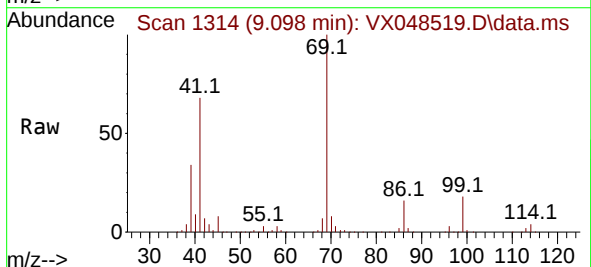
Tgt Ion: 69 Resp: 189151

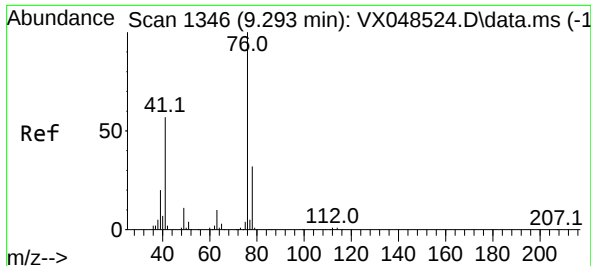
Ion Ratio Lower Upper

69 100

41 66.7 53.3 79.9

39 33.3 26.1 39.1





#57

1,3-Dichloropropane

Concen: 51.411 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 186920

Ion Ratio Lower Upper

76 100

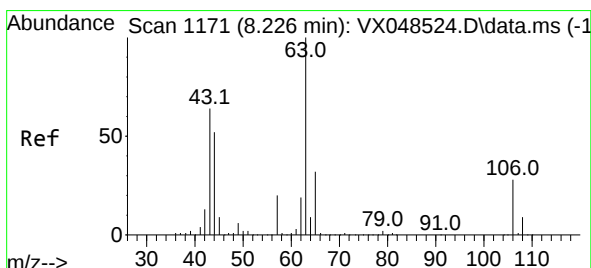
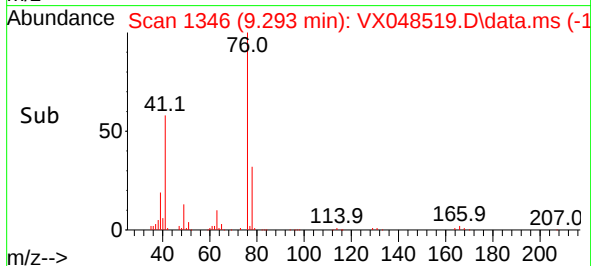
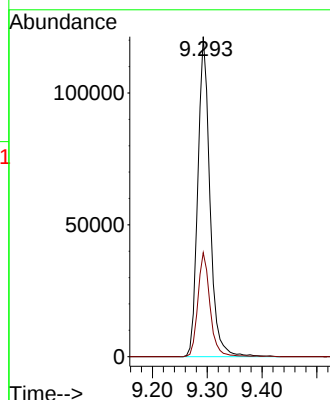
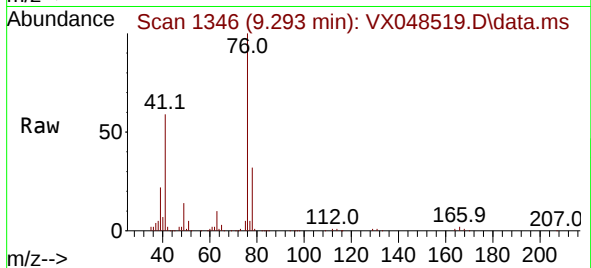
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 281.536 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048519.D

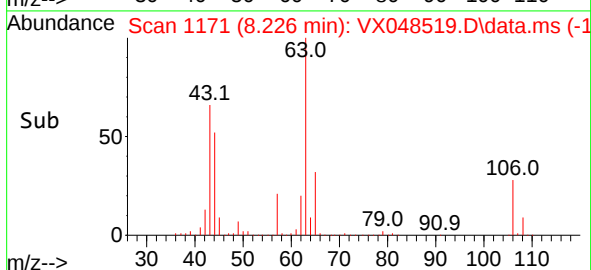
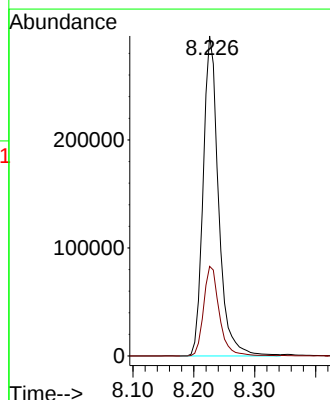
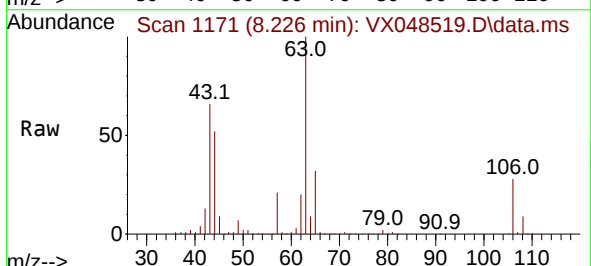
Acq: 07 Nov 2025 14:37

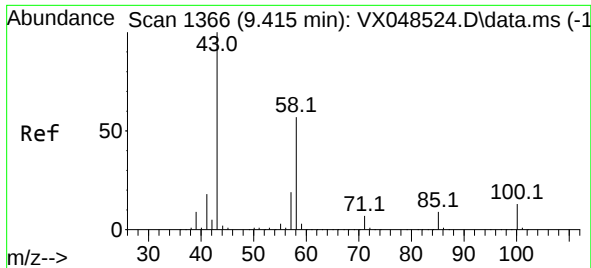
Tgt Ion: 63 Resp: 521372

Ion Ratio Lower Upper

63 100

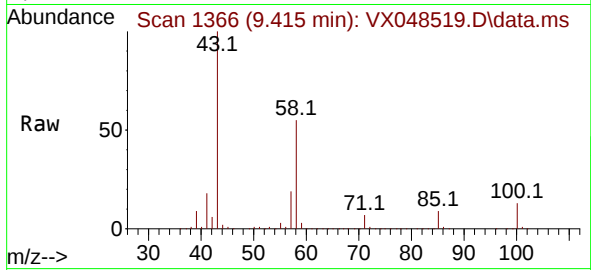
106 28.5 23.0 34.4





#59
2-Hexanone
Concen: 259.385 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

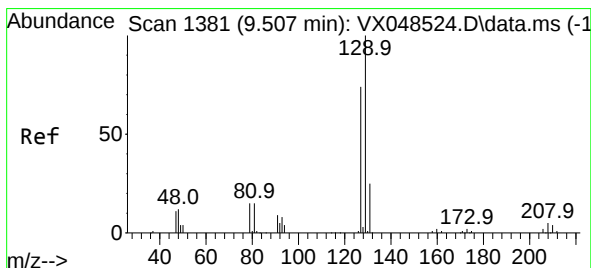
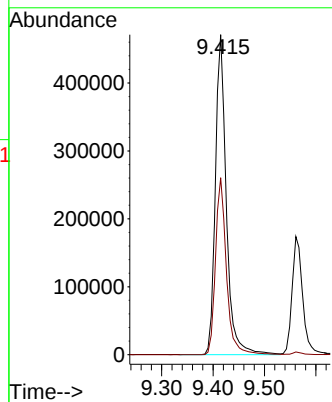
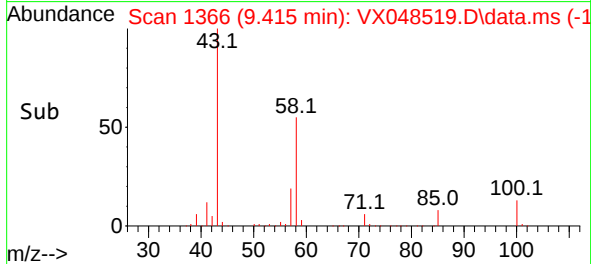
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



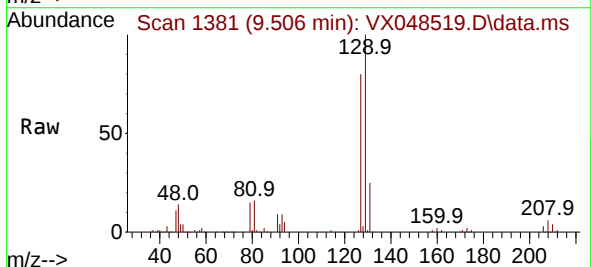
Tgt Ion: 43 Resp: 696238
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.2

Manual Integrations
APPROVED

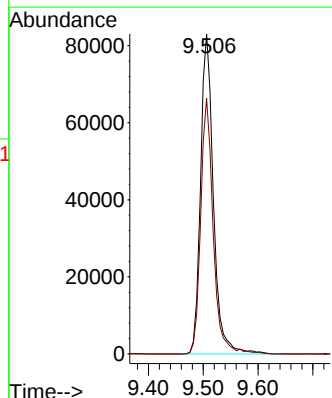
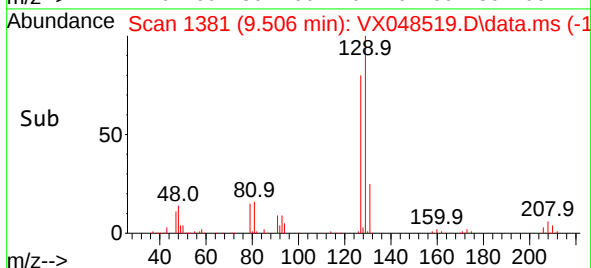
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

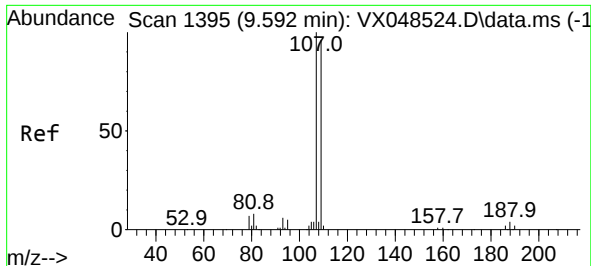


#60
Dibromochloromethane
Concen: 52.734 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37



