

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048250.D
 Acq On : 20 Oct 2025 19:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 21 06:16:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	139607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	238004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	222585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	91100	46.542	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.080%		
35) Dibromofluoromethane	5.373	113	74151	45.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.280%		
50) Toluene-d8	8.634	98	254653	44.713	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.420%#		
62) 4-Bromofluorobenzene	11.061	95	100937	46.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	54463	37.949	ug/l	97
3) Chloromethane	1.300	50	53315	39.799	ug/l	96
4) Vinyl Chloride	1.380	62	51029	41.136	ug/l	99
5) Bromomethane	1.611	94	35864	42.601	ug/l	94
6) Chloroethane	1.691	64	31620	43.378	ug/l	97
7) Trichlorofluoromethane	1.892	101	97500	40.982	ug/l	99
8) Diethyl Ether	2.136	74	30102	44.968	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	60929	40.443	ug/l	95
10) Methyl Iodide	2.459	142	84168	44.441	ug/l	100
11) Tert butyl alcohol	2.946	59	37972	195.385	ug/l	98
12) 1,1-Dichloroethene	2.325	96	61159	41.727	ug/l	94
13) Acrolein	2.239	56	42514	214.491	ug/l	98
14) Allyl chloride	2.666	41	103340	42.467	ug/l	97
15) Acrylonitrile	3.056	53	156803	223.753	ug/l	99
16) Acetone	2.373	43	117599	175.130	ug/l	96
17) Carbon Disulfide	2.514	76	177056	38.329	ug/l	100
18) Methyl Acetate	2.703	43	63263	45.112	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	222981	44.595	ug/l	100
20) Methylene Chloride	2.788	84	73170	44.720	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	69597	43.228	ug/l	96
22) Diisopropyl ether	3.751	45	223032	45.952	ug/l	93
23) Vinyl Acetate	3.715	43	896740	231.296	ug/l	96
24) 1,1-Dichloroethane	3.605	63	127890	43.578	ug/l	99
25) 2-Butanone	4.544	43	179090	210.709	ug/l	99
26) 2,2-Dichloropropane	4.471	77	103563	39.096	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	82973	44.159	ug/l	97
28) Bromochloromethane	4.891	49	62244	51.151	ug/l	90
29) Tetrahydrofuran	4.989	42	114202	224.351	ug/l	95
30) Chloroform	5.080	83	135447	43.198	ug/l	97
31) Cyclohexane	5.464	56	104755	43.114	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	123078	42.592	ug/l	98
36) 1,1-Dichloropropene	5.684	75	91151	39.469	ug/l	99
37) Ethyl Acetate	4.702	43	76900	40.173	ug/l	96
38) Carbon Tetrachloride	5.672	117	107972	37.895	ug/l	95
39) Methylcyclohexane	7.366	83	107188	39.300	ug/l	92
40) Benzene	6.025	78	280412	41.821	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	42951	42.726	ug/l	96
42) 1,2-Dichloroethane	6.074	62	102580	41.460	ug/l	99
43) Isopropyl Acetate	6.324	43	133321	42.401	ug/l #	94
44) Trichloroethene	7.110	130	72723	41.075	ug/l	89
45) 1,2-Dichloropropane	7.415	63	68867	43.200	ug/l	98
46) Dibromomethane	7.568	93	52507	42.277	ug/l	94
47) Bromodichloromethane	7.805	83	111343	41.521	ug/l	99
48) Methyl methacrylate	7.677	41	67583	42.595	ug/l	93
49) 1,4-Dioxane	7.647	88	16924	807.374	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	387550	213.772	ug/l	95
52) Toluene	8.702	92	176360	41.403	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	109424	42.344	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	117004	41.966	ug/l	94
55) 1,1,2-Trichloroethane	9.134	97	67214	42.431	ug/l	99
56) Ethyl methacrylate	9.104	69	103017	44.462	ug/l	93
57) 1,3-Dichloropropane	9.293	76	115414	42.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	266044	213.796	ug/l	96
59) 2-Hexanone	9.415	43	266829	211.078	ug/l	95
60) Dibromochloromethane	9.506	129	87021	40.872	ug/l	100
61) 1,2-Dibromoethane	9.592	107	71534	42.360	ug/l	98
64) Tetrachloroethene	9.256	164	62251	37.463	ug/l	99
65) Chlorobenzene	10.061	112	199218	39.787	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	72921	39.651	ug/l	99
67) Ethyl Benzene	10.177	91	340670	39.962	ug/l	99
68) m/p-Xylenes	10.287	106	258895	81.737	ug/l	99
69) o-Xylene	10.622	106	124210	40.619	ug/l	99
70) Styrene	10.640	104	217296	41.732	ug/l	99
71) Bromoform	10.780	173	57595	39.184	ug/l #	100
73) Isopropylbenzene	10.945	105	320429	39.266	ug/l	99
74) N-amyl acetate	10.823	43	121526	41.983	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	89867	40.326	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	81515m	44.991	ug/l	
77) Bromobenzene	11.183	156	82137	40.142	ug/l	95
78) n-propylbenzene	11.286	91	375729	39.766	ug/l	97
79) 2-Chlorotoluene	11.347	91	227832	39.772	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	267685	39.638	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	28849	38.739	ug/l	98
82) 4-Chlorotoluene	11.439	91	269666	39.656	ug/l	97
83) tert-Butylbenzene	11.695	119	274302	39.532	ug/l	96
84) 1,2,4-Trimethylbenzene	11.731	105	270928	40.199	ug/l	100
85) sec-Butylbenzene	11.872	105	321937	38.565	ug/l	100
86) p-Isopropyltoluene	11.994	119	275642	38.201	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	149462	38.747	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	150187	37.584	ug/l	99
89) n-Butylbenzene	12.311	91	243576	37.088	ug/l	99
90) Hexachloroethane	12.518	117	51888	36.415	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	140047	38.670	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	18165	40.157	ug/l	98
93) 1,2,4-Trichlorobenzene	13.566	180	89376	36.492	ug/l	99
94) Hexachlorobutadiene	13.707	225	32393	35.315	ug/l	99
95) Naphthalene	13.755	128	261541	40.307	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	84101	37.421	ug/l	98

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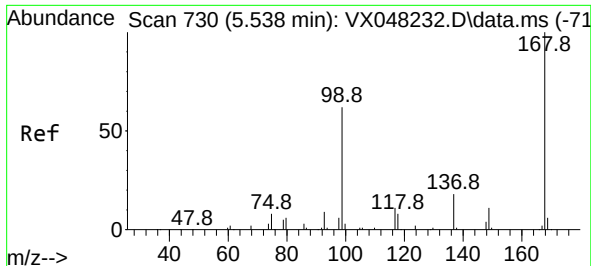
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

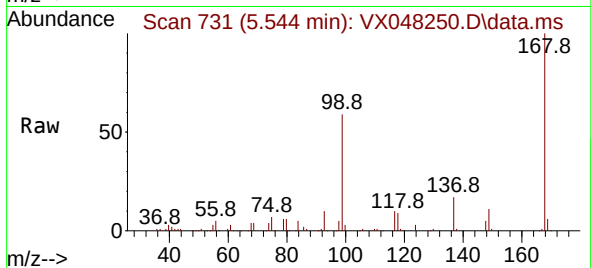
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048250.D
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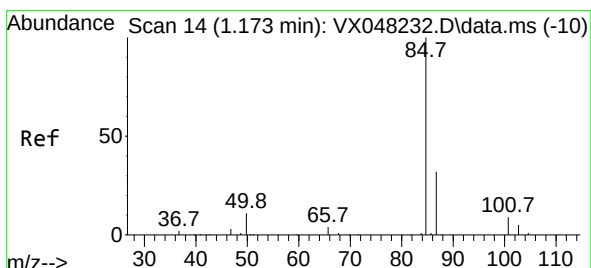
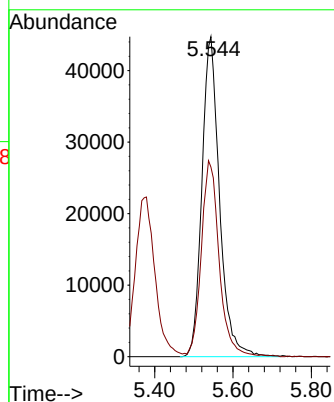
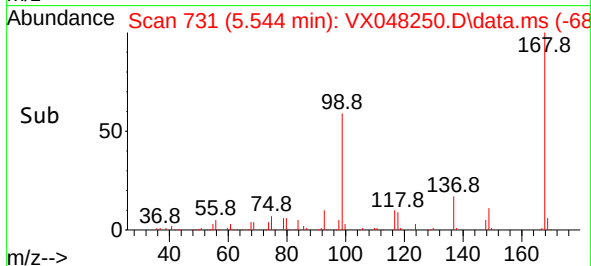
Instrument :
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Tgt Ion:168 Resp: 13960
Ion Ratio Lower Upper
168 100
99 59.3 46.4 69.6

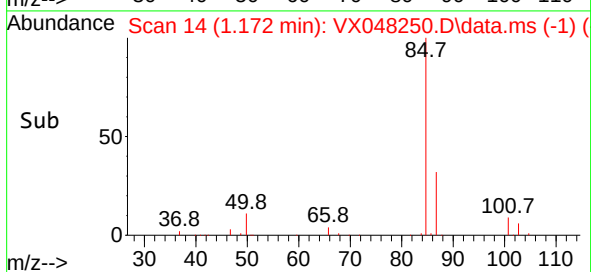
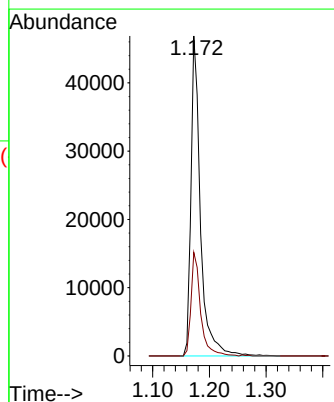
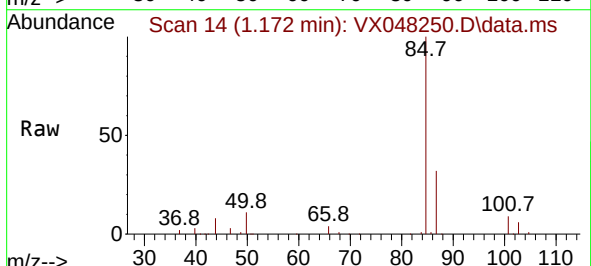
Manual Integrations
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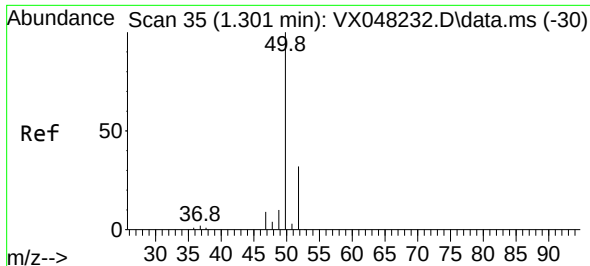
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 37.949 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

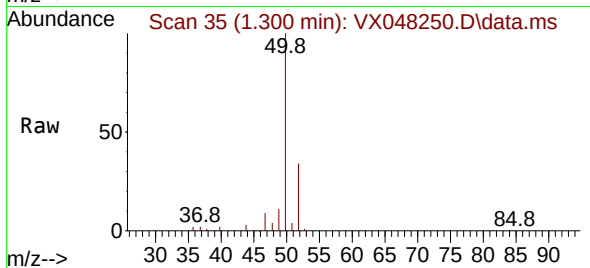
Tgt Ion: 85 Resp: 54463
Ion Ratio Lower Upper
85 100
87 32.4 15.3 45.9





#3
Chloromethane
Concen: 39.799 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

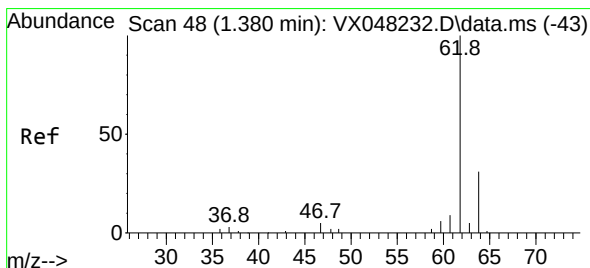
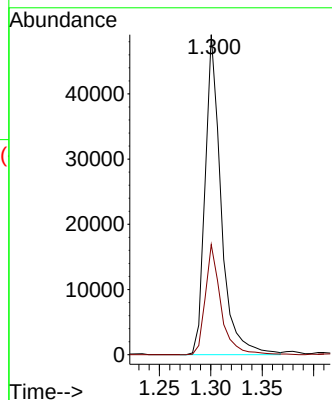
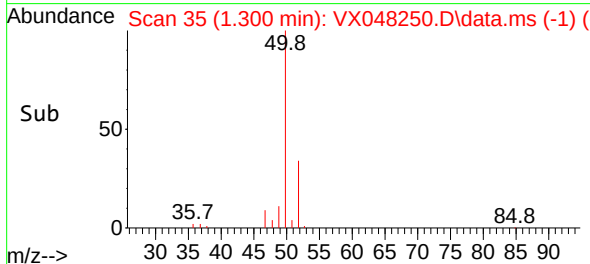
Instrument :
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Tgt Ion: 50 Resp: 5331
Ion Ratio Lower Upper
50 100
52 34.4 25.9 38.9

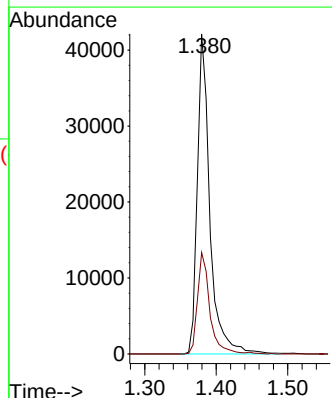
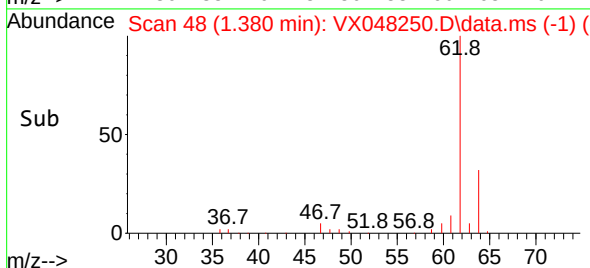
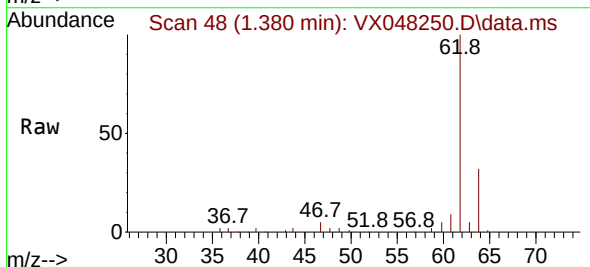
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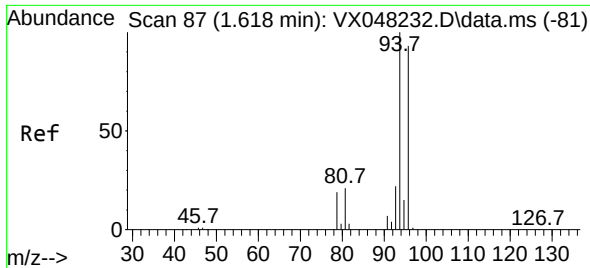
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 41.136 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion: 62 Resp: 51029
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7