Tgt Ion:129 Resp: 135249
Ion Ratio Lower Upper
129 100
127 78.0 38.0 114.0





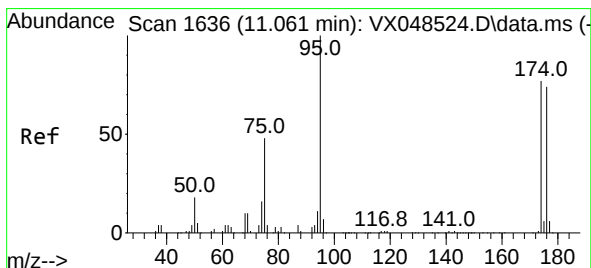
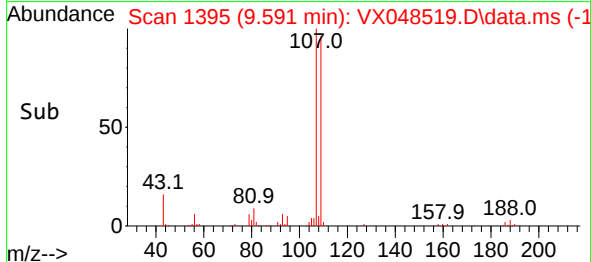
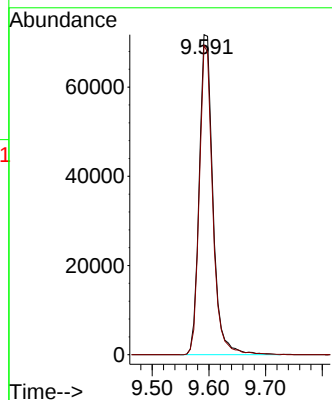
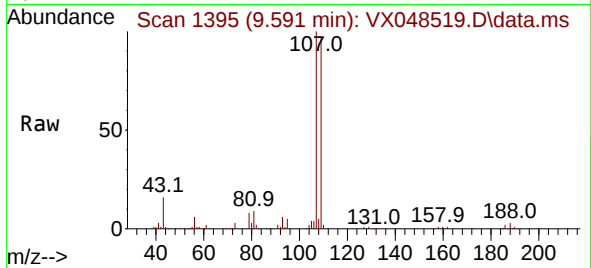
#61
1,2-Dibromoethane
Concen: 53.127 ug/l
RT: 9.591 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 120200
Ion Ratio Lower Upper
107 100
109 94.5 75.3 112.9

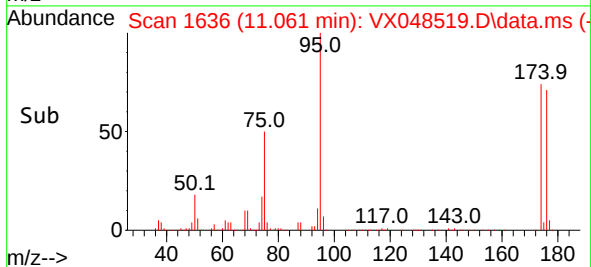
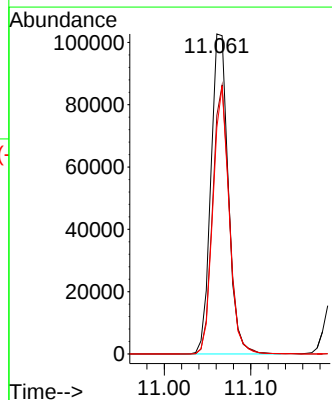
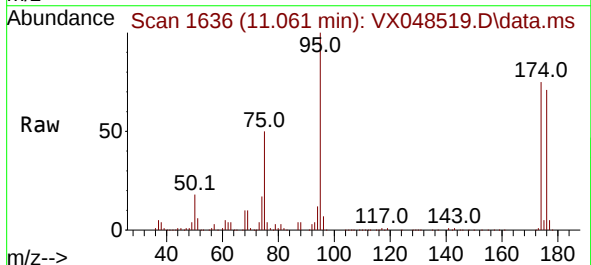
Manual Integrations
APPROVED

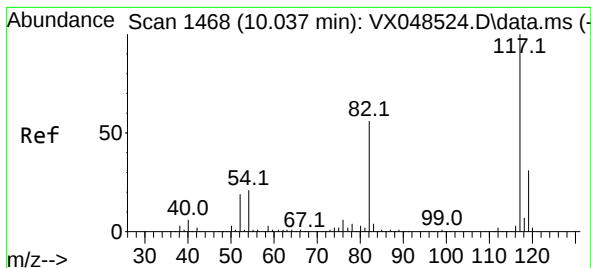
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#62
4-Bromofluorobenzene
Concen: 51.514 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

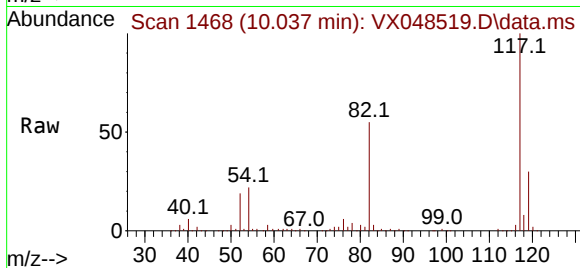
Tgt Ion: 95 Resp: 143249
Ion Ratio Lower Upper
95 100
174 80.6 0.0 161.8
176 77.9 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

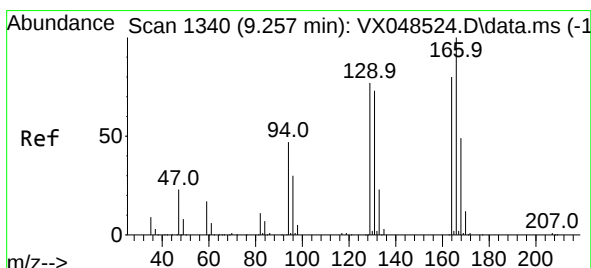
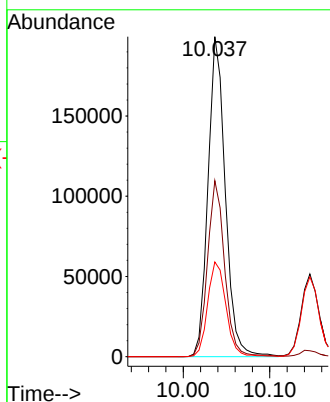
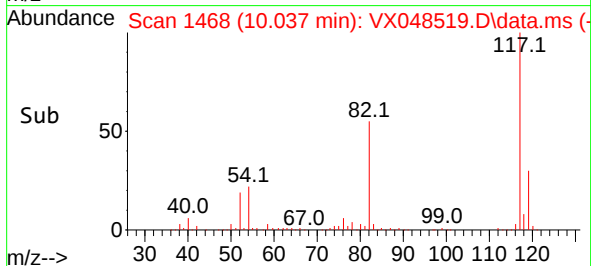
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 276470
Ion Ratio Lower Upper
117 100
82 55.0 44.4 66.6
119 29.6 25.1 37.7

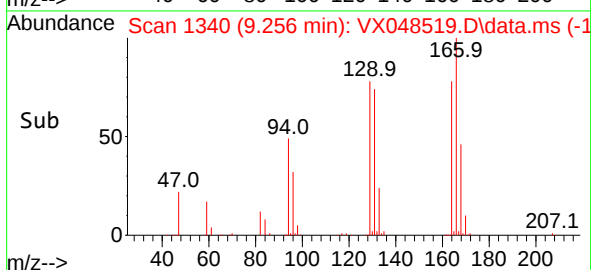
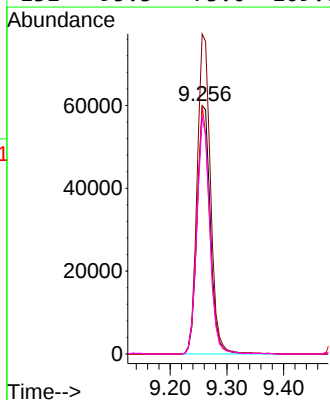
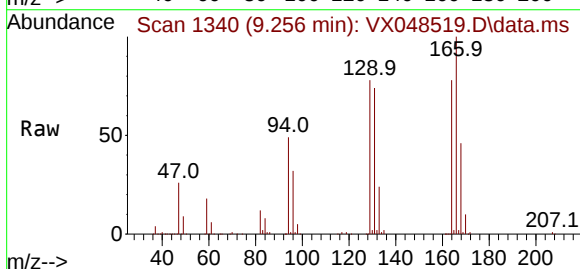
Manual Integrations
APPROVED

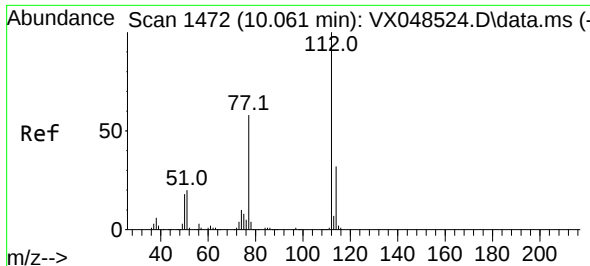
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#64
Tetrachloroethene
Concen: 48.399 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Tgt Ion:164 Resp: 97190
Ion Ratio Lower Upper
164 100
166 128.8 100.6 150.8
129 100.2 77.6 116.4
131 95.3 73.0 109.6





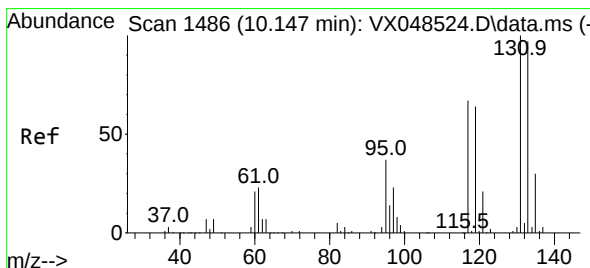
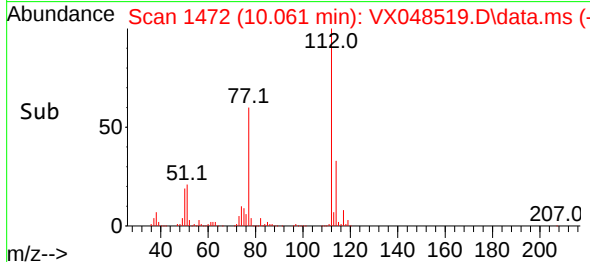
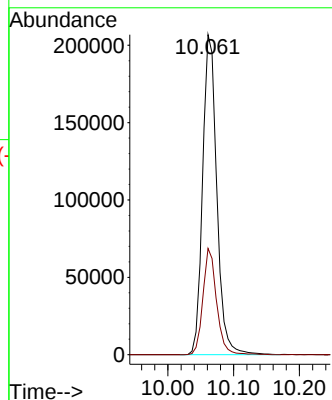
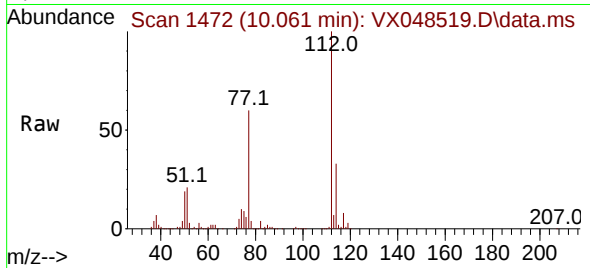
#65
Chlorobenzene
Concen: 47.313 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 310479
Ion Ratio Lower Upper
112 100
114 33.2 25.5 38.3

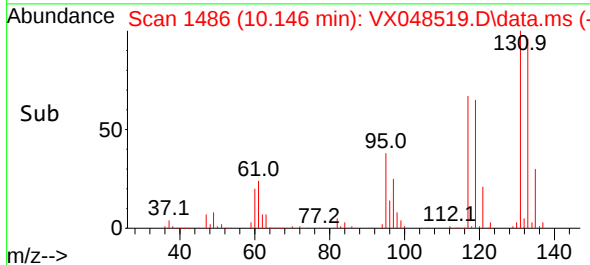
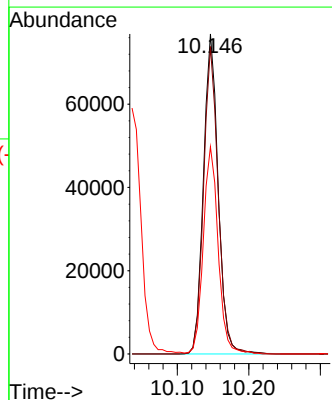
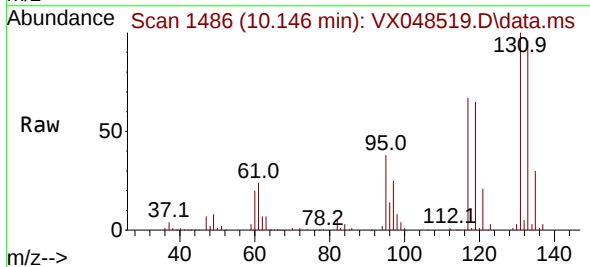
Manual Integrations
APPROVED

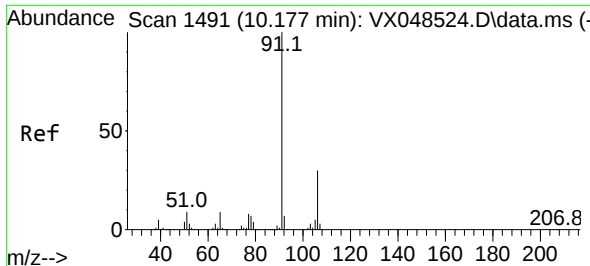
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.993 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Tgt Ion:131 Resp: 109923
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 65.6 32.8 98.3





#67

Ethyl Benzene

Concen: 48.668 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 536300

Ion Ratio Lower Upper

91 100

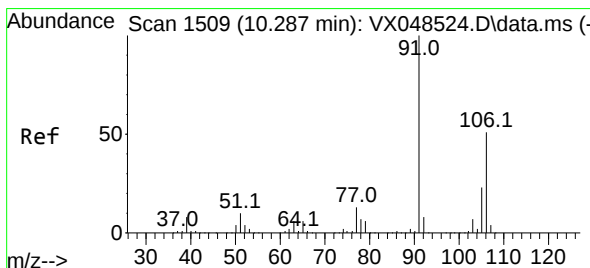
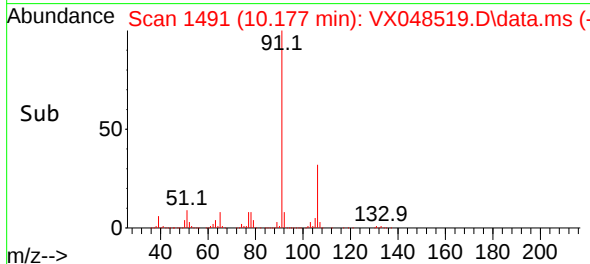
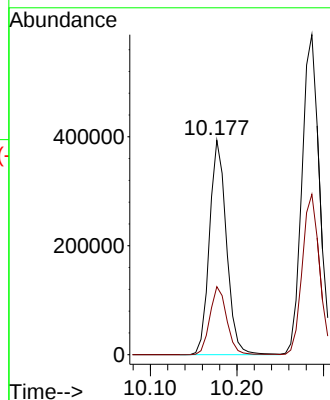
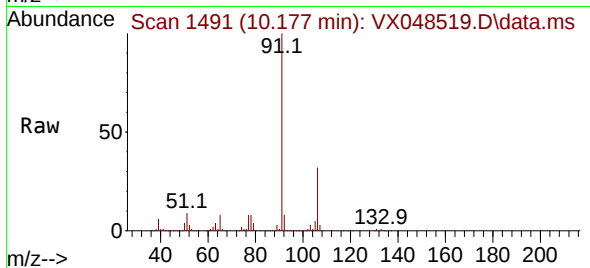
106 31.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#68

m/p-Xylenes

Concen: 99.733 ug/l

RT: 10.286 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048519.D

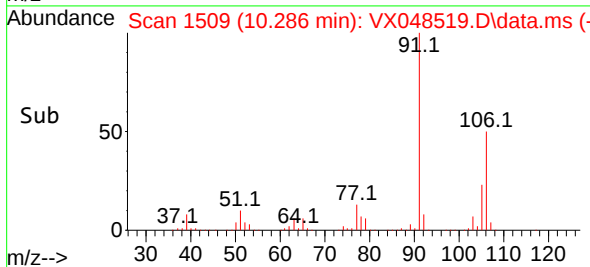
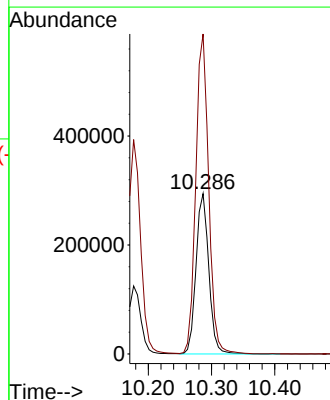
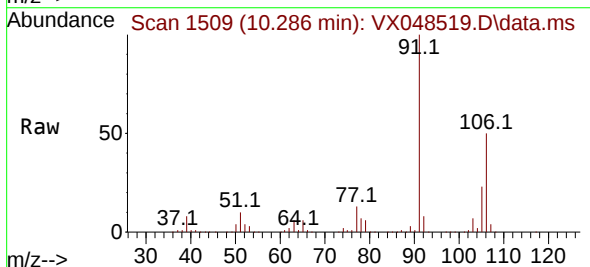
Acq: 07 Nov 2025 14:37

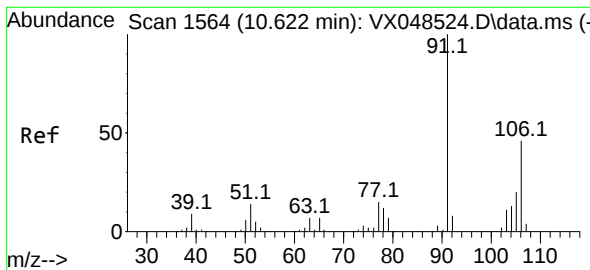
Tgt Ion:106 Resp: 413914

Ion Ratio Lower Upper

106 100

91 200.8 159.6 239.4





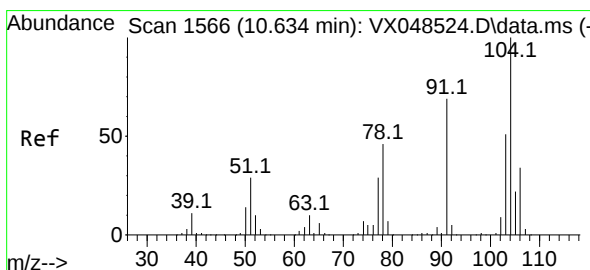
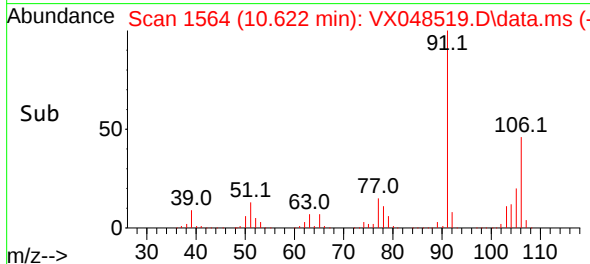
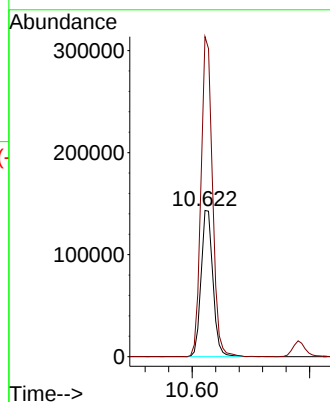
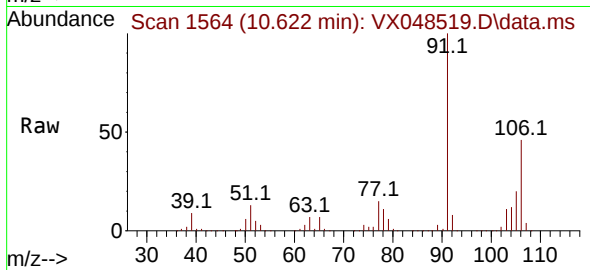
#69
o-Xylene
Concen: 49.447 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 200780
Ion Ratio Lower Upper
106 100
91 211.9 106.4 319.2

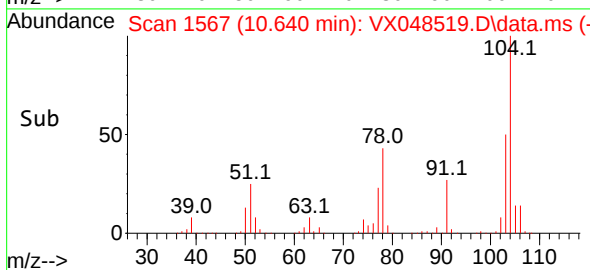
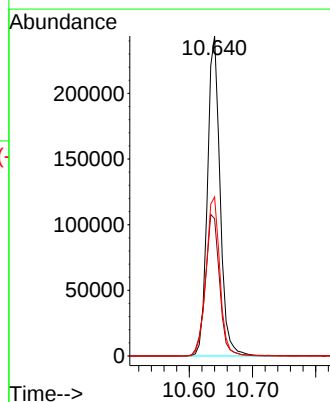
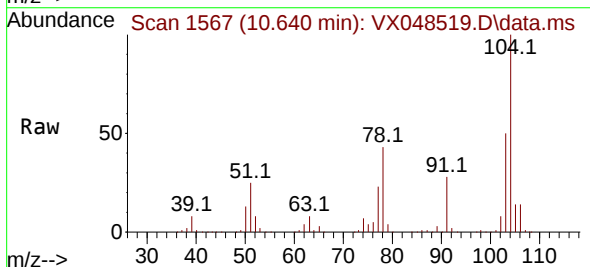
Manual Integrations
APPROVED

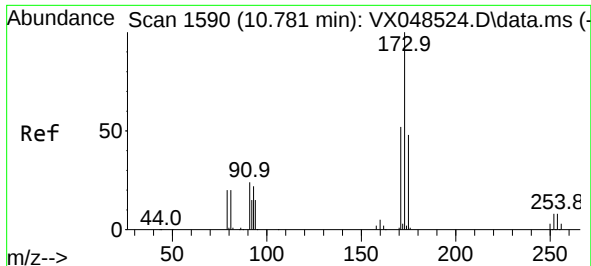
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#70
Styrene
Concen: 49.799 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

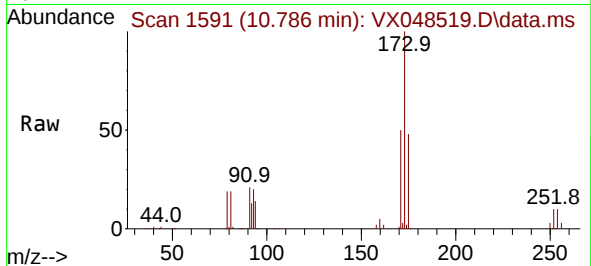
Tgt Ion:104 Resp: 339204
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.2
103 54.5 43.1 64.7





#71
Bromoform
Concen: 47.270 ug/l
RT: 10.786 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