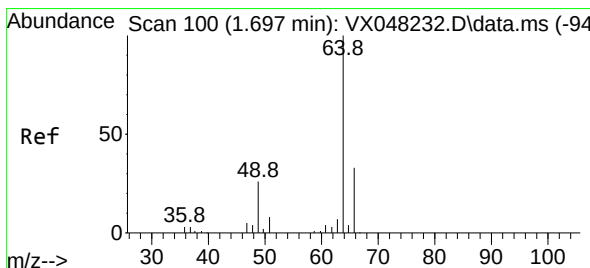
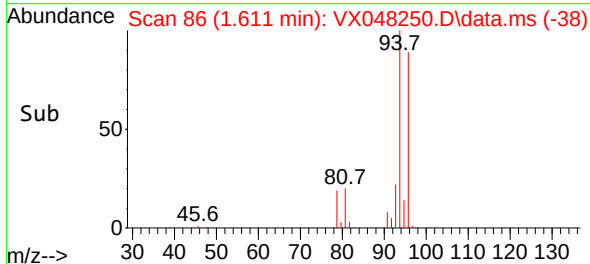
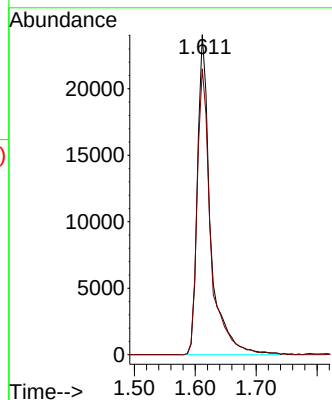
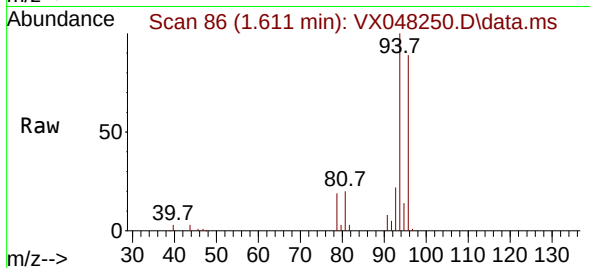
#5
Bromomethane
Concen: 42.601 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048250.D
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Instrument :
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Tgt Ion: 94 Resp: 35864
Ion Ratio Lower Upper
94 100
96 89.3 76.0 114.0

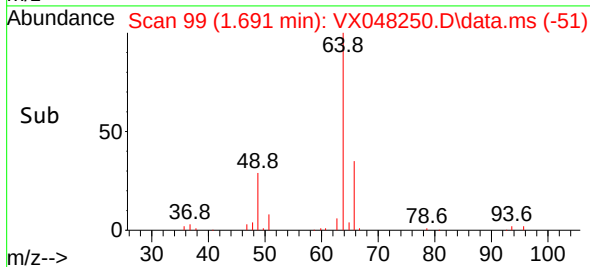
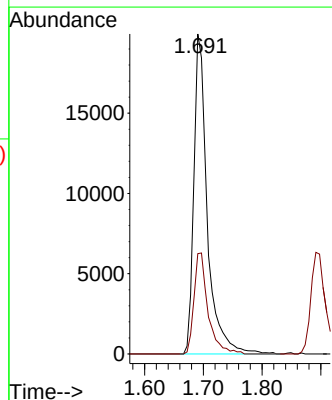
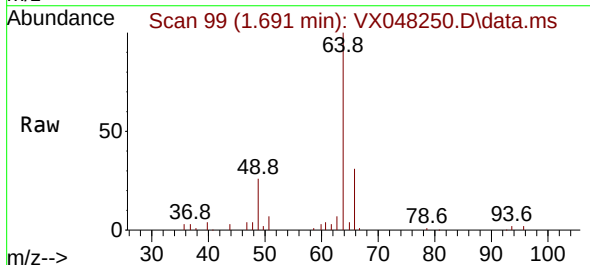
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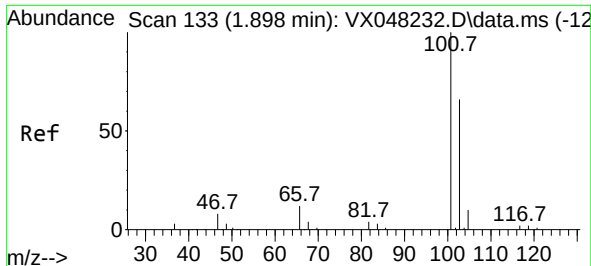
Reviewed By :John Carlone 10/21/2025
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#6
Chloroethane
Concen: 43.378 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048250.D
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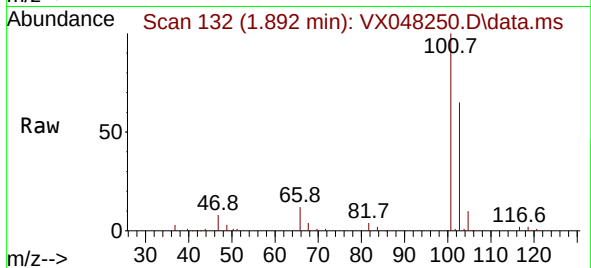
Tgt Ion: 64 Resp: 31620
Ion Ratio Lower Upper
64 100
66 31.3 23.9 35.9





#7
Trichlorofluoromethane
Concen: 40.982 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

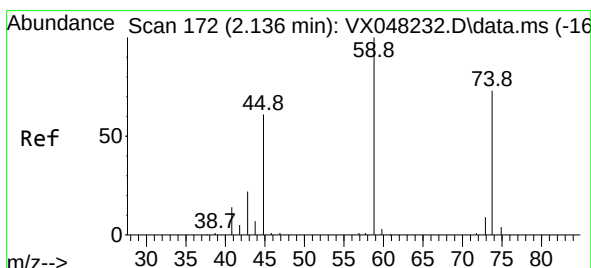
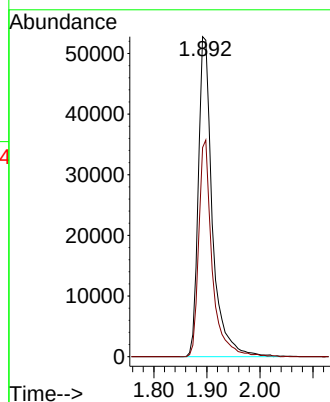
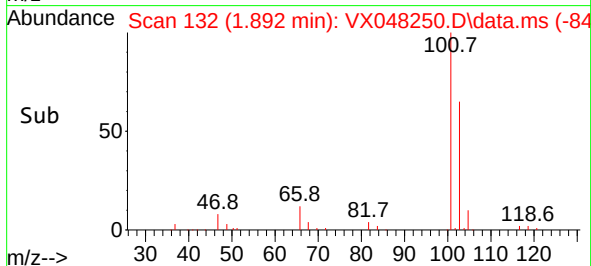
Instrument :
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Tgt Ion:101 Resp: 97500
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4

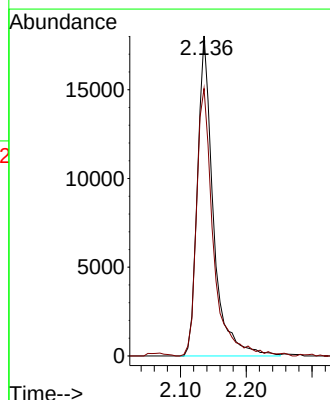
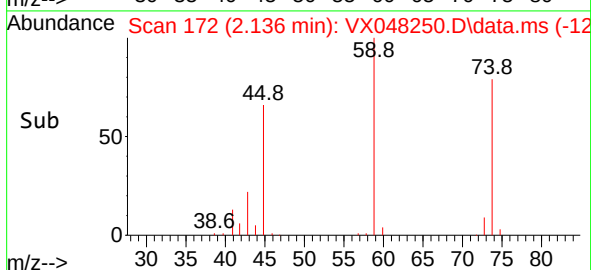
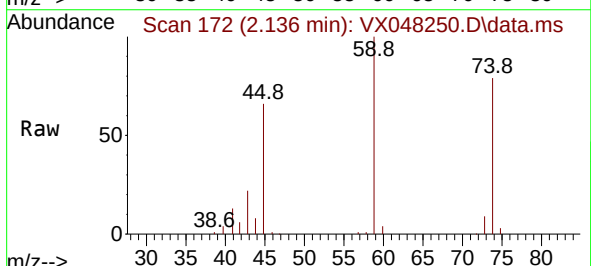
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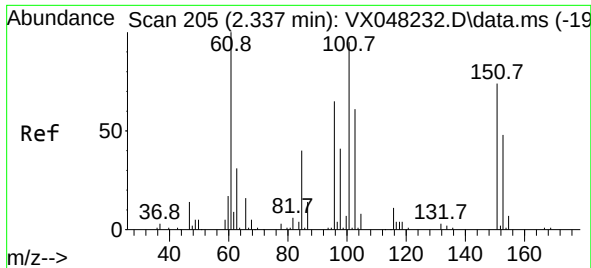
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 44.968 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048250.D
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Tgt Ion: 74 Resp: 30102
Ion Ratio Lower Upper
74 100
45 88.4 50.0 149.8





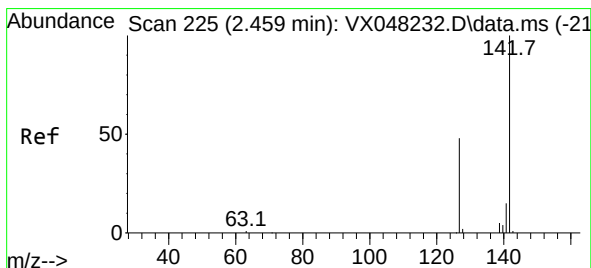
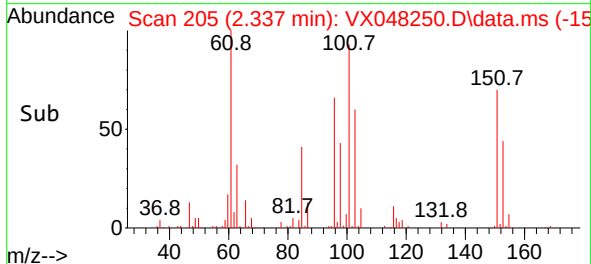
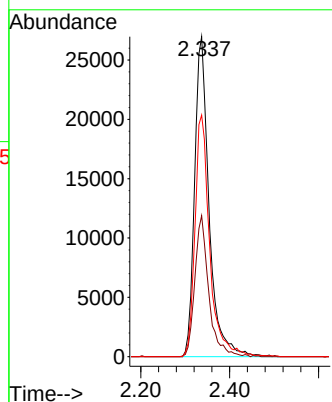
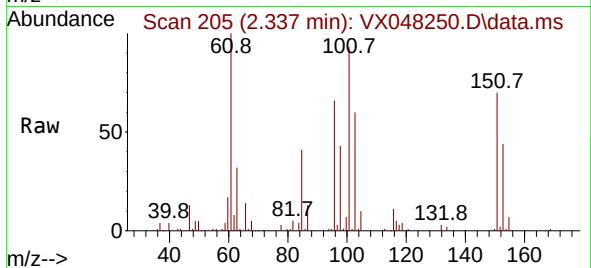
#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.443 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 60929
Ion Ratio Lower Upper
101 100
85 42.4 35.6 53.4
151 77.2 58.0 87.0

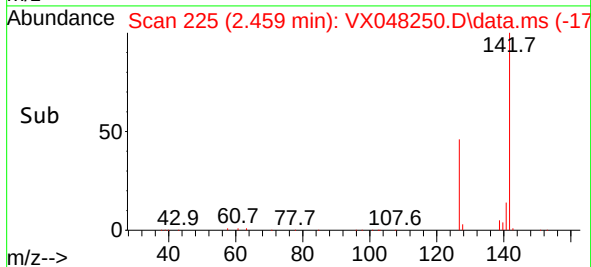
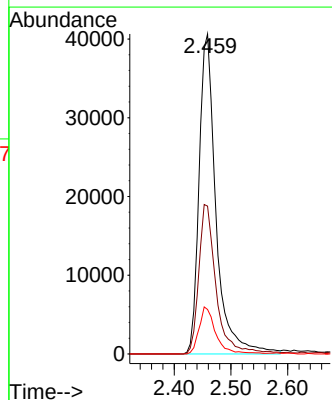
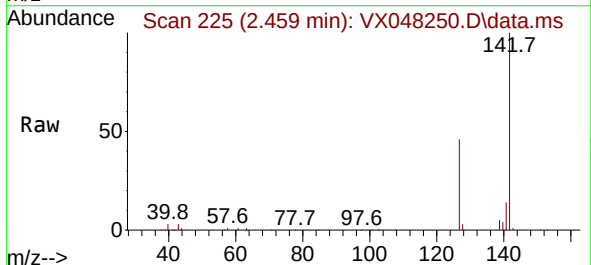
Manual Integrations
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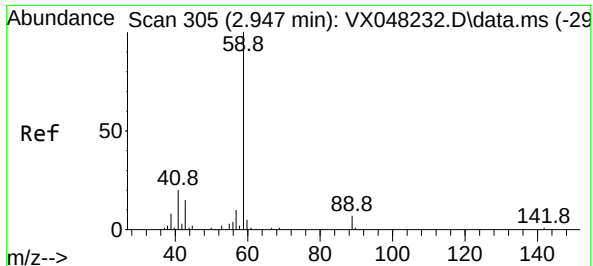
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 44.441 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

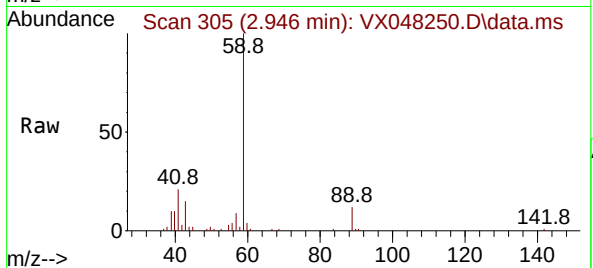
Tgt Ion:142 Resp: 84168
Ion Ratio Lower Upper
142 100
127 48.3 38.5 57.7
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 195.385 ug/l
RT: 2.946 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

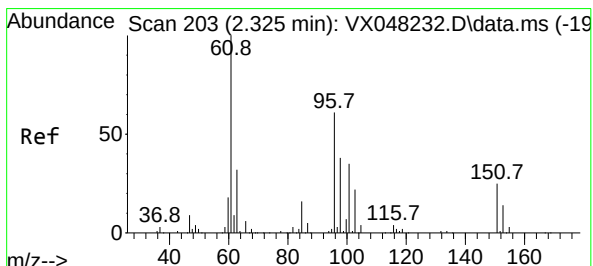
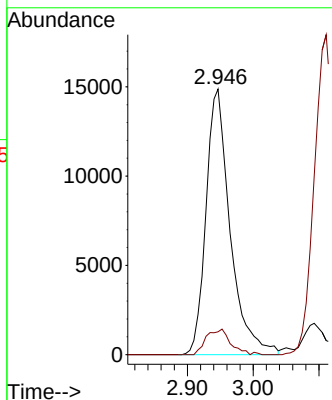
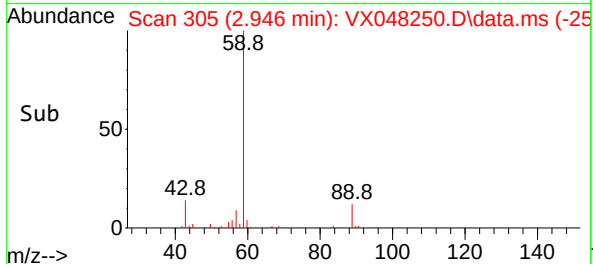
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 37972
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

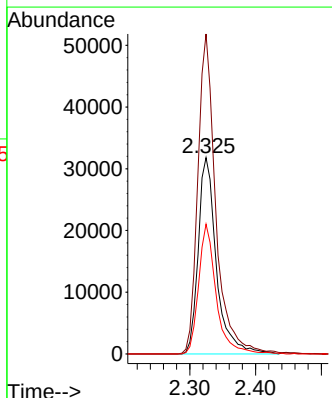
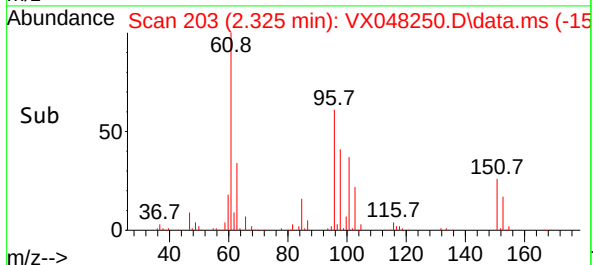
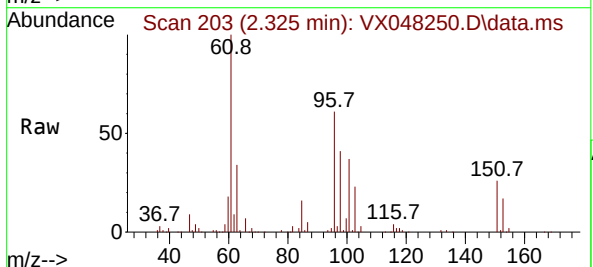
Manual Integrations
APPROVED

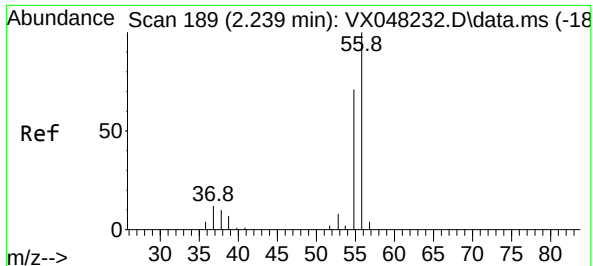
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#12
1,1-Dichloroethene
Concen: 41.727 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

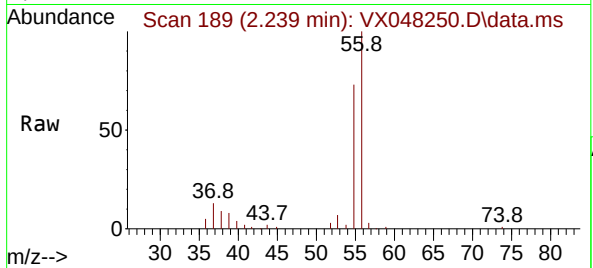
Tgt Ion: 96 Resp: 61159
Ion Ratio Lower Upper
96 100
61 163.0 139.0 208.6
98 66.1 52.4 78.6





#13
Acrolein
Concen: 214.491 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

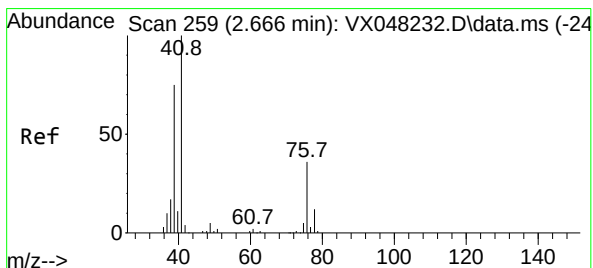
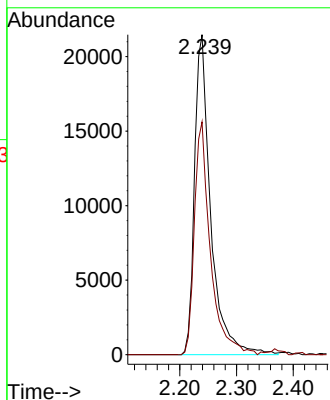
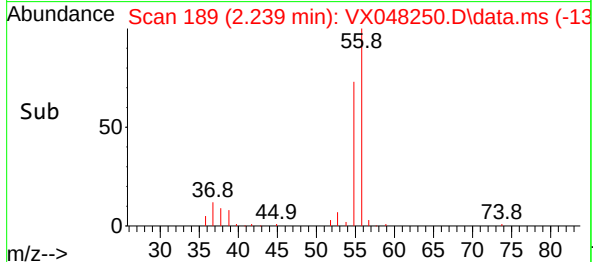
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 42514
Ion Ratio Lower Upper
56 100
55 71.9 56.1 84.1

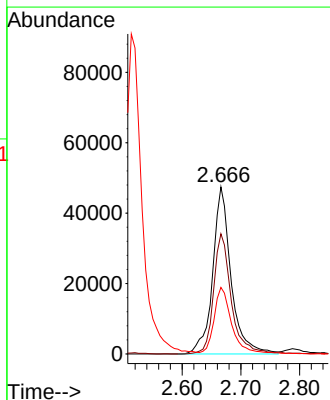
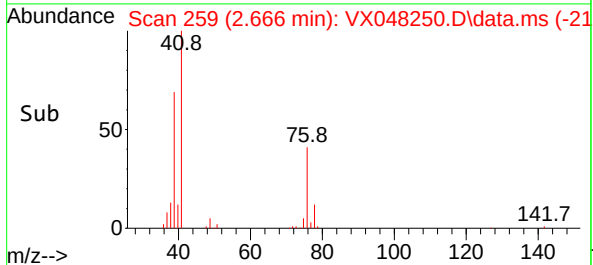
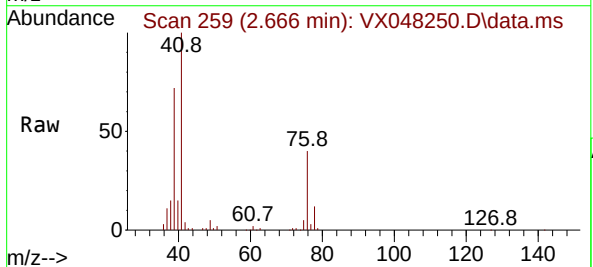
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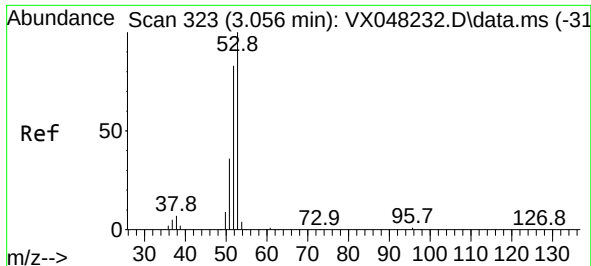
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#14
Allyl chloride
Concen: 42.467 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

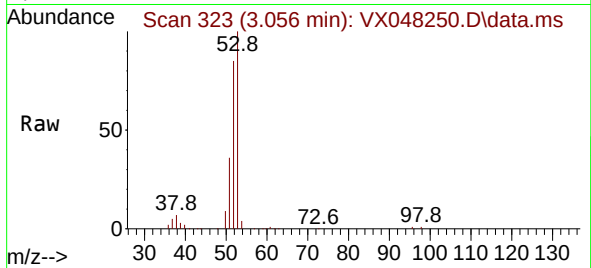
Tgt Ion: 41 Resp: 103340
Ion Ratio Lower Upper
41 100
39 69.3 56.0 84.0
76 38.5 27.5 41.3





#15
Acrylonitrile
Concen: 223.753 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

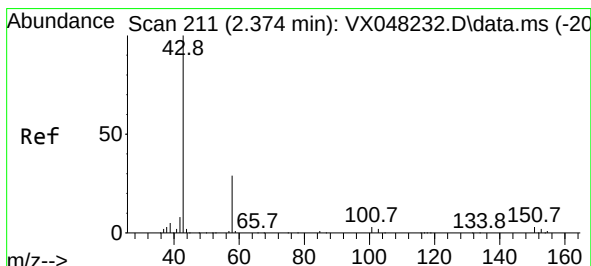
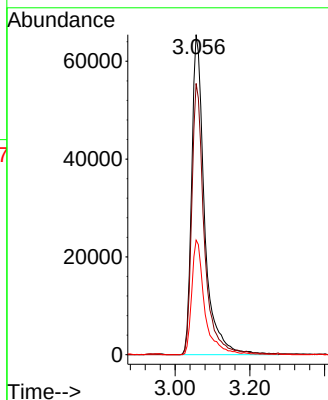
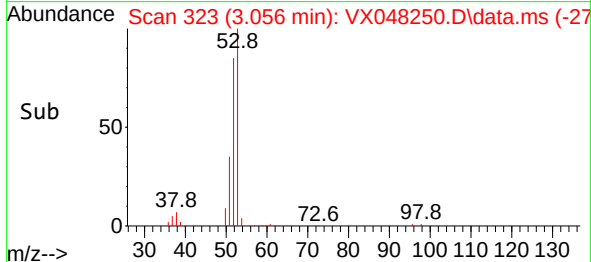
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



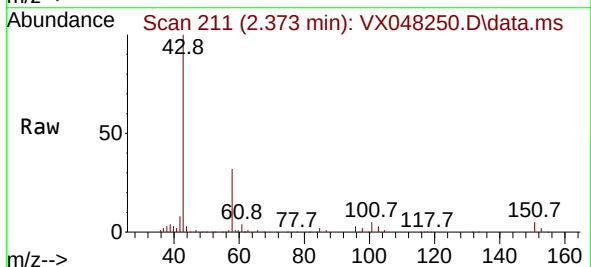
Tgt Ion: 53 Resp: 15680
Ion Ratio Lower Upper
53 100
52 81.5 66.1 99.1
51 35.7 29.0 43.4

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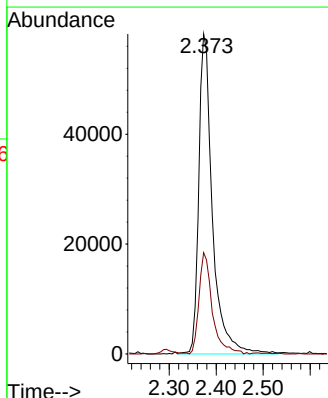
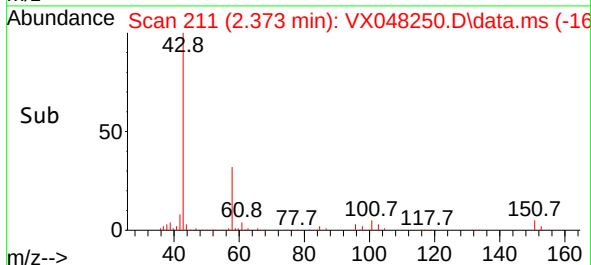
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

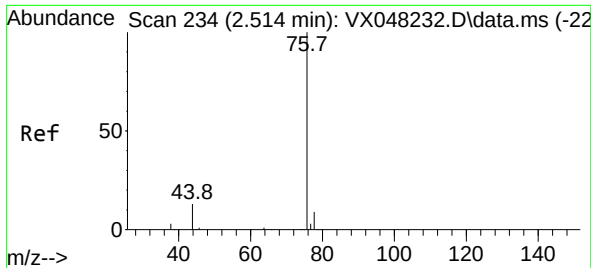


#16
Acetone
Concen: 175.130 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25



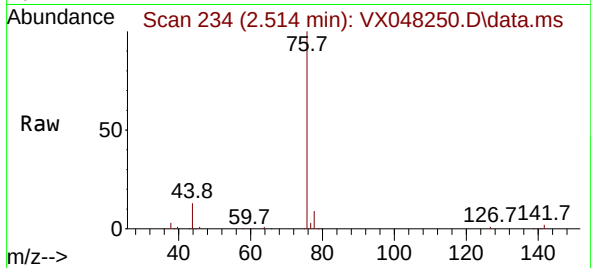
Tgt Ion: 43 Resp: 117599
Ion Ratio Lower Upper
43 100
58 31.5 23.4 35.2





#17
Carbon Disulfide
Concen: 38.329 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

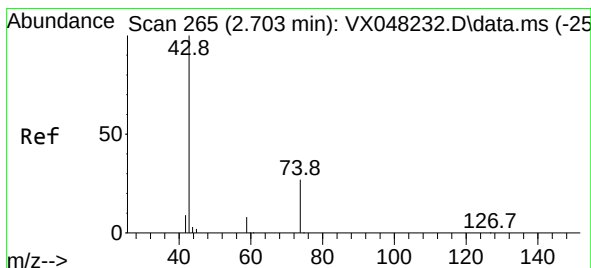
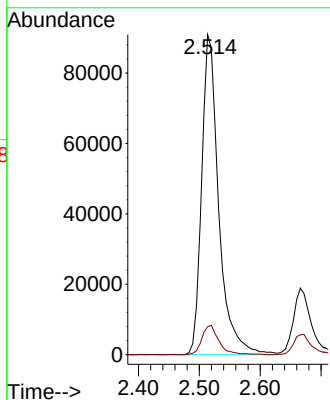
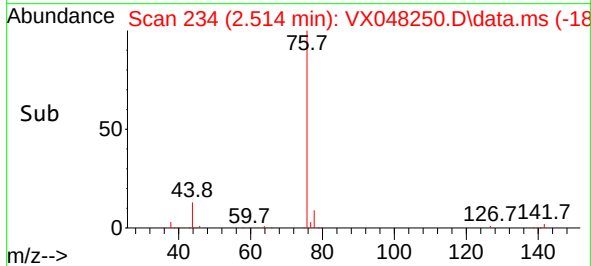
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 17705
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

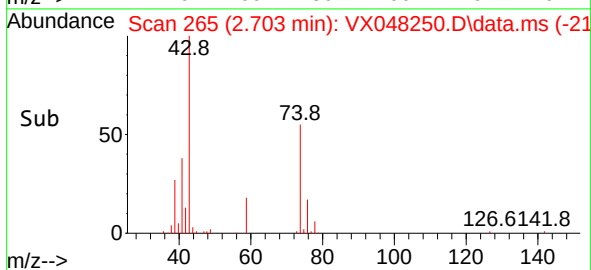
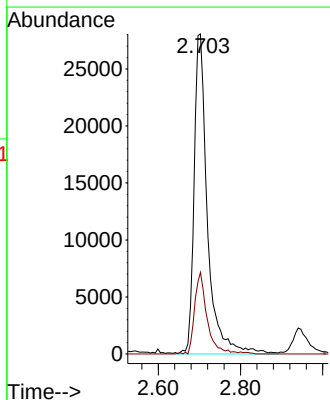
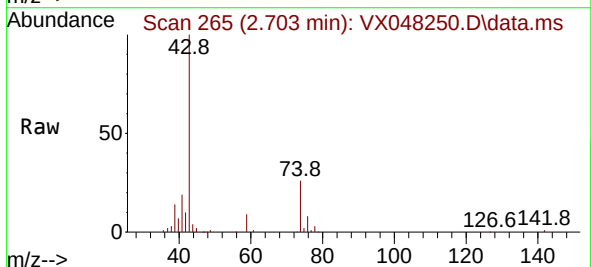
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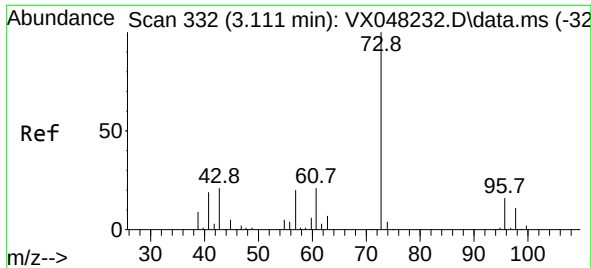
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#18
Methyl Acetate
Concen: 45.112 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

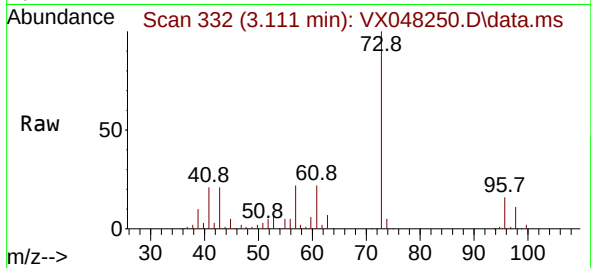
Tgt Ion: 43 Resp: 63263
Ion Ratio Lower Upper
43 100
74 23.6 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 44.595 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

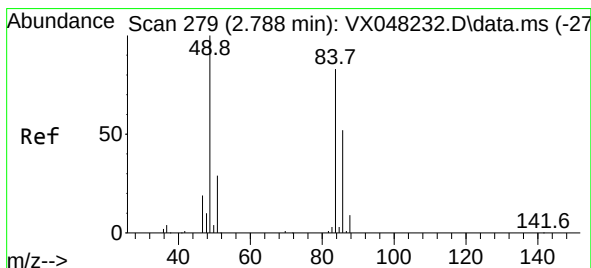
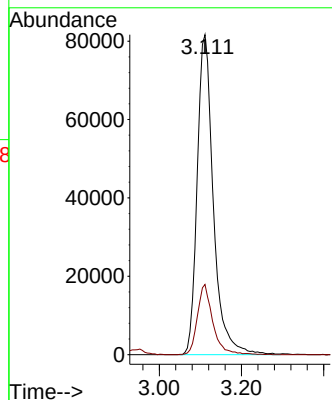
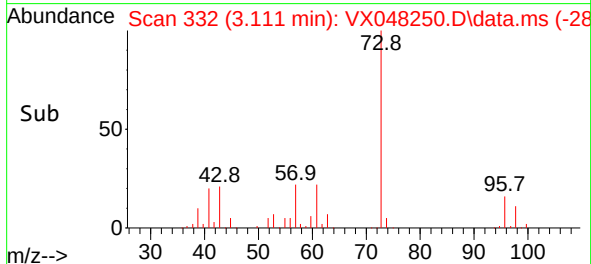
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 22298
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