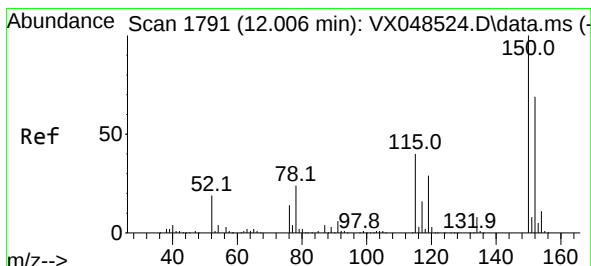
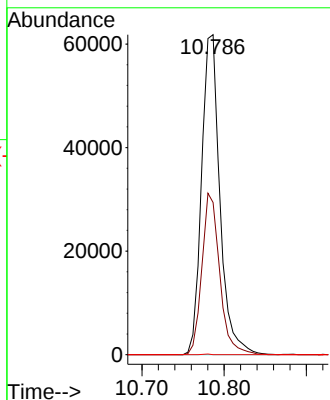
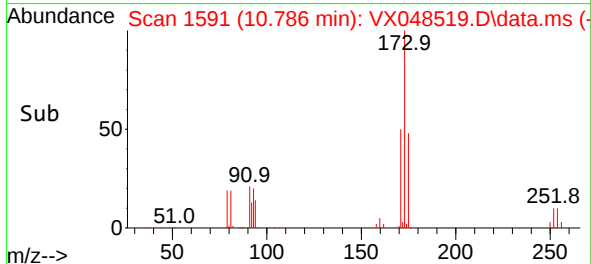
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 9588
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.4
254 0.1 0.1 0.1

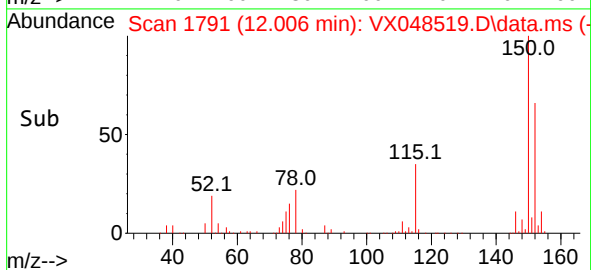
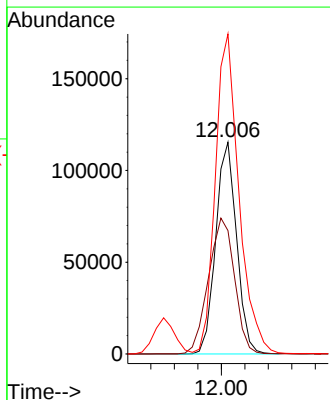
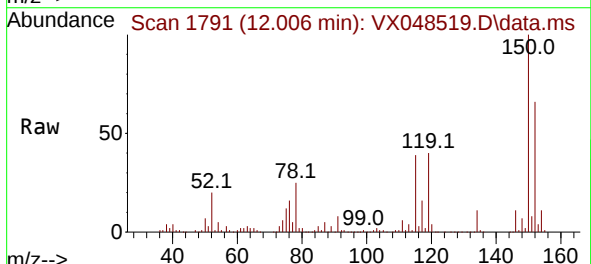
Manual Integrations
APPROVED

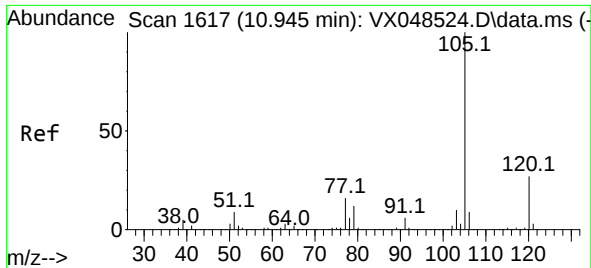
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

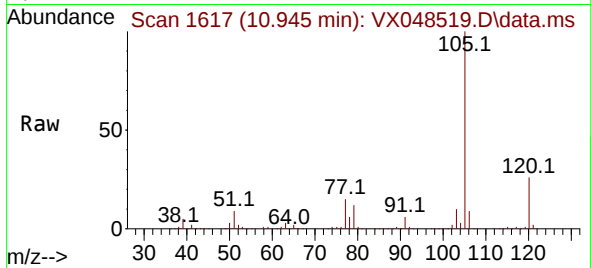
Tgt Ion:152 Resp: 142334
Ion Ratio Lower Upper
152 100
115 80.4 39.2 117.6
150 171.2 0.0 347.0





#73
Isopropylbenzene
Concen: 50.294 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

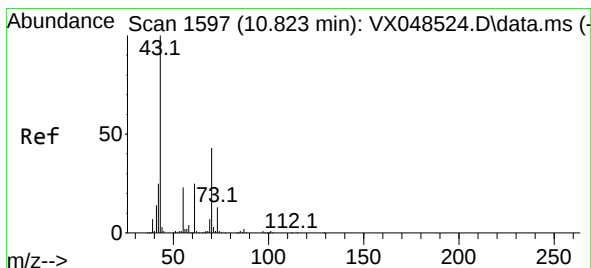
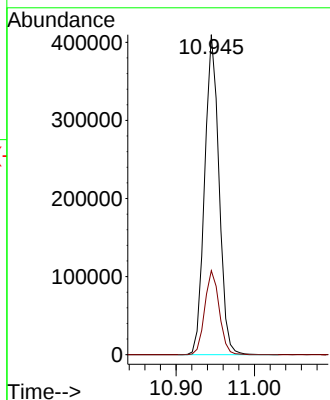
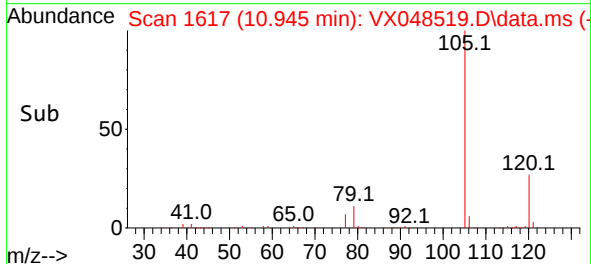
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 519610
Ion Ratio Lower Upper
105 100
120 26.5 13.6 40.7

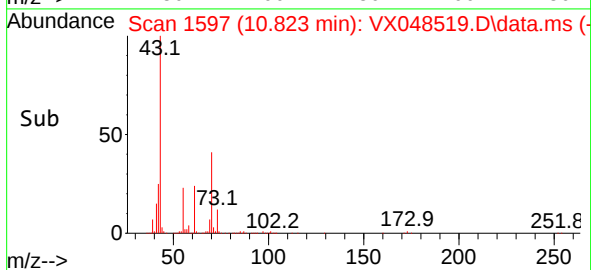
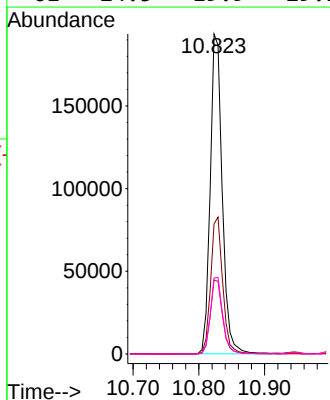
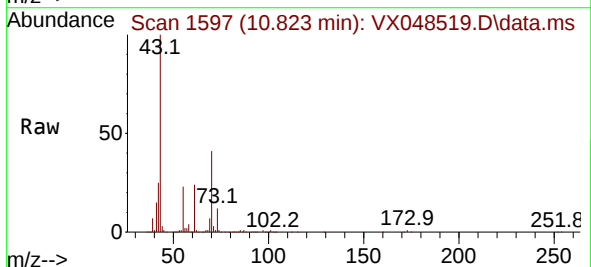
Manual Integrations
APPROVED

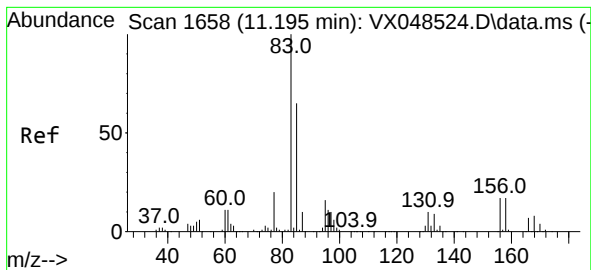
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#74
N-ethyl acetate
Concen: 47.463 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Tgt Ion: 43 Resp: 246220
Ion Ratio Lower Upper
43 100
70 42.8 35.1 52.7
55 23.8 19.3 28.9
61 24.5 19.9 29.9





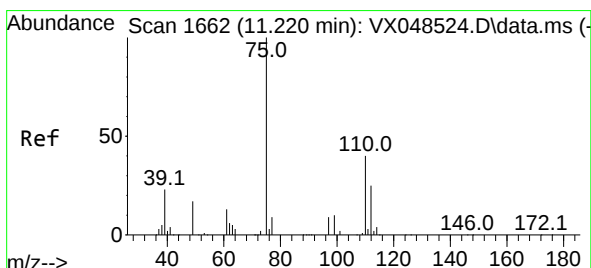
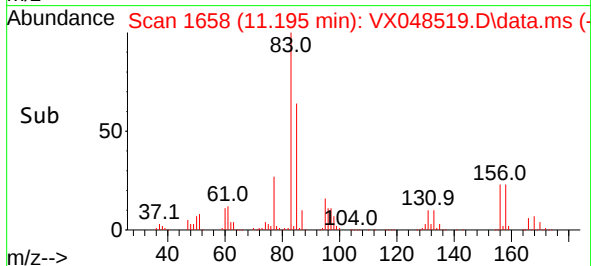
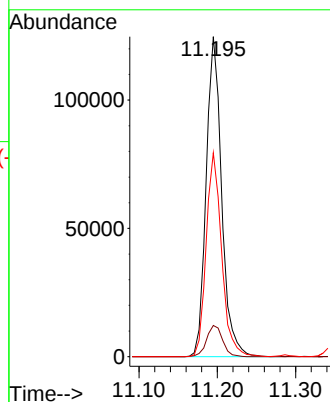
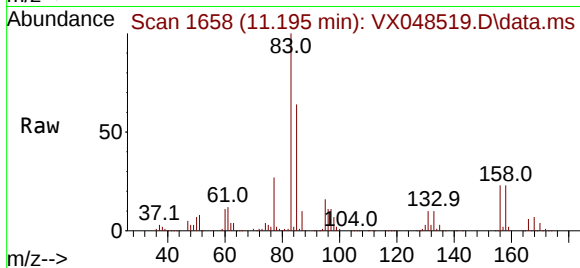
#75
1,1,2,2-Tetrachloroethane
Concen: 46.900 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 17087
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 63.7 32.3 96.8

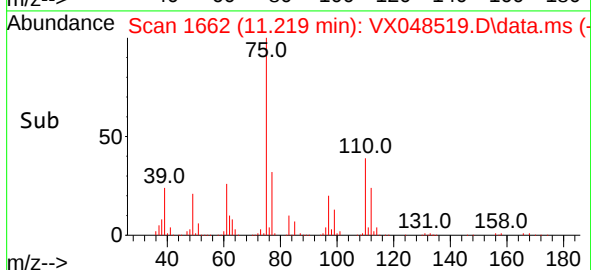
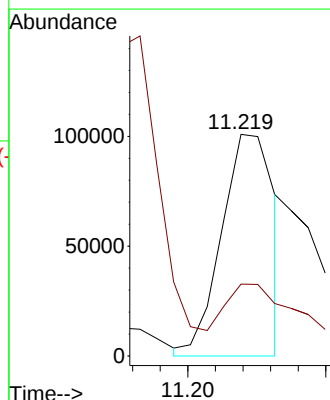
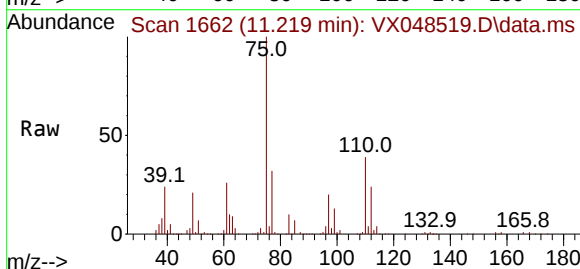
Manual Integrations
APPROVED