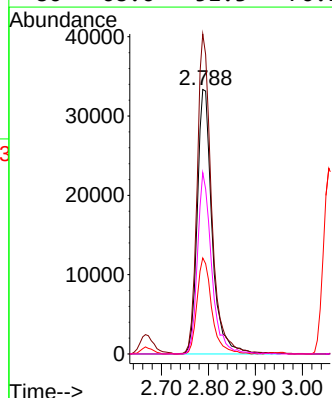
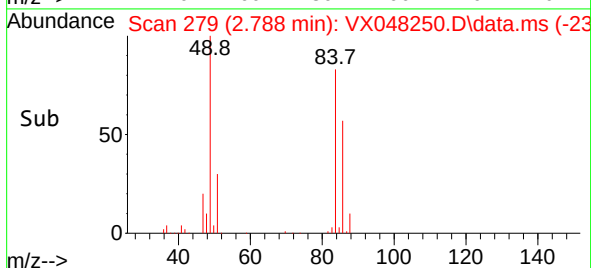
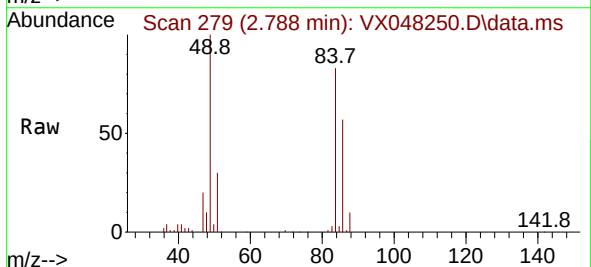
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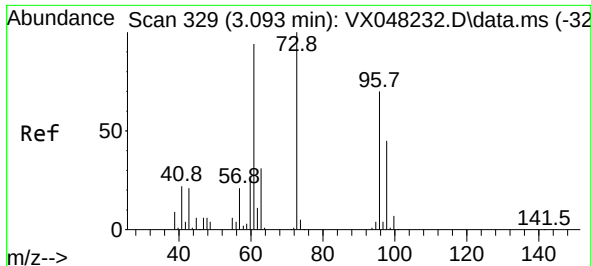
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 44.720 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion: 84 Resp: 73170
Ion Ratio Lower Upper
84 100
49 120.8 104.1 156.1
51 36.3 31.3 46.9
86 68.6 51.3 76.9





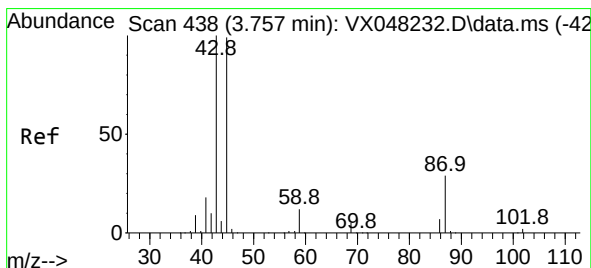
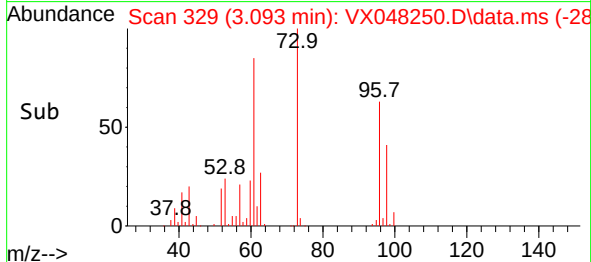
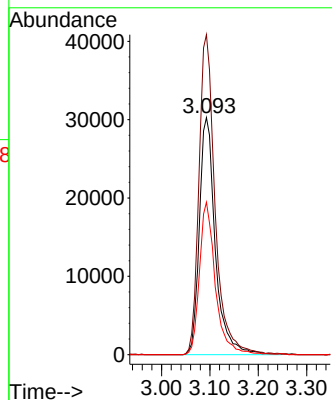
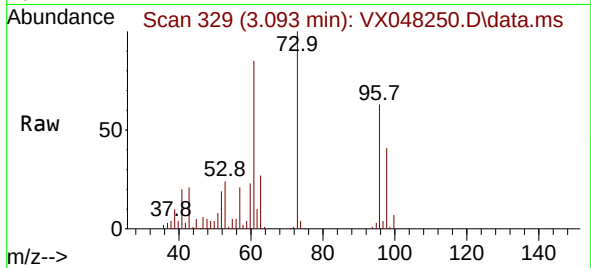
#21
trans-1,2-Dichloroethene
Concen: 43.228 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 6959
Ion Ratio Lower Upper
96 100
61 134.9 111.9 167.9
98 66.2 51.2 76.8

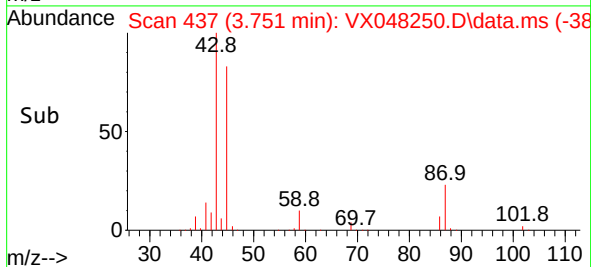
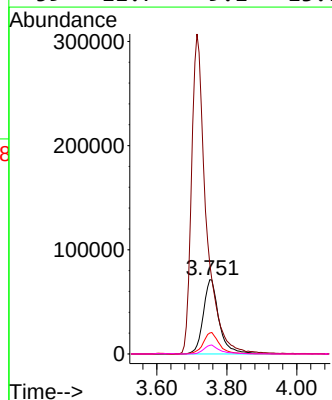
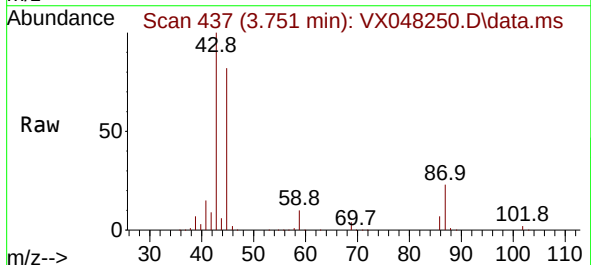
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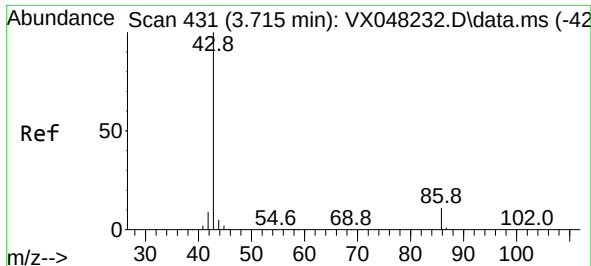
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 45.952 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

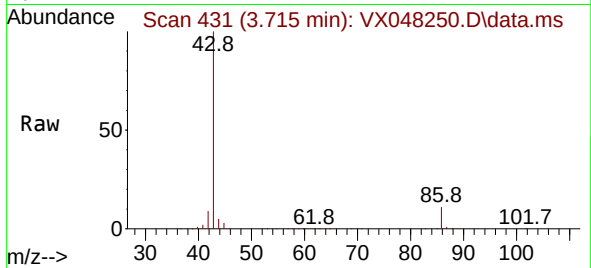
Tgt Ion: 45 Resp: 223032
Ion Ratio Lower Upper
45 100
43 120.6 89.8 134.8
87 28.4 20.6 31.0
59 11.7 9.1 13.7





#23
 Vinyl Acetate
 Concen: 231.296 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048250.D
 Acq: 20 Oct 2025 19:25

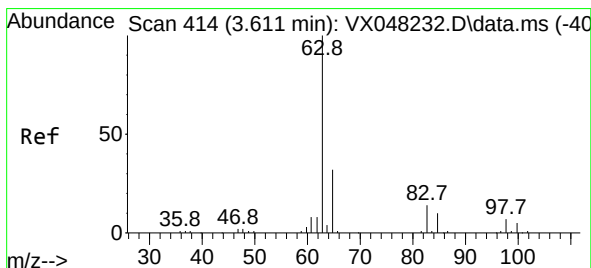
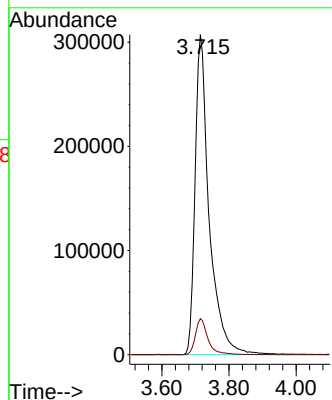
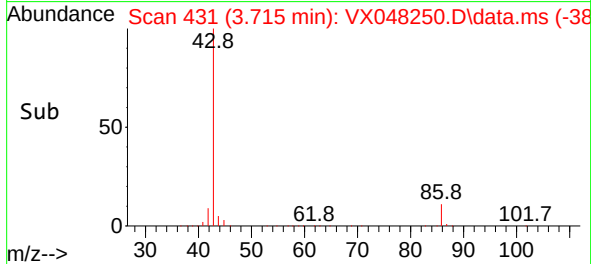
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



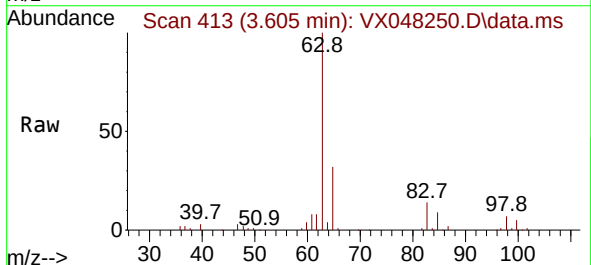
Tgt Ion: 43 Resp: 896740
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.9 11.9

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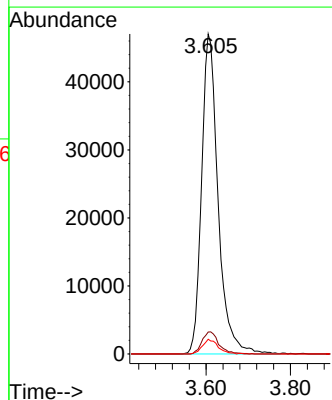
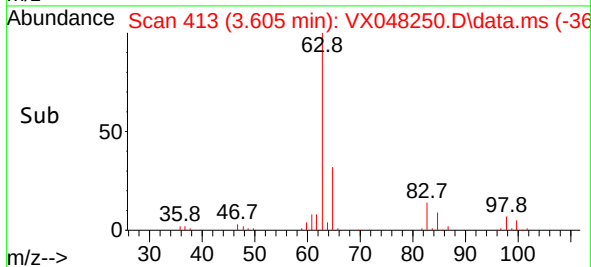
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

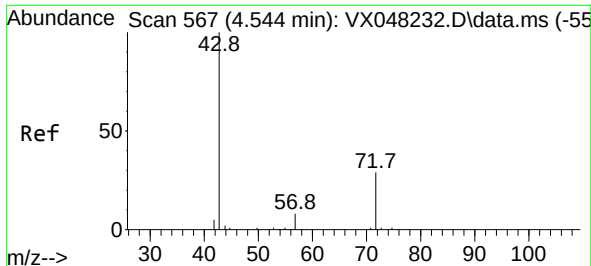


#24
 1,1-Dichloroethane
 Concen: 43.578 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048250.D
 Acq: 20 Oct 2025 19:25



Tgt Ion: 63 Resp: 127890
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.6 2.1 6.3





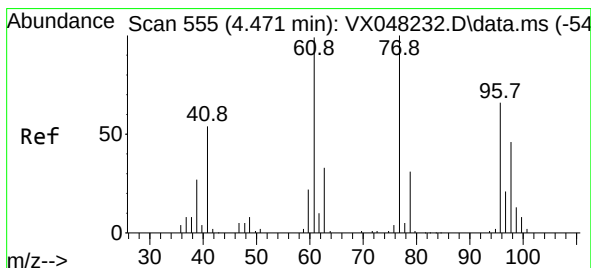
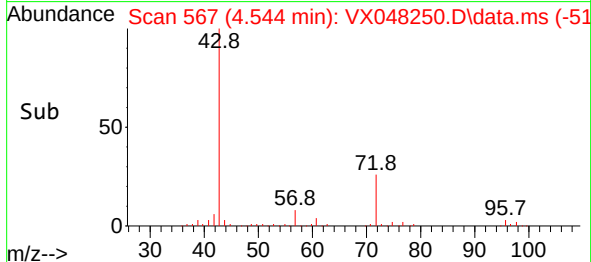
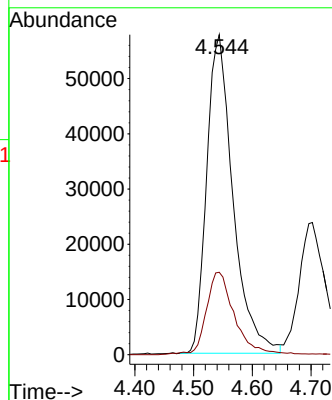
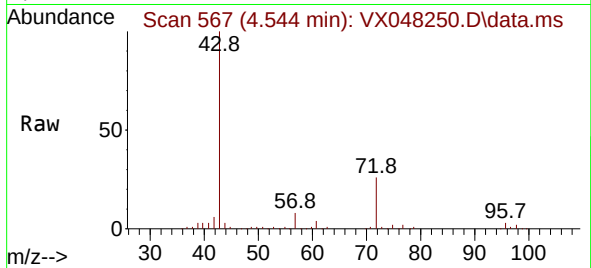
#25
2-Butanone
Concen: 210.709 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 179090
Ion Ratio Lower Upper
43 100
72 25.3 19.9 29.9

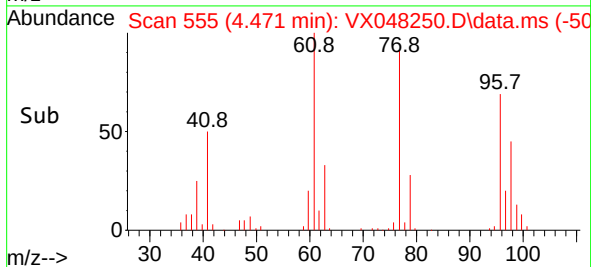
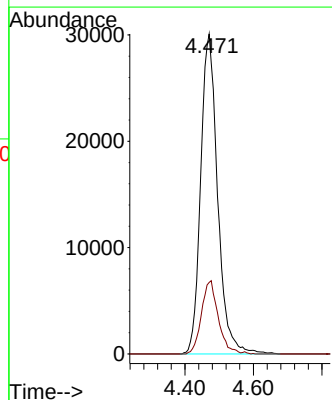
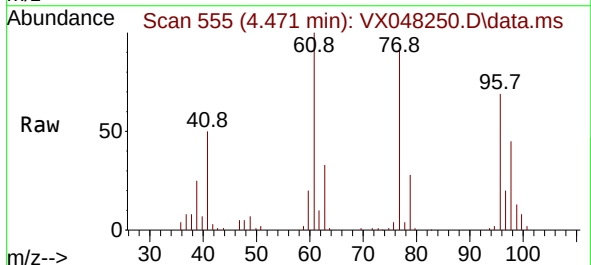
Manual Integrations
APPROVED

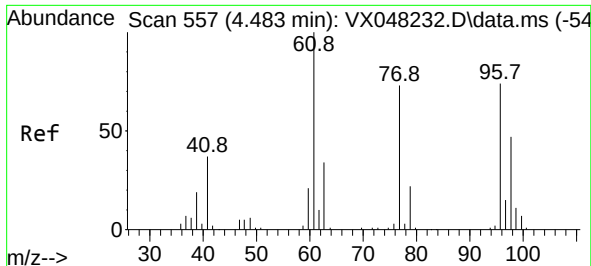
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#26
2,2-Dichloropropane
Concen: 39.096 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion: 77 Resp: 103563
Ion Ratio Lower Upper
77 100
97 22.6 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 44.159 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 8297

Ion Ratio Lower Upper

96 100

61 141.6 0.0 294.2

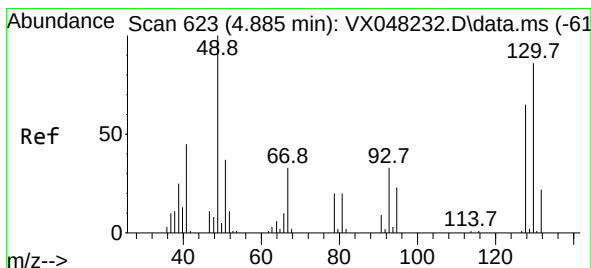
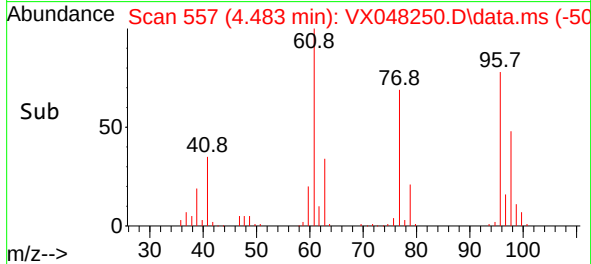
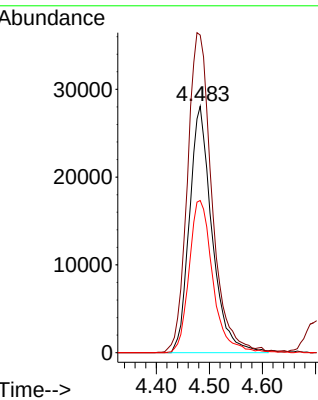
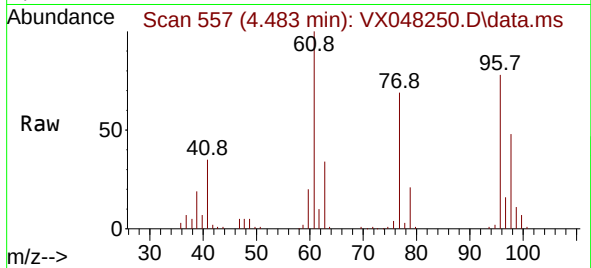
98 65.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 51.151 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

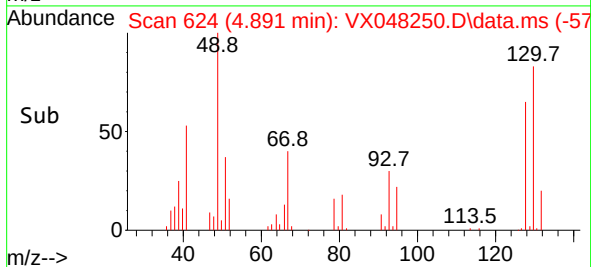
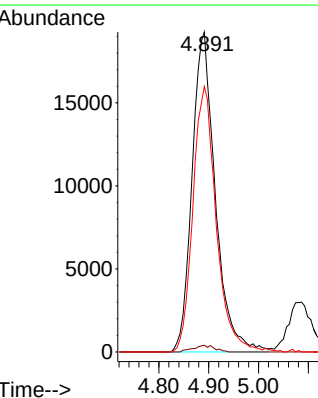
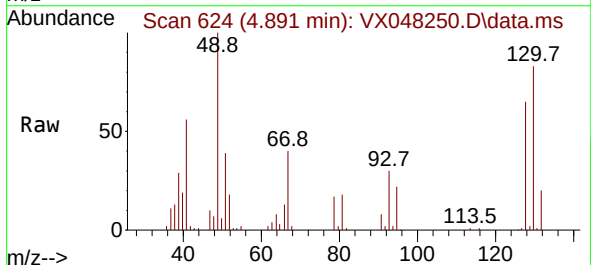
Tgt Ion: 49 Resp: 62244

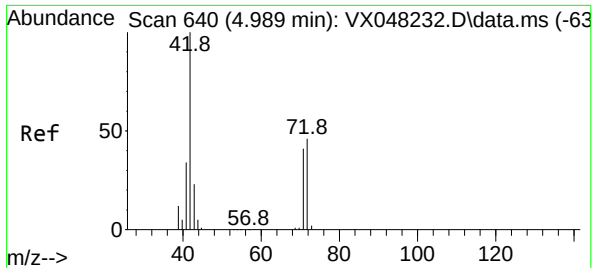
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

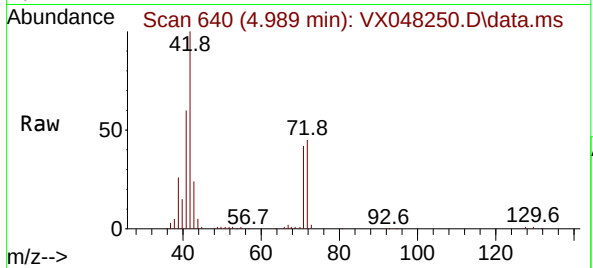
130 83.0 59.3 88.9





#29
Tetrahydrofuran
Concen: 224.351 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

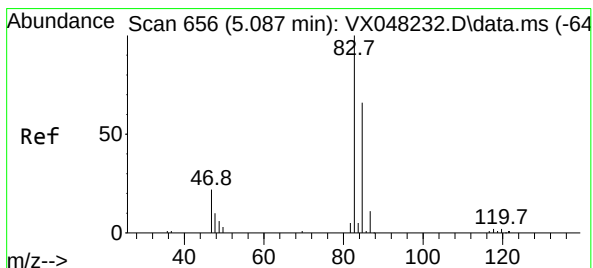
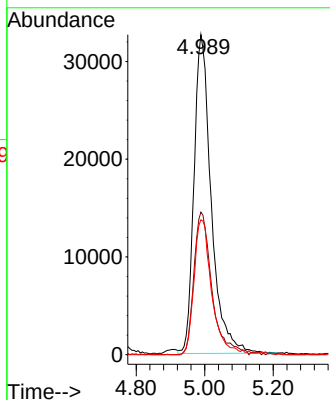
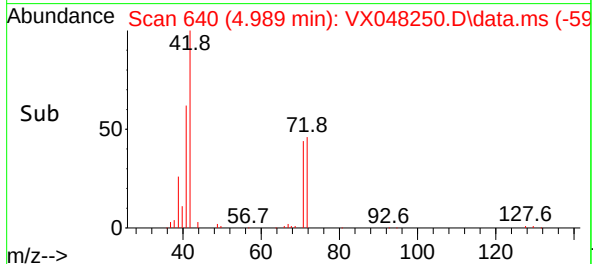
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 11420
Ion Ratio Lower Upper
42 100
72 46.7 35.3 52.9
71 43.5 32.2 48.4

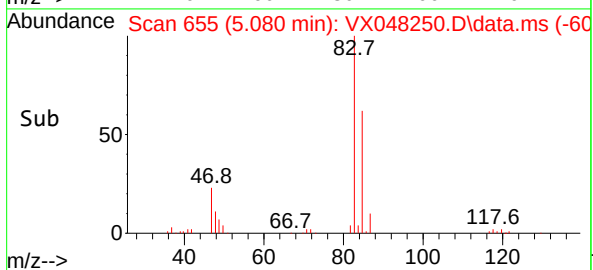
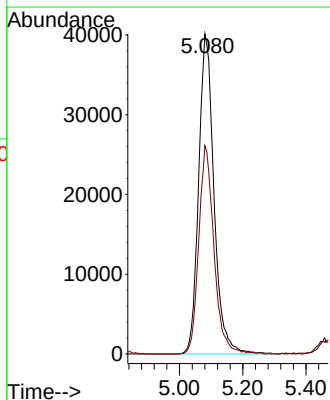
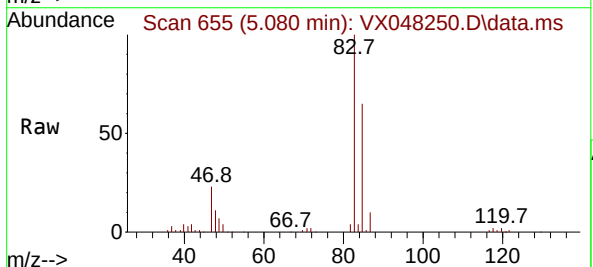
Manual Integrations
APPROVED

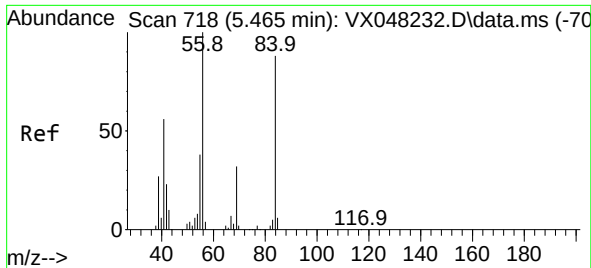
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#30
Chloroform
Concen: 43.198 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

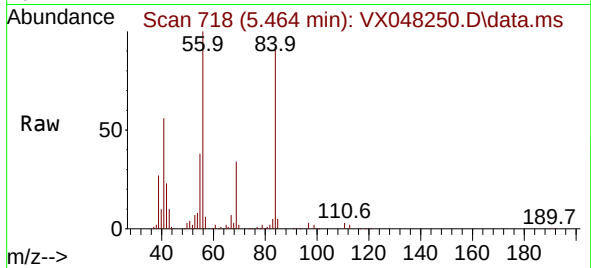
Tgt Ion: 83 Resp: 135447
Ion Ratio Lower Upper
83 100
85 65.1 50.1 75.1





#31
Cyclohexane
Concen: 43.114 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

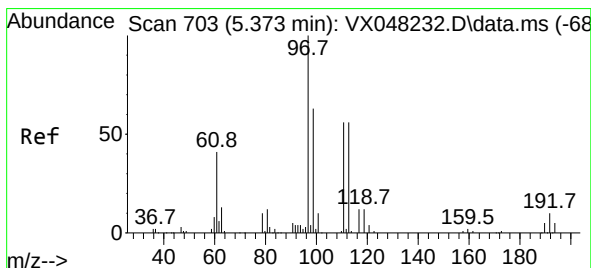
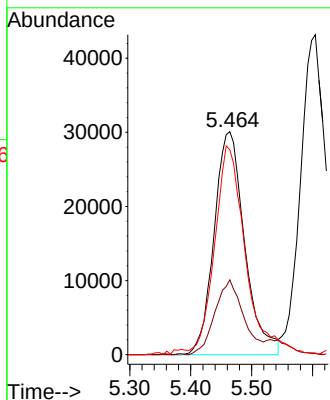
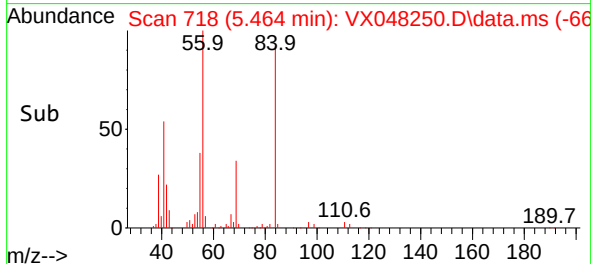
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



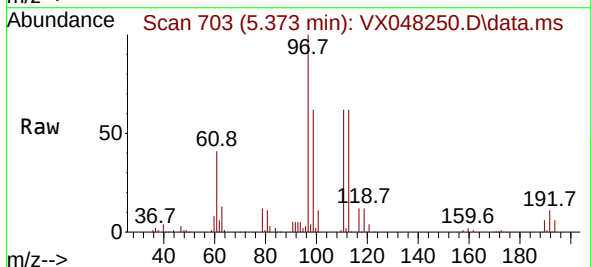
Tgt Ion: 56 Resp: 10475
Ion Ratio Lower Upper
56 100
69 33.1 23.0 34.6
84 89.5 64.6 97.0

Manual Integrations
APPROVED

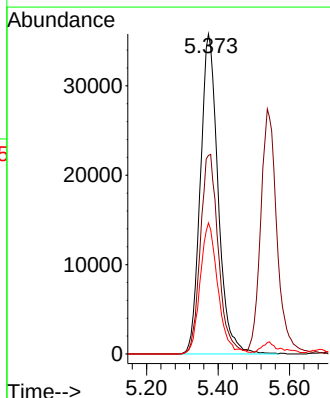
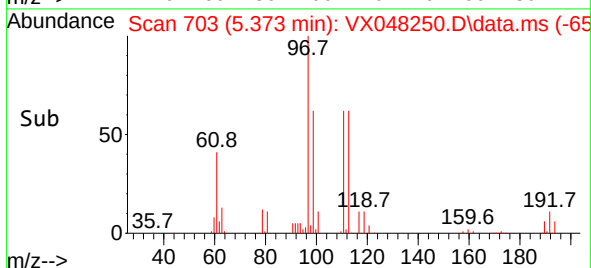
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

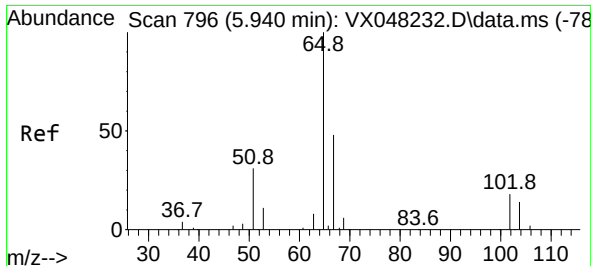


#32
1,1,1-Trichloroethane
Concen: 42.592 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25



Tgt Ion: 97 Resp: 123078
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 41.2 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 46.542 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 91100

Ion Ratio Lower Upper

65 100

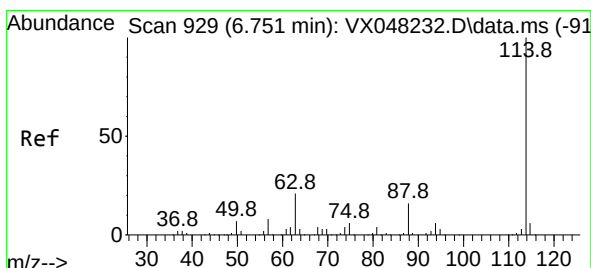
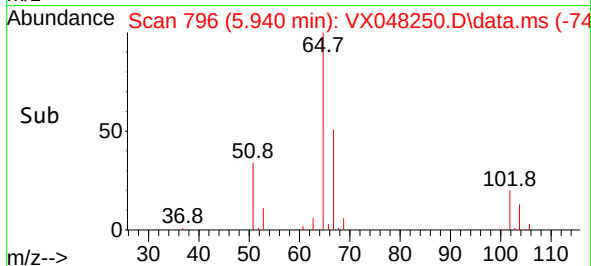
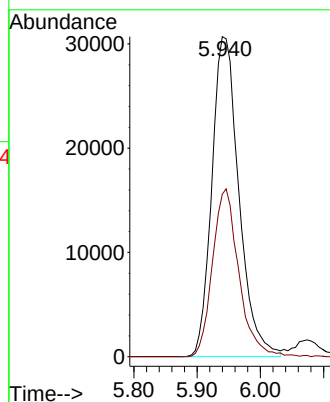
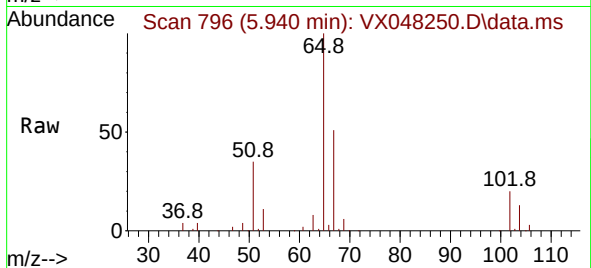
67 51.0 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

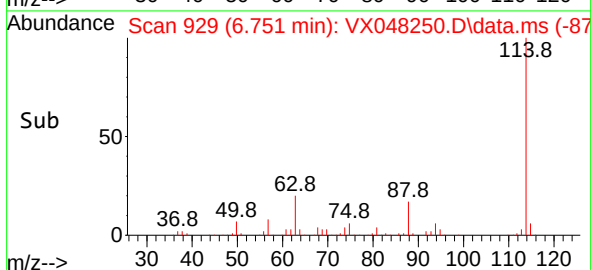
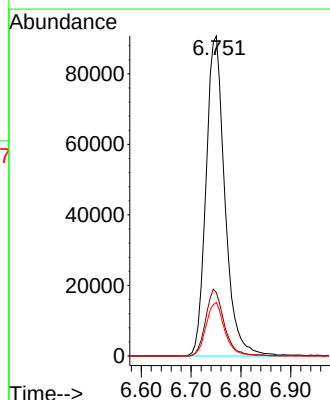
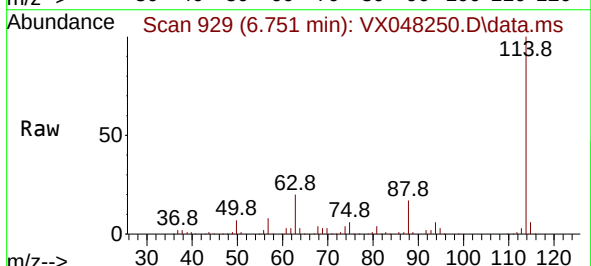
Tgt Ion:114 Resp: 238004

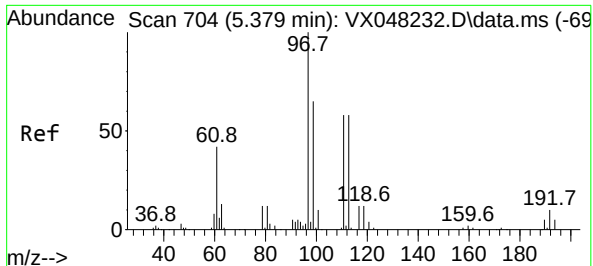
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