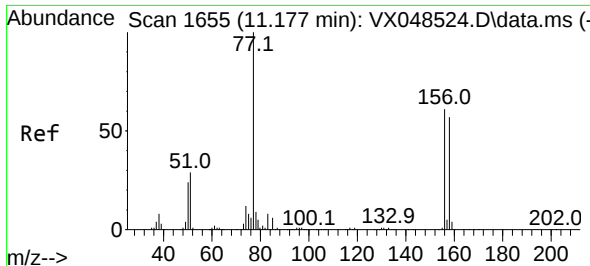
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#76
1,2,3-Trichloropropane
Concen: 43.950 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

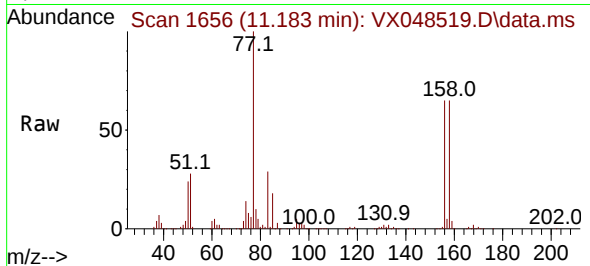
Tgt Ion: 75 Resp: 133378
Ion Ratio Lower Upper
75 100
77 46.8 24.3 72.8





#77
Bromobenzene
Concen: 48.398 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

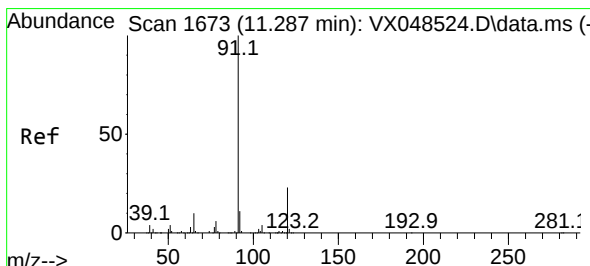
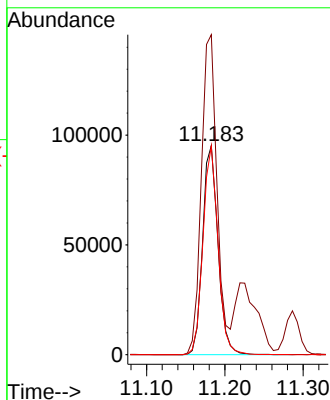
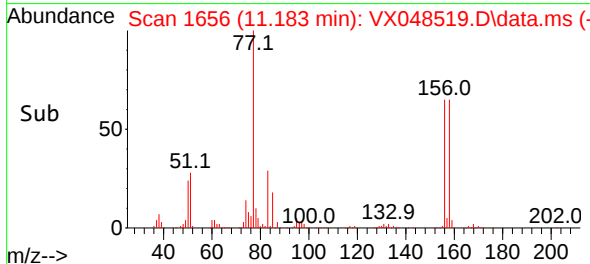
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 156 Resp: 129118
Ion Ratio Lower Upper
156 100
77 157.5 78.1 234.4
158 98.4 48.5 145.5

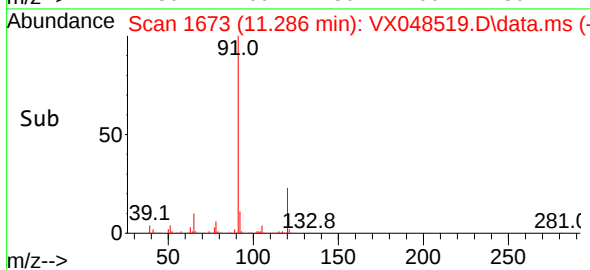
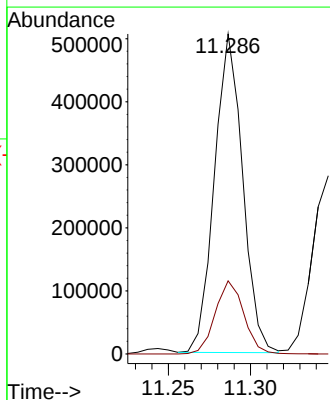
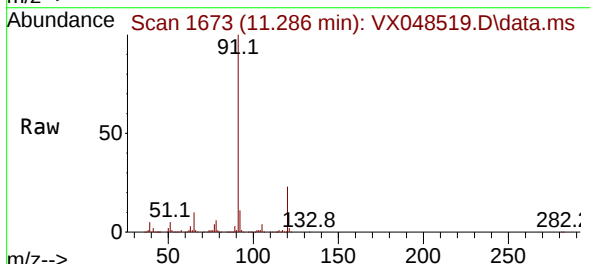
Manual Integrations
APPROVED

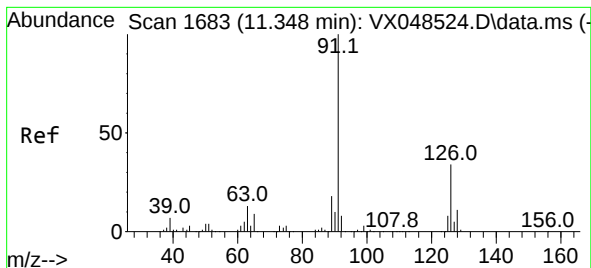
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#78
n-propylbenzene
Concen: 49.488 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

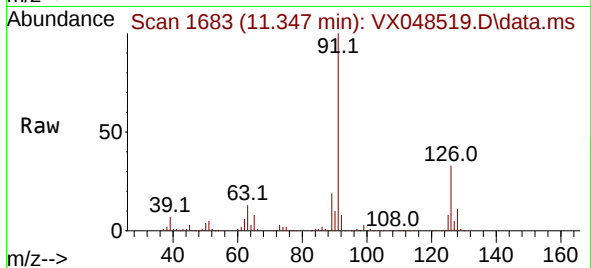
Tgt Ion: 91 Resp: 601192
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8





#79
2-Chlorotoluene
Concen: 48.699 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

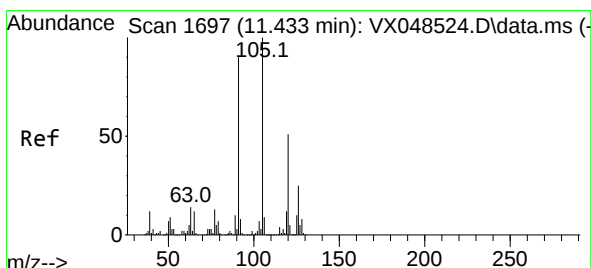
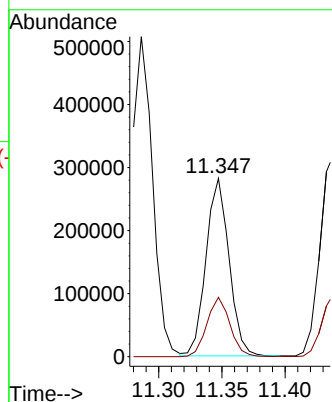
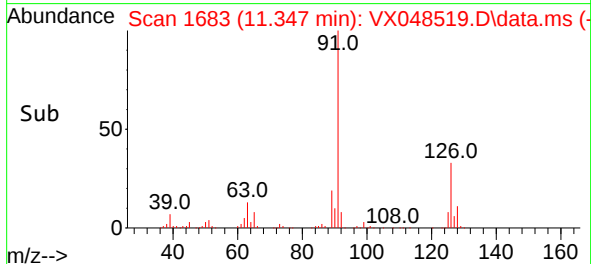
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



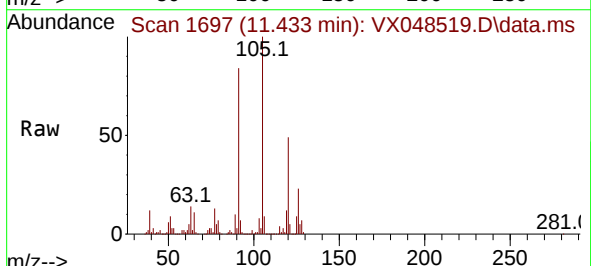
Tgt Ion: 91 Resp: 357489
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.2

Manual Integrations
APPROVED

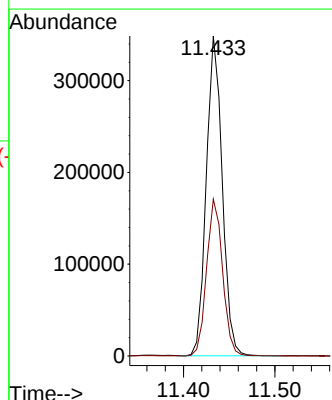
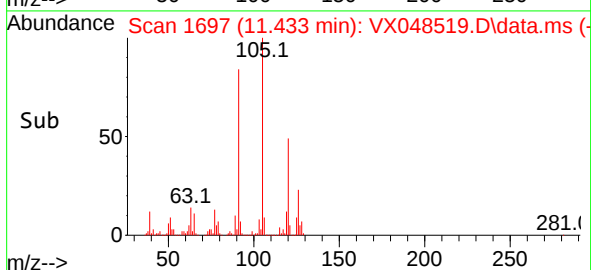
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

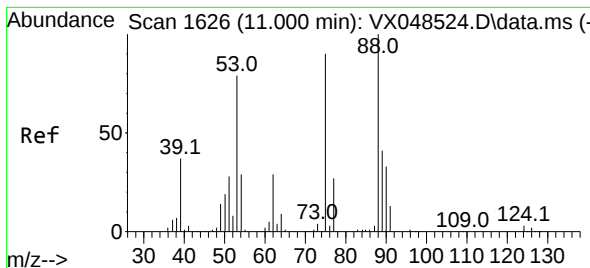


#80
1,3,5-Trimethylbenzene
Concen: 49.994 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37



Tgt Ion:105 Resp: 421068
Ion Ratio Lower Upper
105 100
120 49.2 25.1 75.2





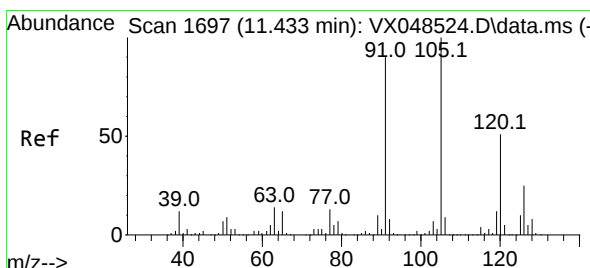
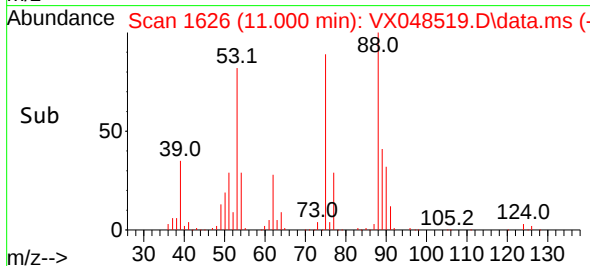
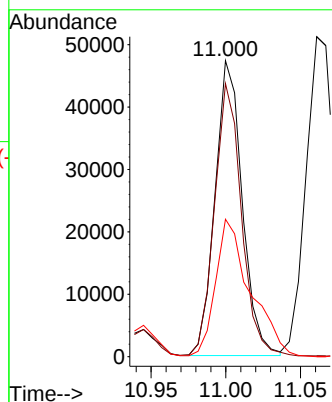
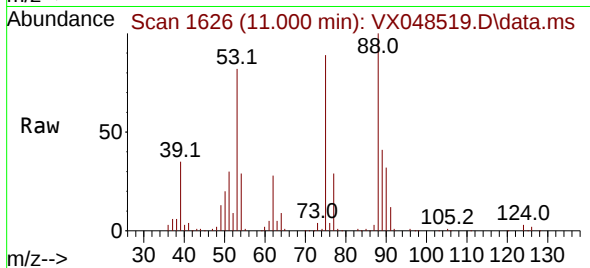
#81
trans-1,4-Dichloro-2-butene
Concen: 49.950 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 5988
Ion Ratio Lower Upper
75 100
53 92.8 72.4 108.6
89 59.8 43.6 65.4