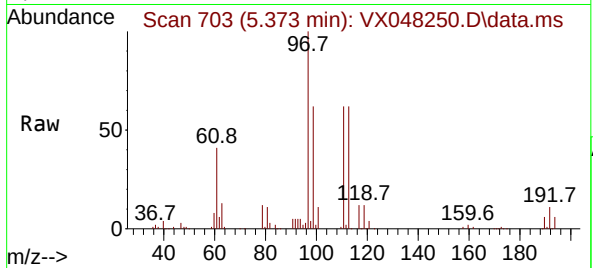
88 16.7 0.0 33.6





#35
Dibromofluoromethane
Concen: 45.636 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

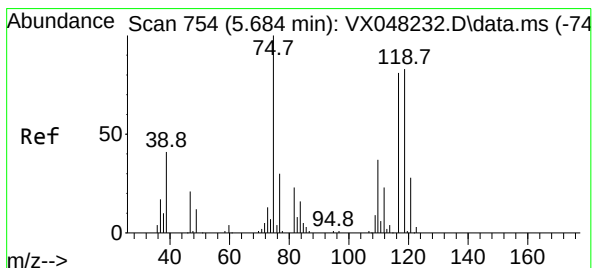
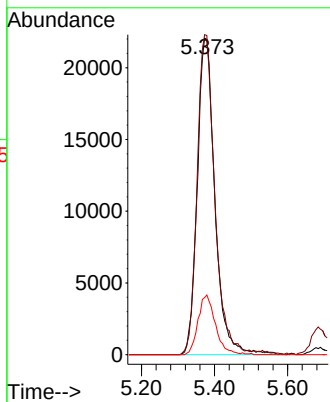
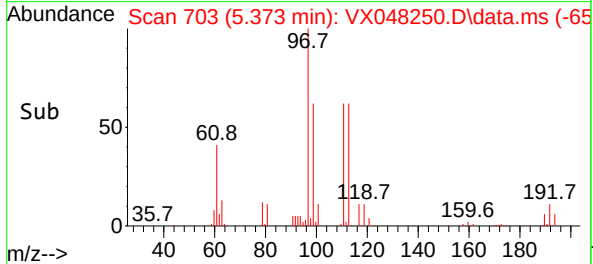
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 7415
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 18.5 15.1 22.7

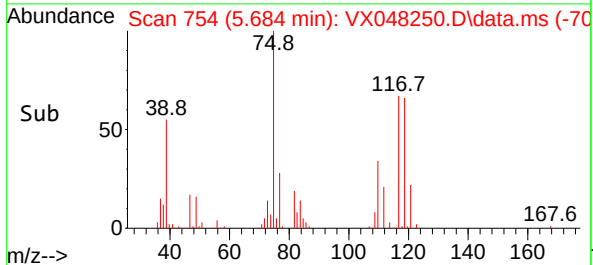
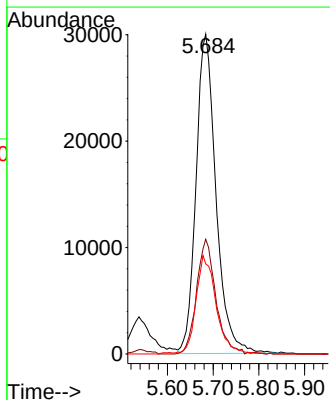
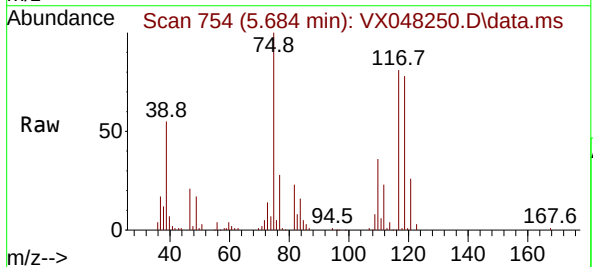
Manual Integrations
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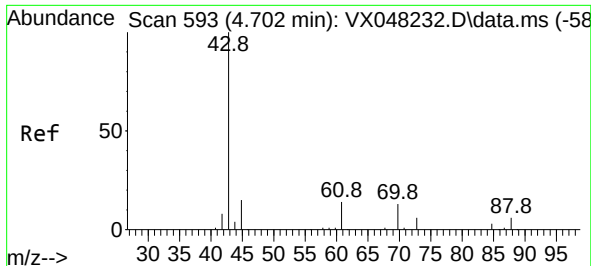
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#36
1,1-Dichloropropene
Concen: 39.469 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion: 75 Resp: 91151
Ion Ratio Lower Upper
75 100
110 34.6 17.7 53.1
77 29.9 24.3 36.5





#37

Ethyl Acetate

Concen: 40.173 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 76900

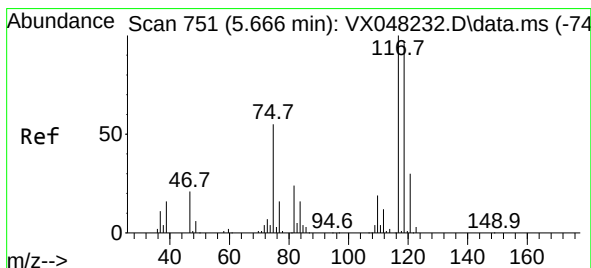
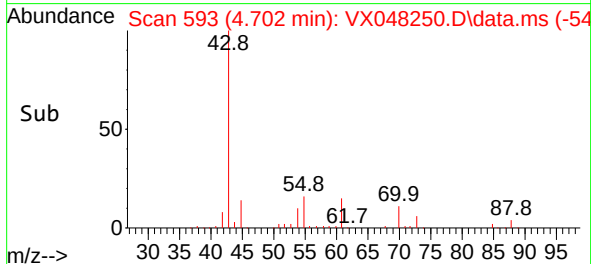
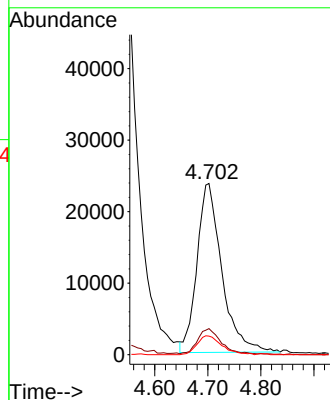
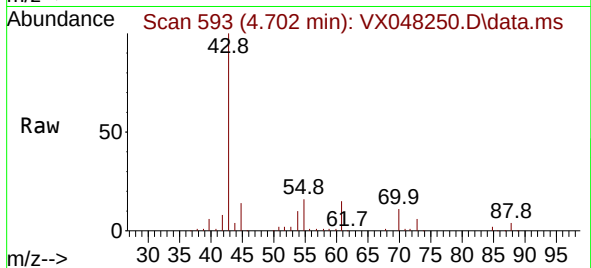
Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.6	15.8
70	11.1	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 37.895 ug/l

RT: 5.672 min Scan# 752

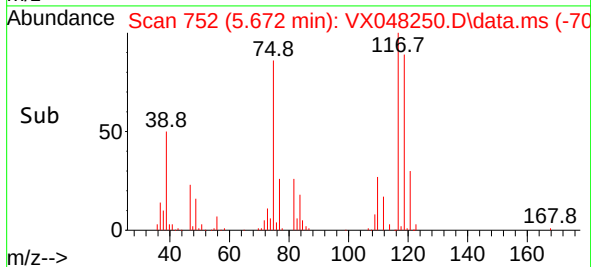
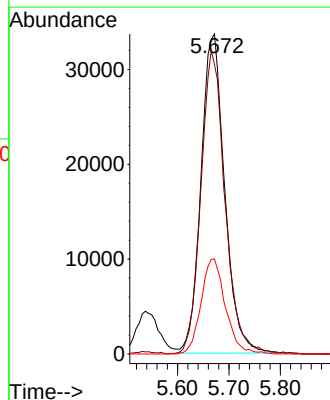
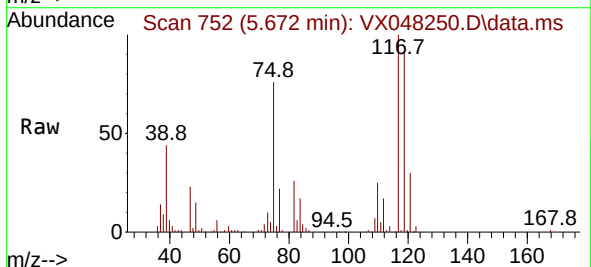
Delta R.T. 0.006 min

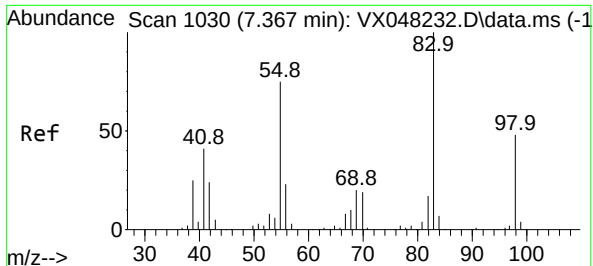
Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Tgt Ion:117 Resp: 107972

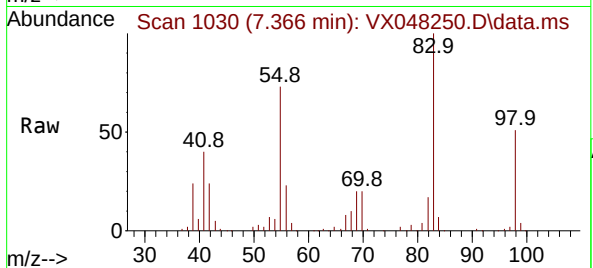
Ion	Ratio	Lower	Upper
117	100		
119	90.5	77.2	115.8
121	29.8	24.8	37.2





#39
Methylcyclohexane
Concen: 39.300 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

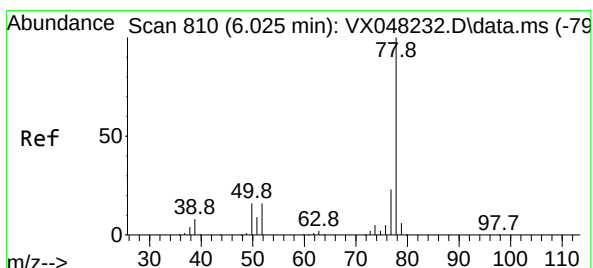
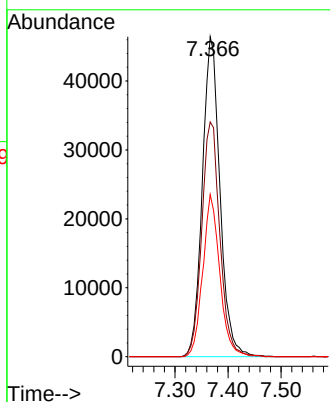
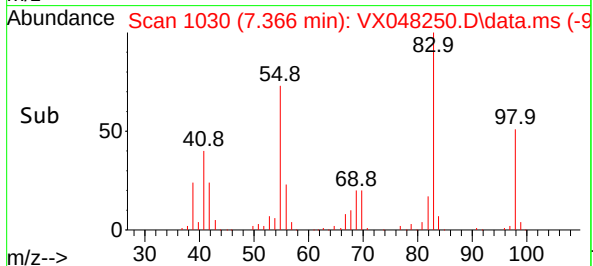
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 10718
Ion Ratio Lower Upper
83 100
55 73.3 66.2 99.2
98 50.7 38.9 58.3

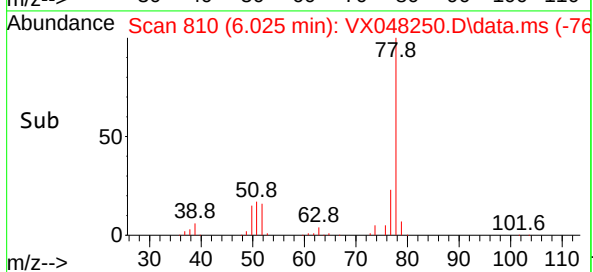
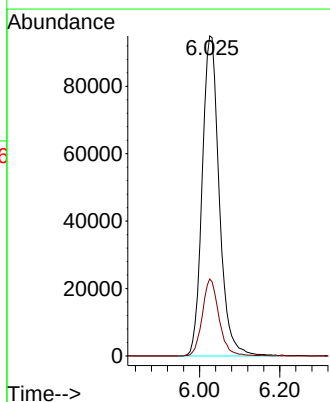
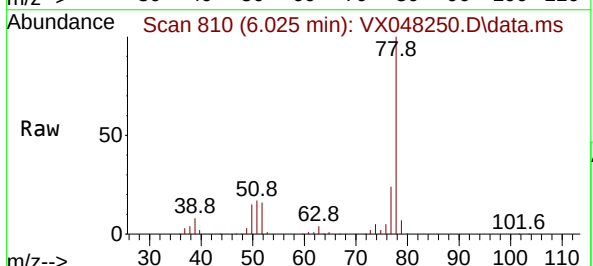
Manual Integrations
APPROVED

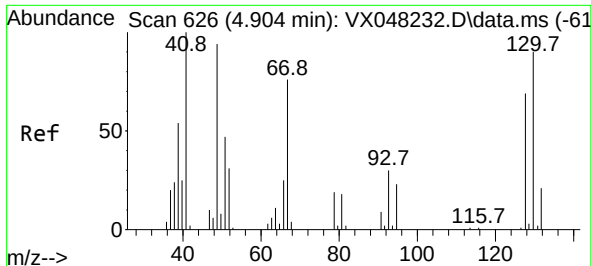
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#40
Benzene
Concen: 41.821 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

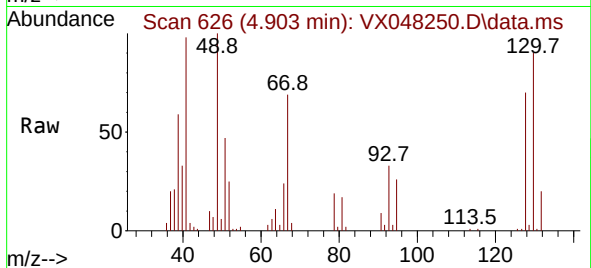
Tgt Ion: 78 Resp: 280412
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 42.726 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

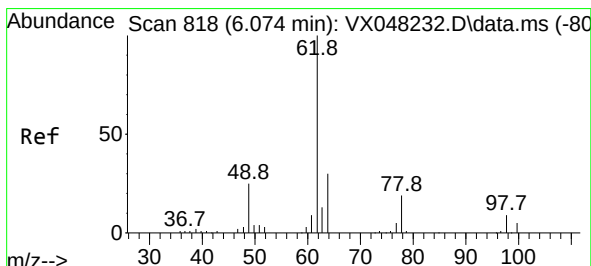
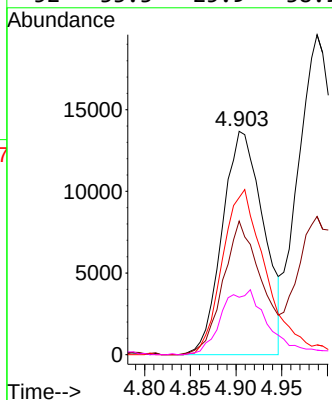
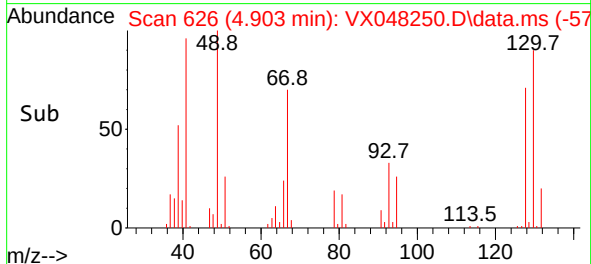
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 4295
Ion Ratio Lower Upper
41 100
39 55.3 44.0 66.0
67 80.6 58.7 88.1
52 33.3 25.9 38.9

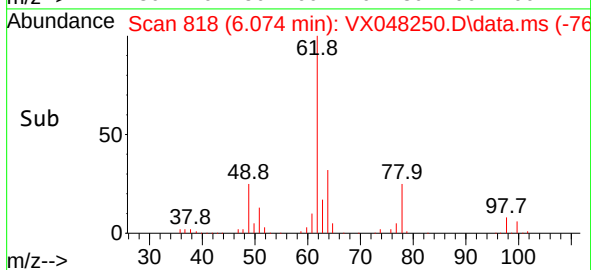
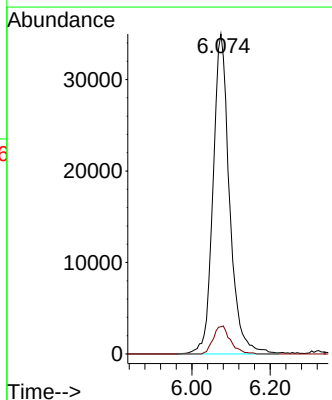
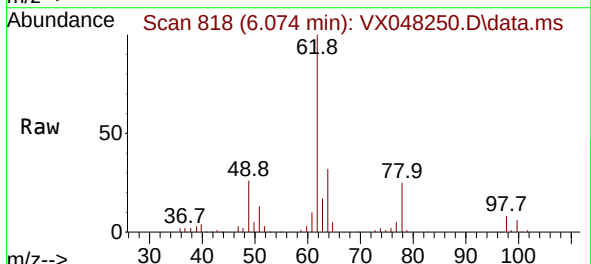
Manual Integrations
APPROVED