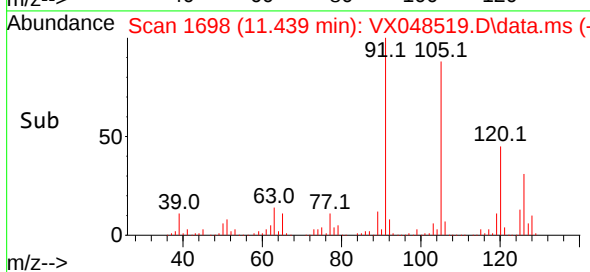
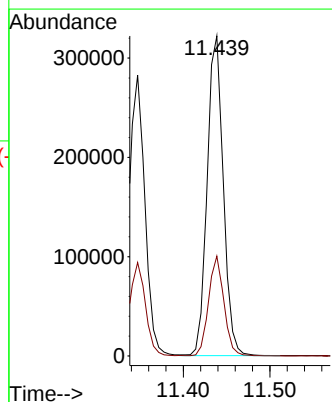
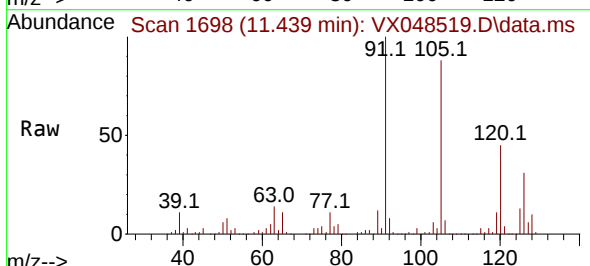
Manual Integrations
APPROVED

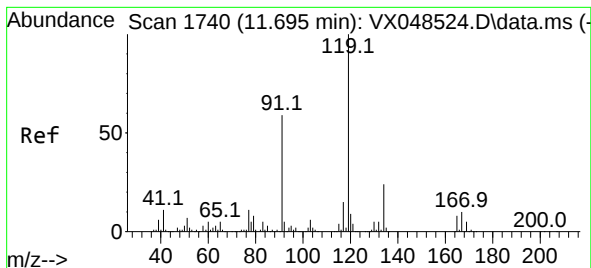
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#82
4-Chlorotoluene
Concen: 48.299 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Tgt Ion: 91 Resp: 415896
Ion Ratio Lower Upper
91 100
126 29.9 14.9 44.7





#83

tert-Butylbenzene

Concen: 50.490 ug/l

RT: 11.695 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 43983

Ion Ratio Lower Upper

119 100

91 56.4 27.1 81.3

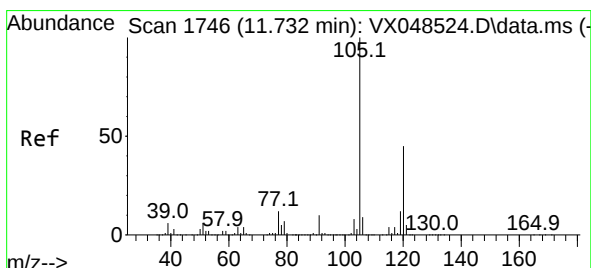
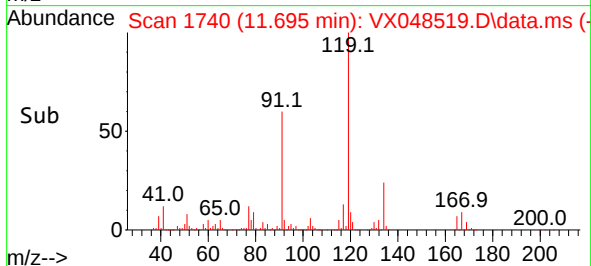
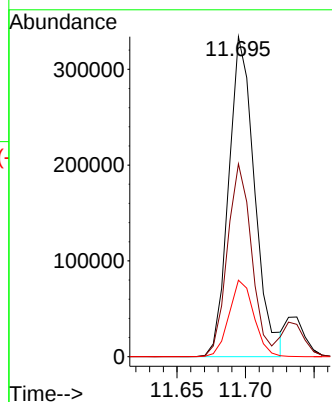
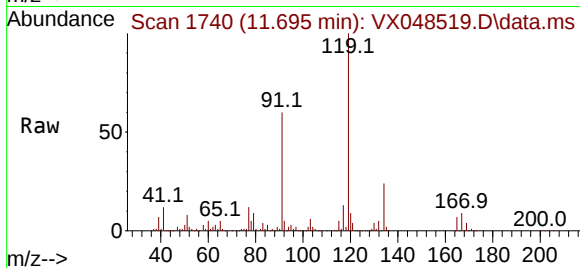
134 23.0 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#84

1,2,4-Trimethylbenzene

Concen: 50.146 ug/l

RT: 11.731 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048519.D

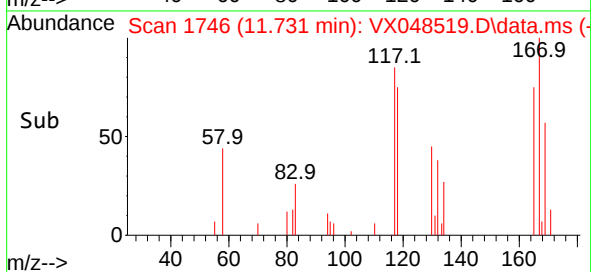
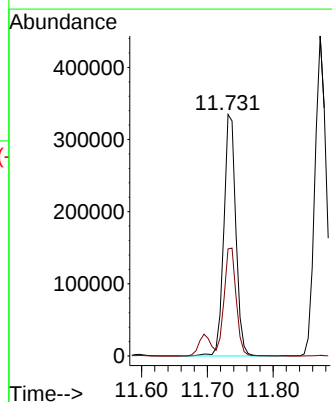
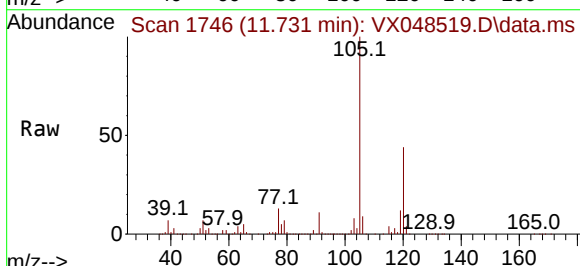
Acq: 07 Nov 2025 14:37

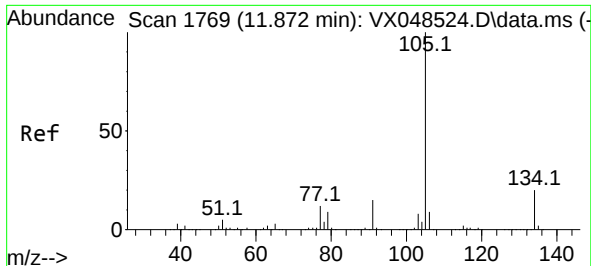
Tgt Ion:105 Resp: 426142

Ion Ratio Lower Upper

105 100

120 44.7 22.4 67.0





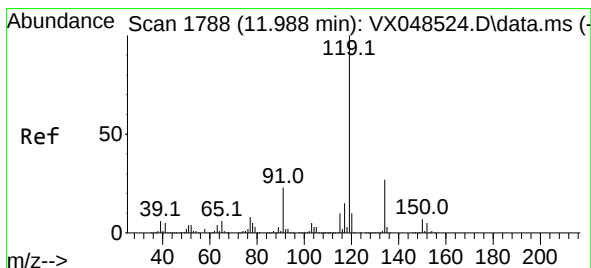
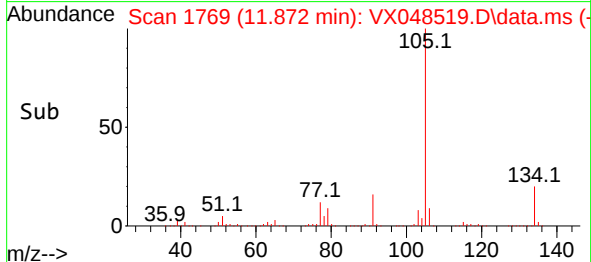
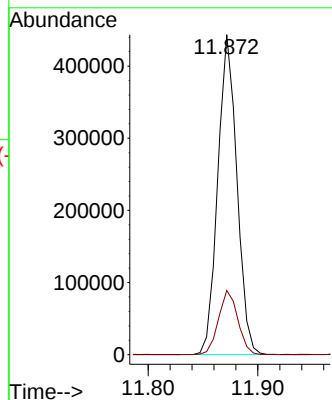
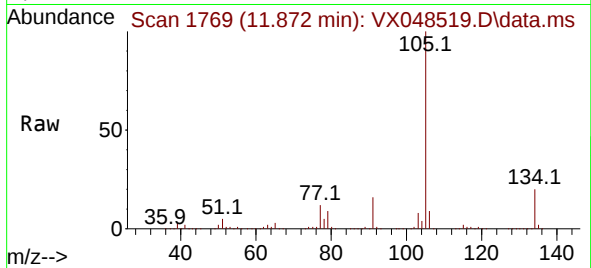
#85
 sec-Butylbenzene
 Concen: 49.928 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048519.D
 Acq: 07 Nov 2025 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 537560
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

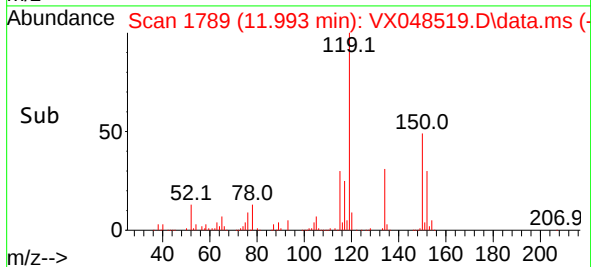
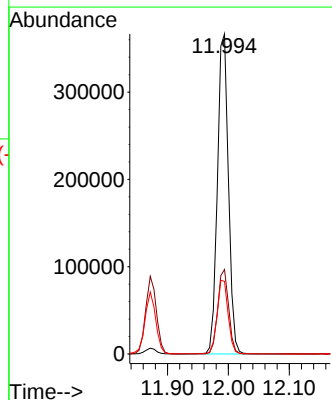
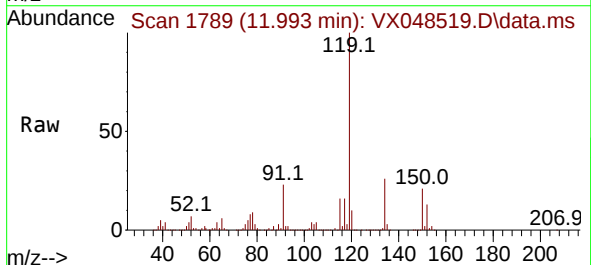
Manual Integrations
 APPROVED

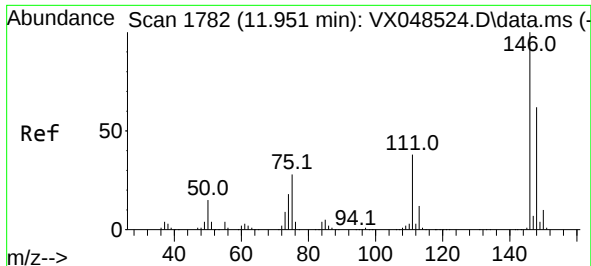
Reviewed By :John Carlone 11/10/2025
 Supervised By :Semsettin Yesilyurt 11/10/2025



#86
 p-Isopropyltoluene
 Concen: 50.808 ug/l
 RT: 11.993 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048519.D
 Acq: 07 Nov 2025 14:37

Tgt Ion:119 Resp: 459910
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 23.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 47.970 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 239859

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.4

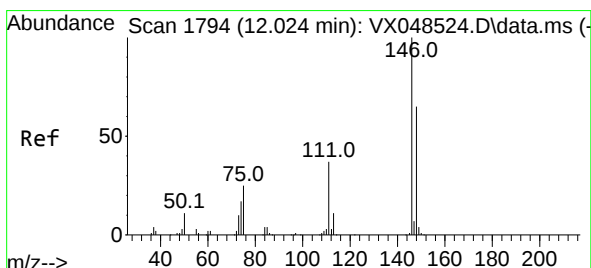
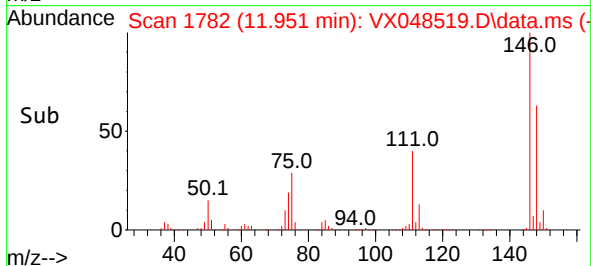
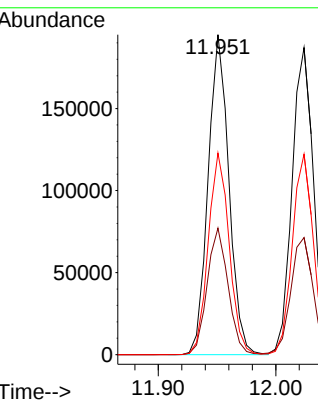
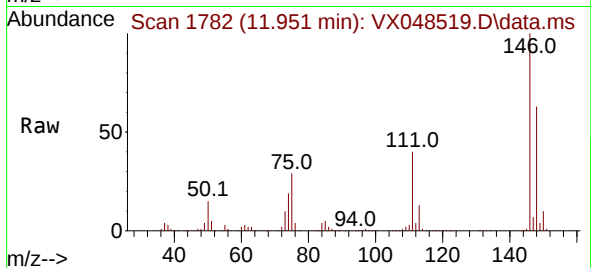
148 63.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#88

1,4-Dichlorobenzene

Concen: 47.249 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

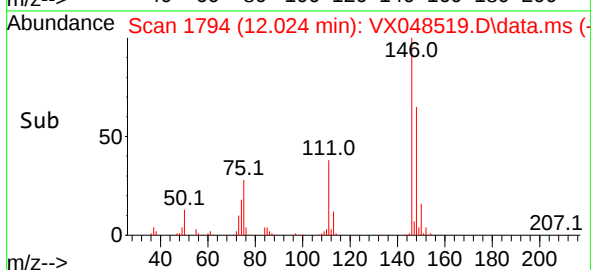
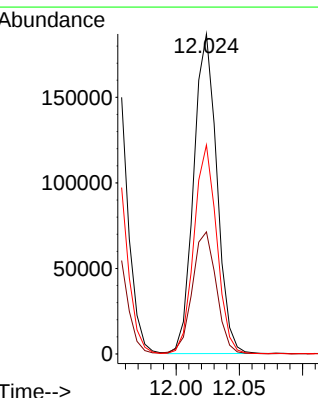
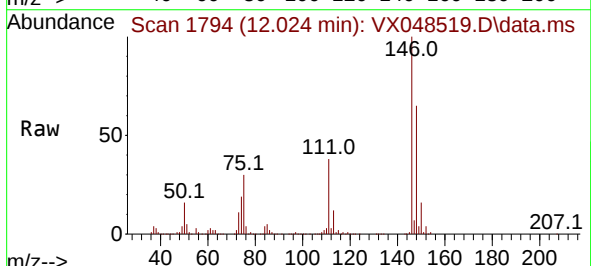
Tgt Ion:146 Resp: 238363

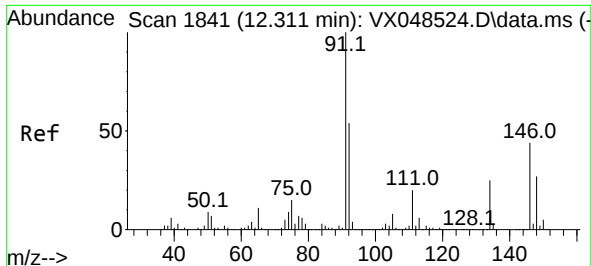
Ion Ratio Lower Upper

146 100

111 39.7 19.2 57.6

148 64.2 31.9 95.9





#89

n-Butylbenzene

Concen: 50.027 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 42480

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.5

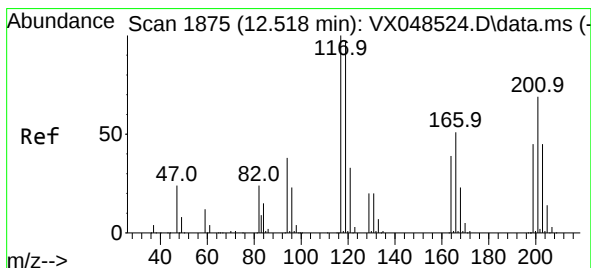
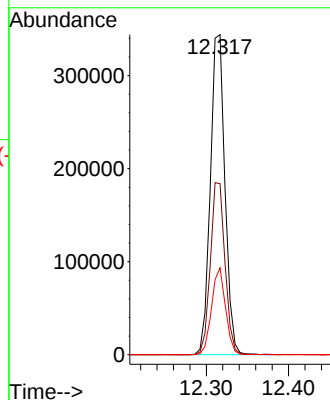
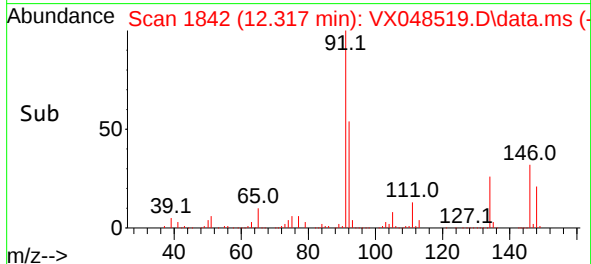
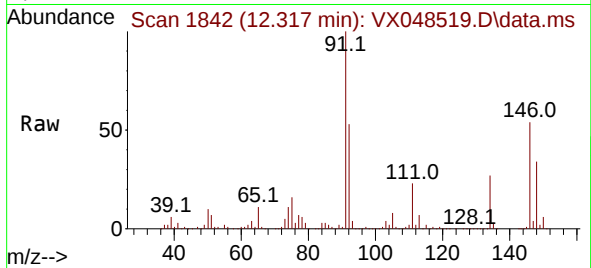
134 25.9 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#90

Hexachloroethane

Concen: 48.554 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048519.D

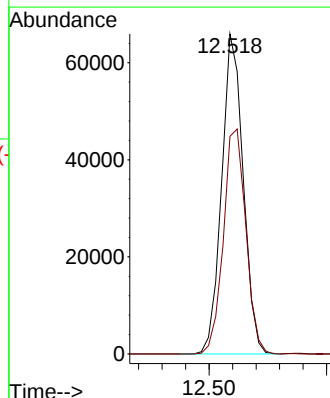
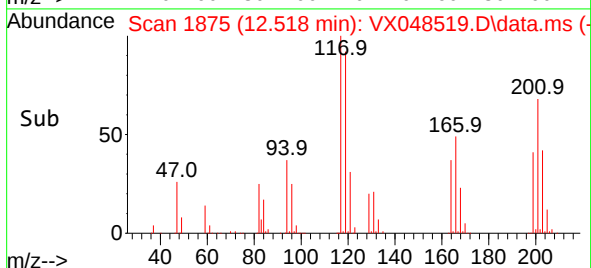
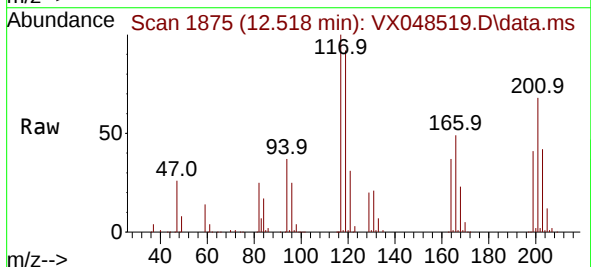
Acq: 07 Nov 2025 14:37

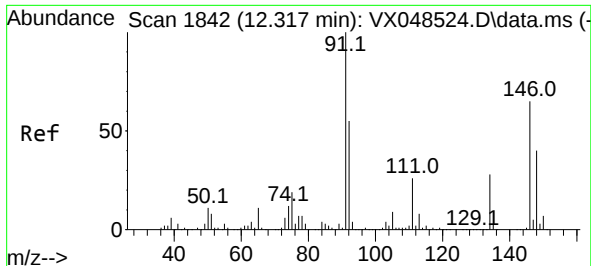
Tgt Ion:117 Resp: 83737

Ion Ratio Lower Upper

117 100

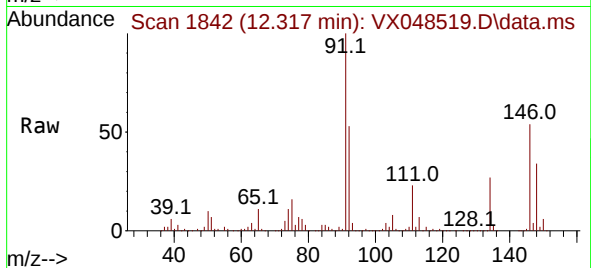
201 73.4 35.9 107.8





#91
1,2-Dichlorobenzene
Concen: 48.179 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