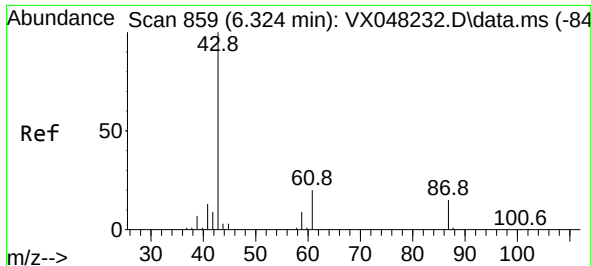
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 41.460 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

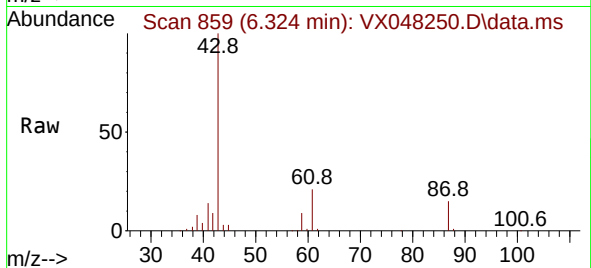
Tgt Ion: 62 Resp: 102580
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.2





#43
Isopropyl Acetate
Concen: 42.401 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

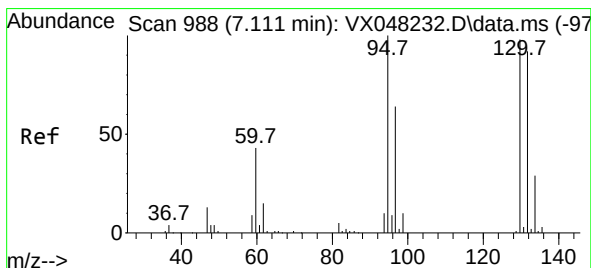
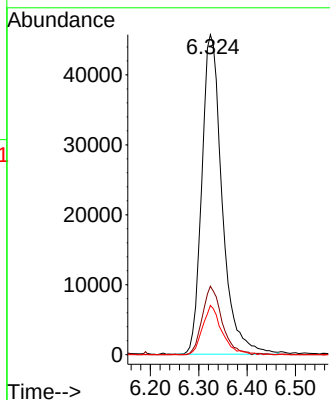
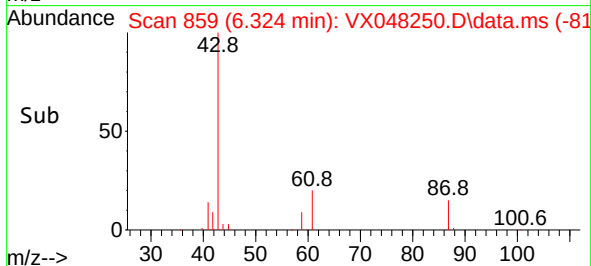
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



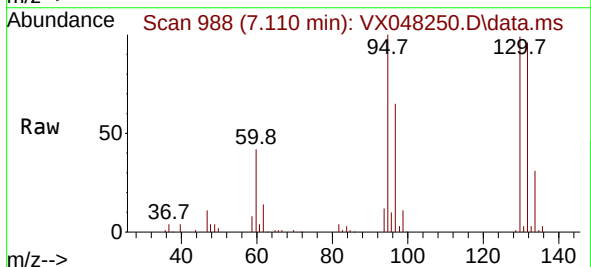
Tgt Ion: 43 Resp: 13332
Ion Ratio Lower Upper
43 100
61 20.7 14.9 22.3
87 14.7 9.4 14.2

Manual Integrations
APPROVED

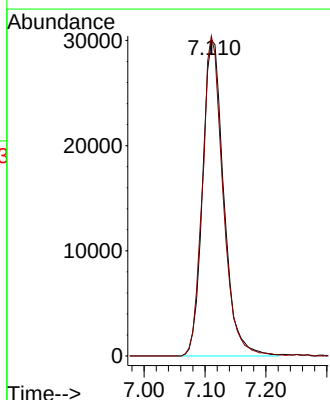
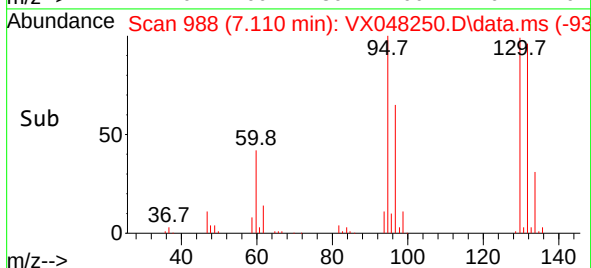
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

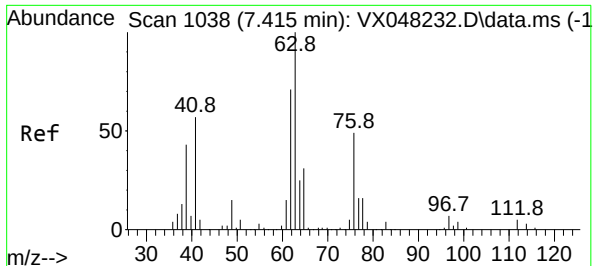


#44
Trichloroethene
Concen: 41.075 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25



Tgt Ion:130 Resp: 72723
Ion Ratio Lower Upper
130 100
95 110.9 0.0 200.6





#45

1,2-Dichloropropane

Concen: 43.200 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6886

Ion Ratio Lower Upper

63 100

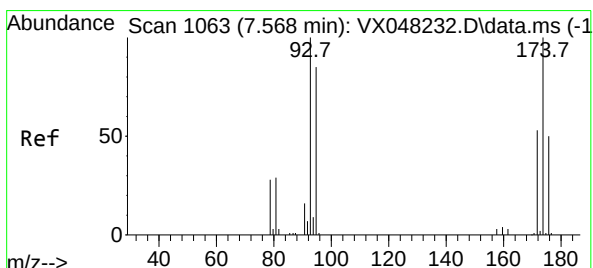
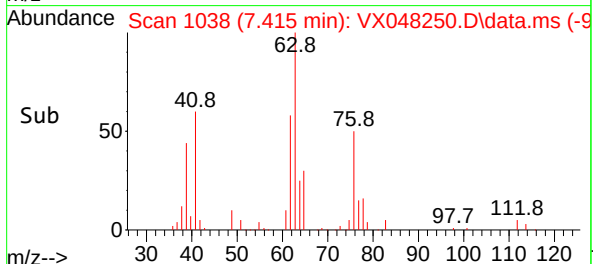
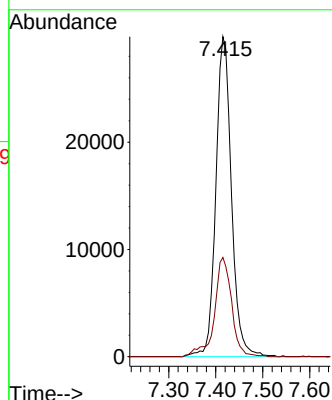
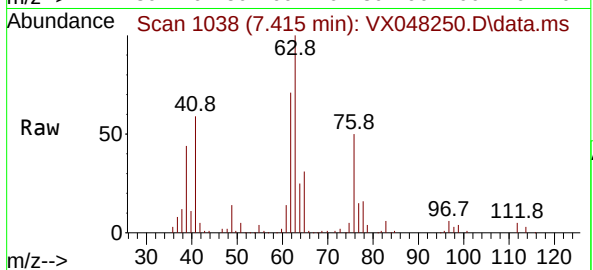
65 31.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 42.277 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

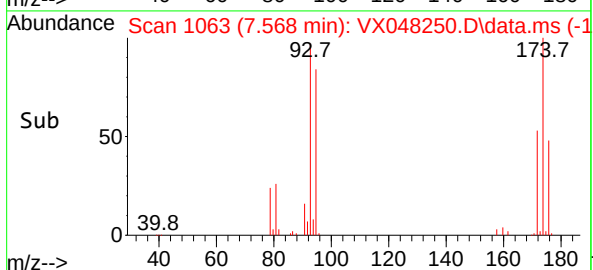
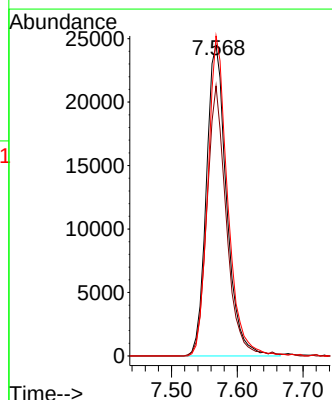
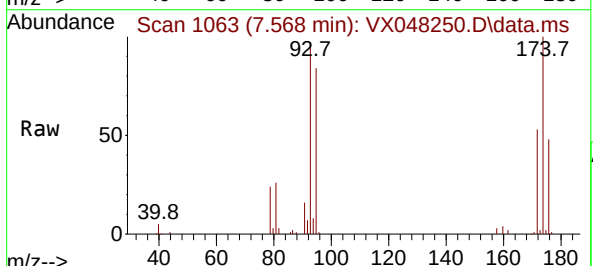
Tgt Ion: 93 Resp: 52507

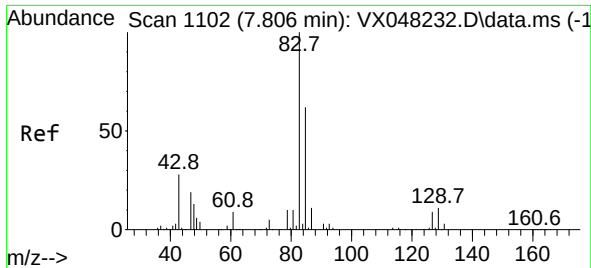
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

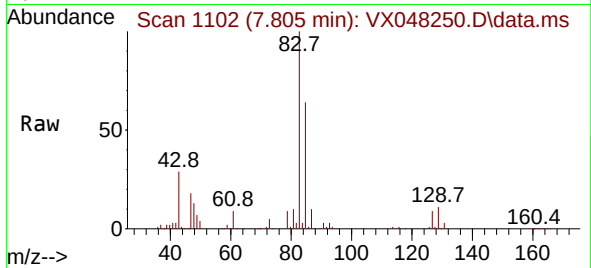
174 100.2 71.7 107.5





#47
Bromodichloromethane
Concen: 41.521 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

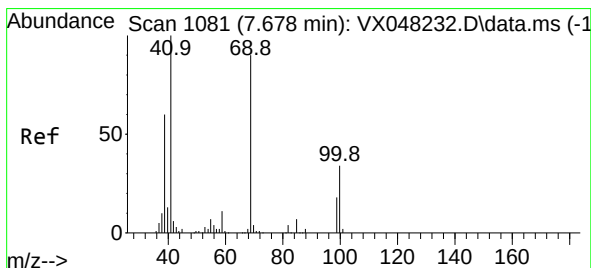
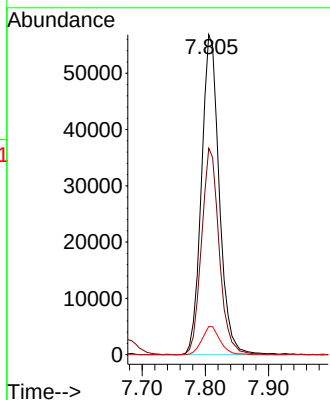
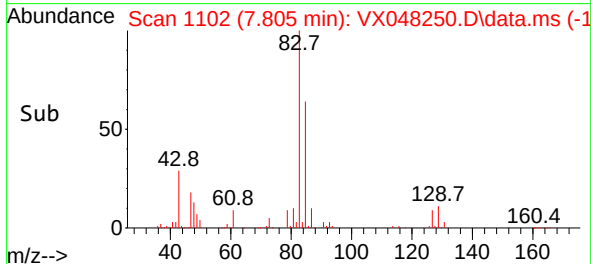
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11134
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4
127 8.8 7.3 10.9

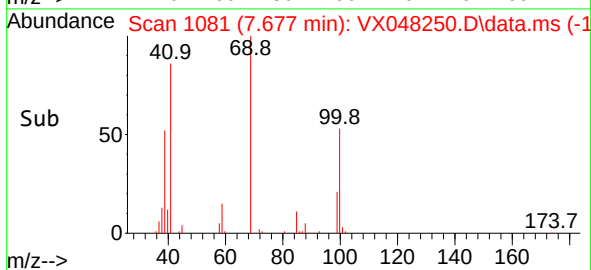
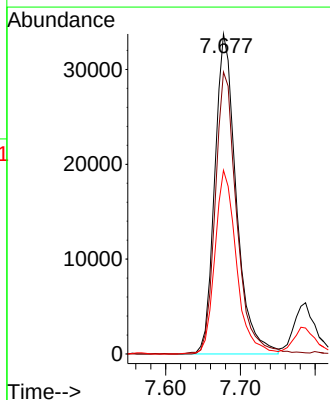
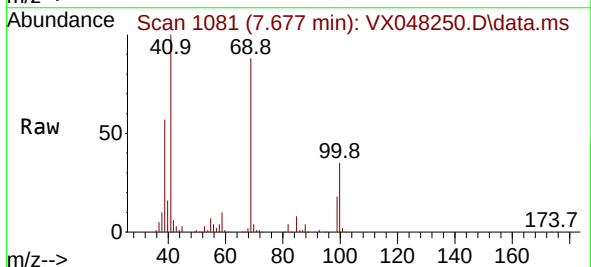
Manual Integrations
APPROVED

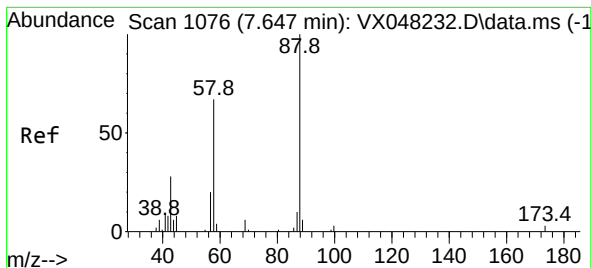
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#48
Methyl methacrylate
Concen: 42.595 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion: 41 Resp: 67583
Ion Ratio Lower Upper
41 100
69 87.8 63.4 95.0
39 57.3 47.1 70.7





#49

1,4-Dioxane

Concen: 807.374 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

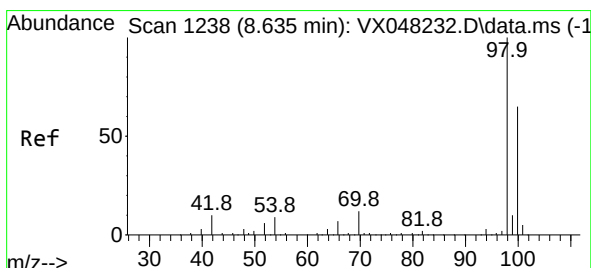
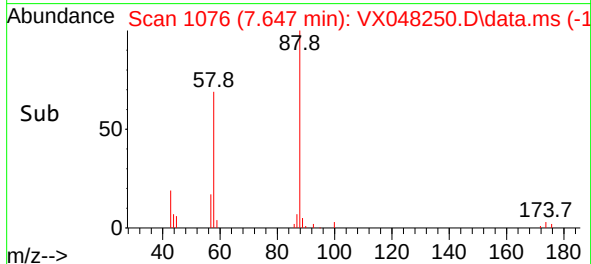
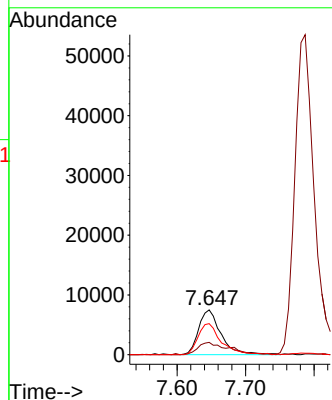
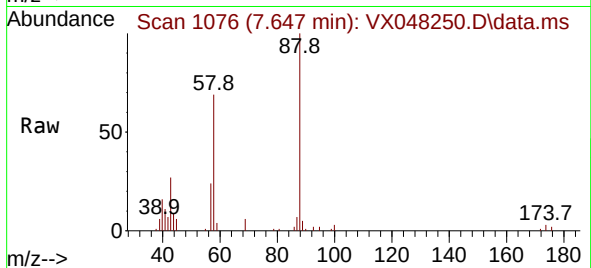
Tgt Ion: 88 Resp: 16924
 Ion Ratio Lower Upper
 88 100
 43 38.3 35.0 52.4
 58 72.1 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#50