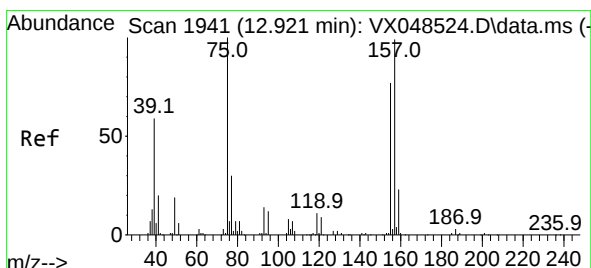
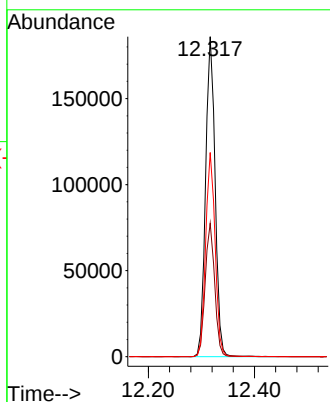
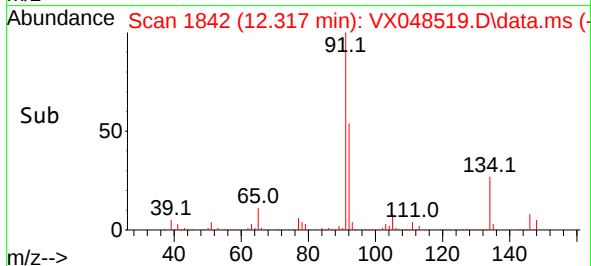
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 231259
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.9
148 63.4 31.4 94.2

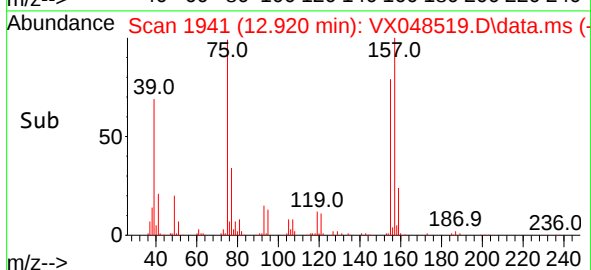
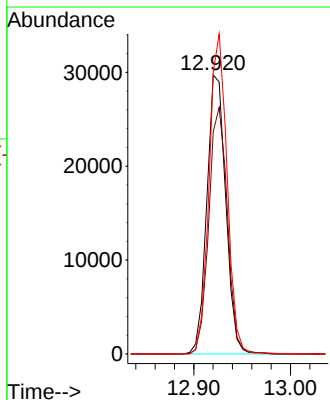
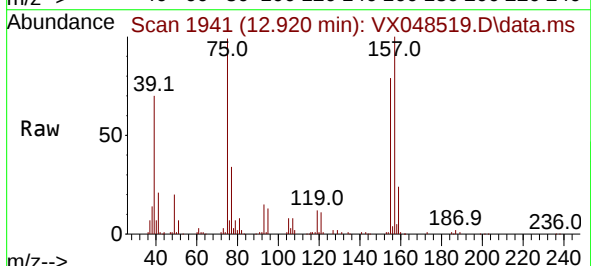
Manual Integrations
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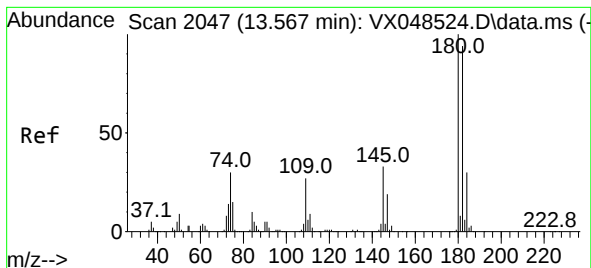
Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.689 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

Tgt Ion: 75 Resp: 40378
Ion Ratio Lower Upper
75 100
155 87.2 43.5 130.7
157 109.1 54.8 164.4





#93

1,2,4-Trichlorobenzene

Concen: 49.603 ug/l

RT: 13.566 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

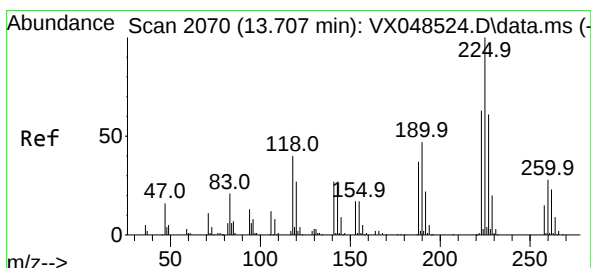
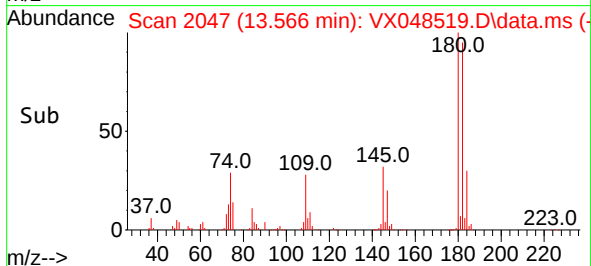
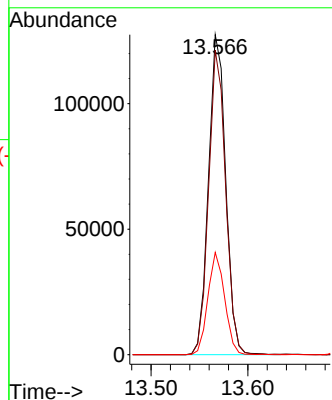
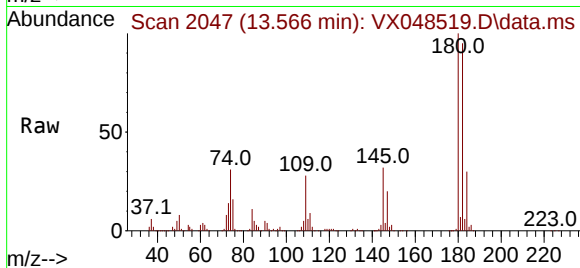
Tgt Ion:180	Resp: 158219
Ion Ratio	Lower Upper
180	100
182	93.9 47.5 142.6
145	31.2 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2025

Supervised By :Semsettin Yesilyurt 11/10/2025



#94

Hexachlorobutadiene

Concen: 48.899 ug/l

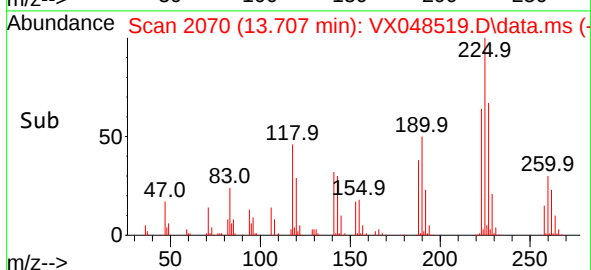
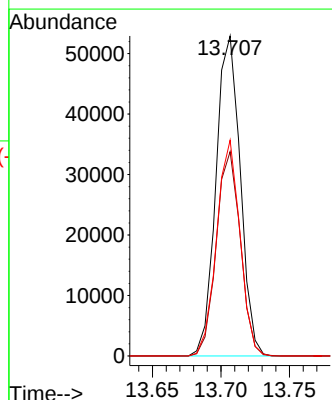
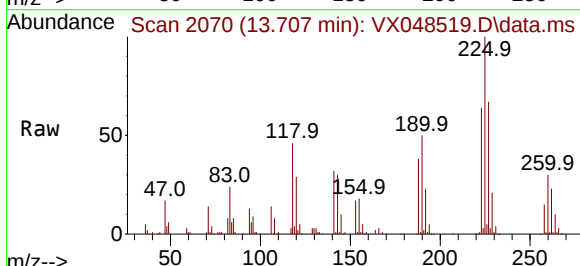
RT: 13.707 min Scan# 2070

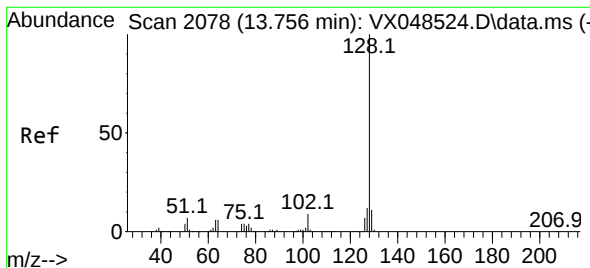
Delta R.T. -0.000 min

Lab File: VX048519.D

Acq: 07 Nov 2025 14:37

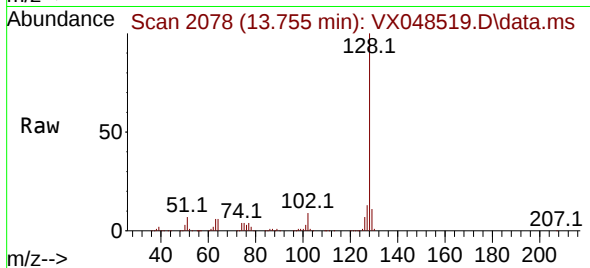
Tgt Ion:225	Resp: 65202
Ion Ratio	Lower Upper
225	100
223	62.9 30.6 92.0
227	65.0 32.5 97.4





#95
Naphthalene
Concen: 51.271 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37

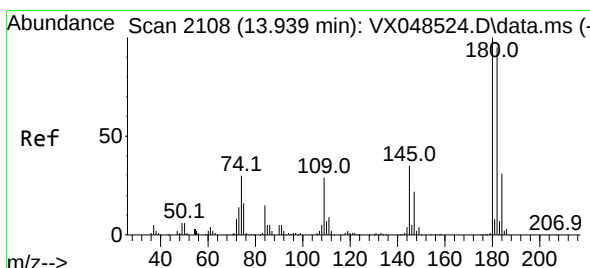
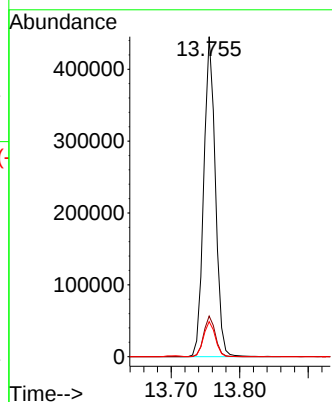
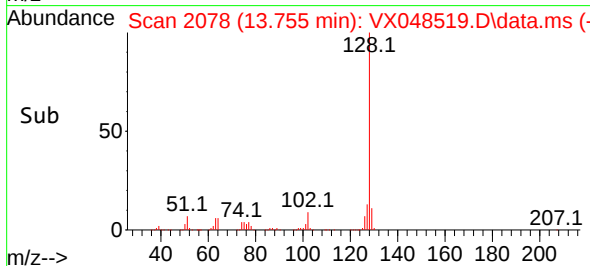
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



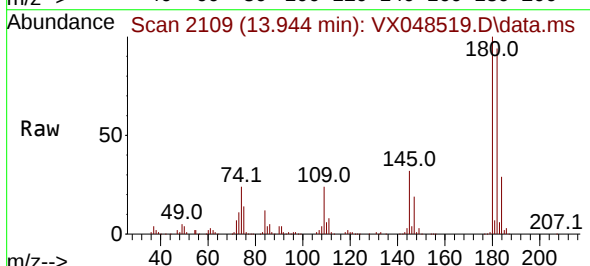
Tgt Ion:128 Resp: 52580
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.407 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048519.D
Acq: 07 Nov 2025 14:37



Tgt Ion:180 Resp: 146585
Ion Ratio Lower Upper
180 100
182 95.9 47.3 142.0
145 33.8 16.7 50.0