Toluene-d8

Concen: 44.713 ug/l

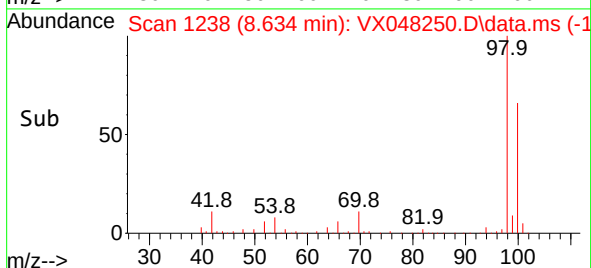
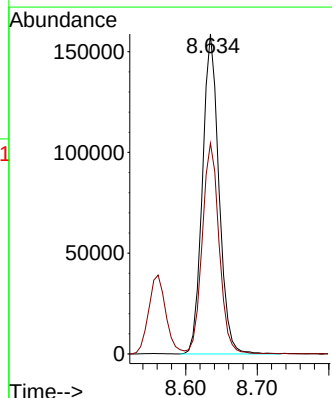
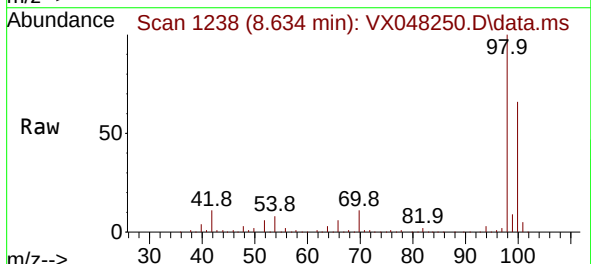
RT: 8.634 min Scan# 1238

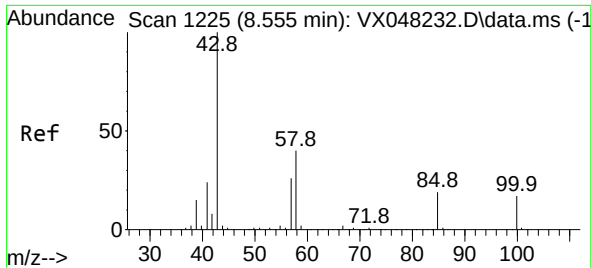
Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Tgt Ion: 98 Resp: 254653
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 213.772 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

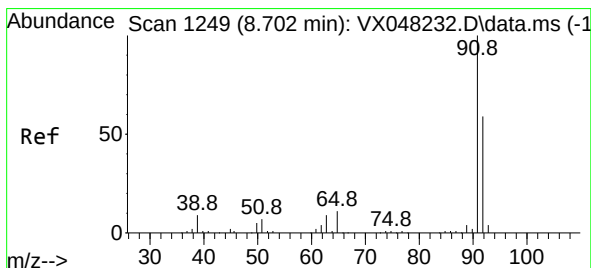
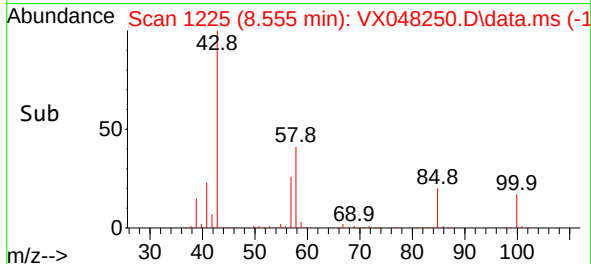
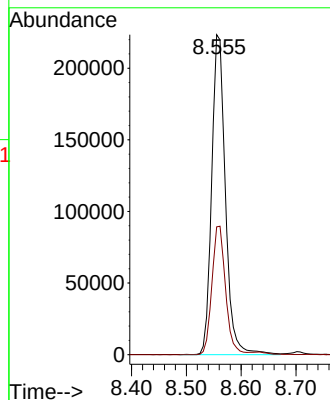
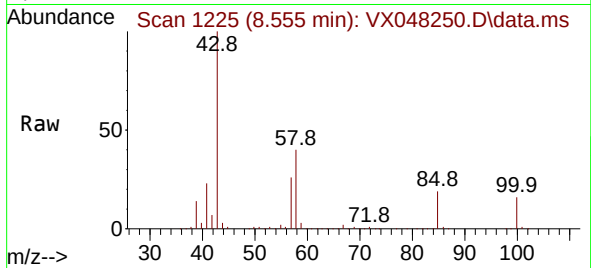
VSTDCCC050EC

Tgt Ion: 43 Resp: 387550
Ion Ratio Lower Upper
43 100
58 39.9 29.5 44.3

Manual Integrations

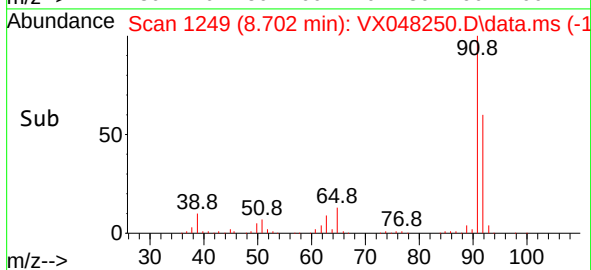
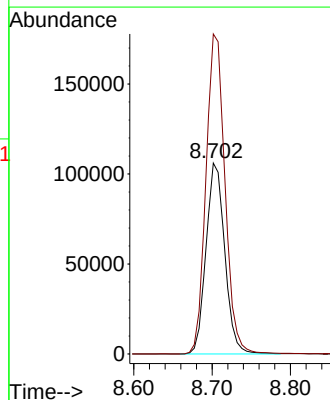
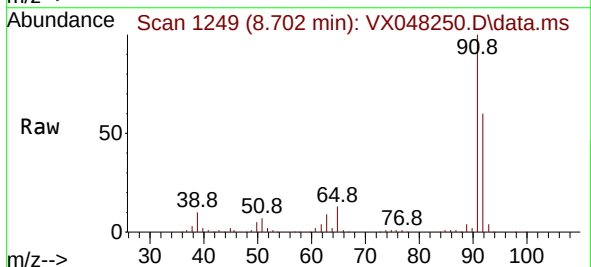
APPROVED

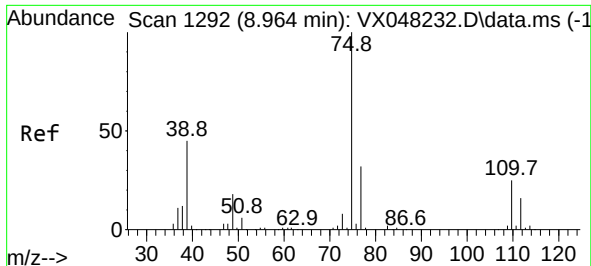
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#52
Toluene
Concen: 41.403 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion: 92 Resp: 176360
Ion Ratio Lower Upper
92 100
91 170.2 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 42.344 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 109424

Ion Ratio Lower Upper

75 100

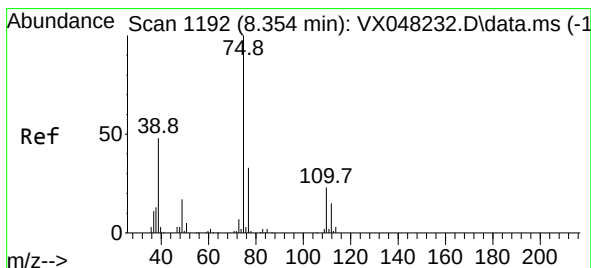
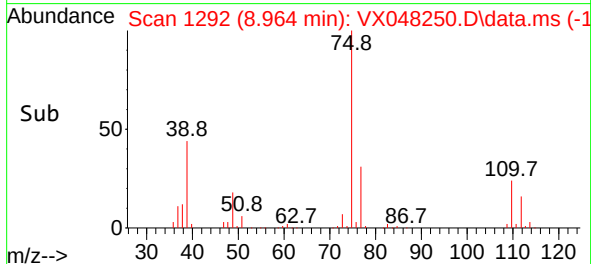
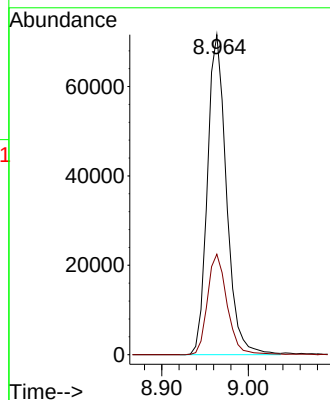
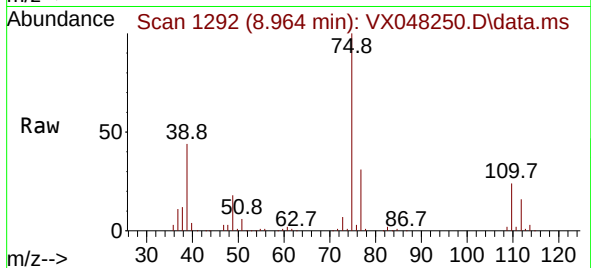
77 31.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#54

cis-1,3-Dichloropropene

Concen: 41.966 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

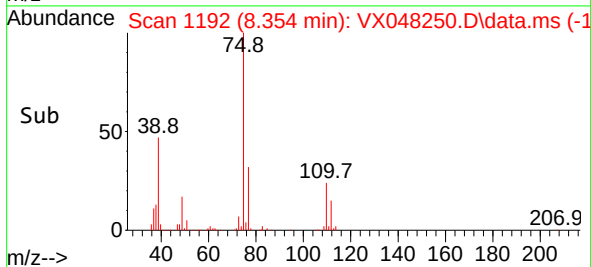
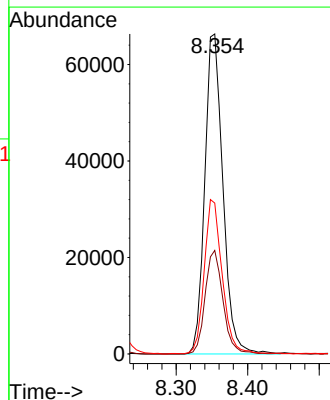
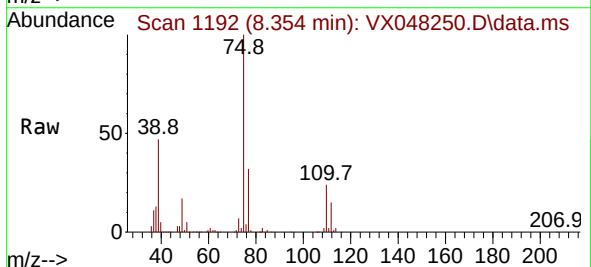
Tgt Ion: 75 Resp: 117004

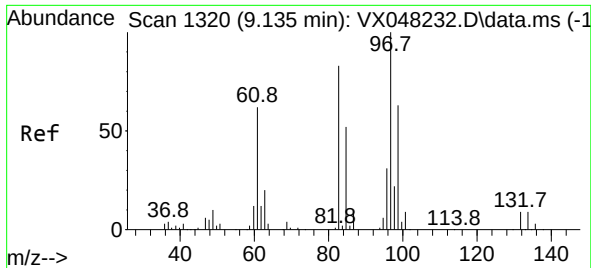
Ion Ratio Lower Upper

75 100

77 32.4 24.9 37.3

39 47.0 42.6 64.0





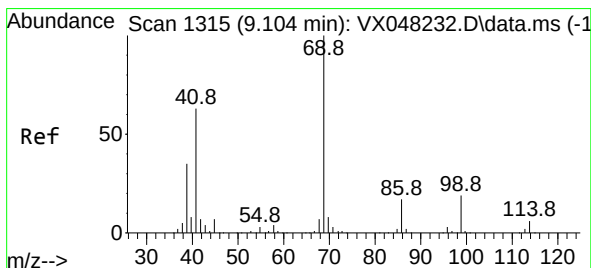
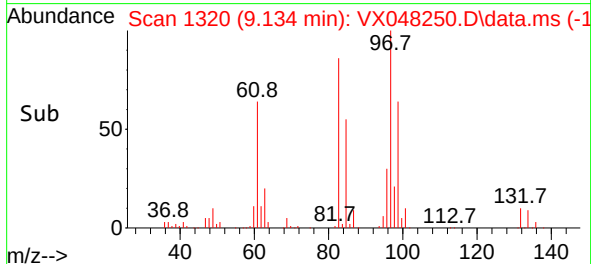
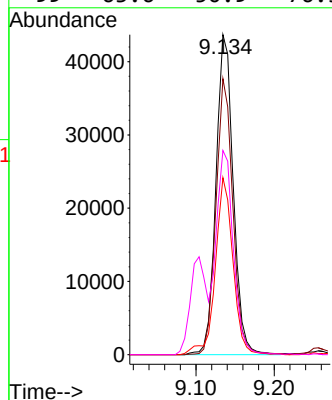
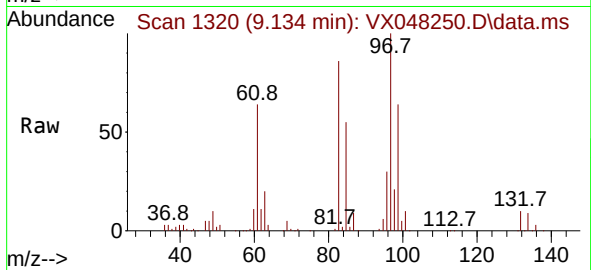
#55
1,1,2-Trichloroethane
Concen: 42.431 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97	Resp: 67214
Ion Ratio	Lower Upper
97 100	
83 86.2	70.6 105.8
85 55.3	45.0 67.6
99 63.6	50.9 76.3

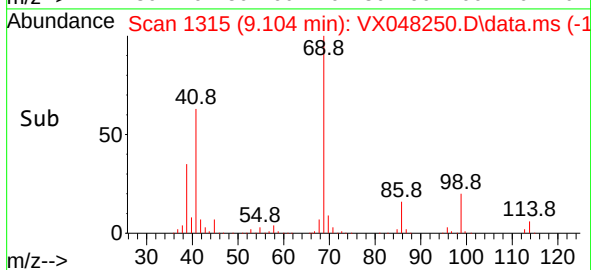
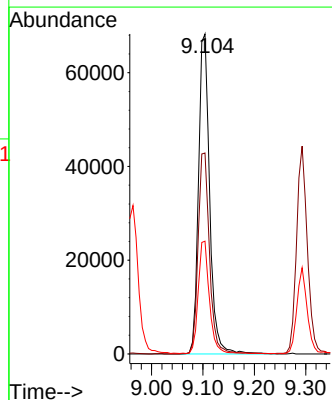
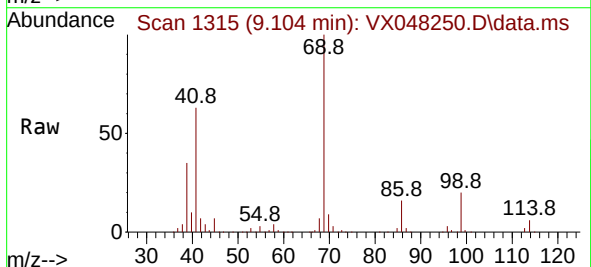
Manual Integrations
APPROVED

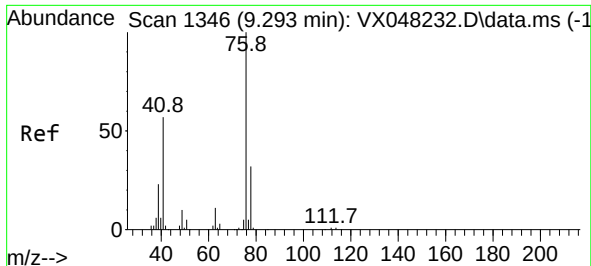
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#56
Ethyl methacrylate
Concen: 44.462 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion: 69	Resp: 103017
Ion Ratio	Lower Upper
69 100	
41 64.3	56.0 84.0
39 35.5	31.6 47.4





#57

1,3-Dichloropropane

Concen: 42.655 ug/l

RT: 9.293 min Scan# 115414

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 115414

Ion Ratio Lower Upper

76 100

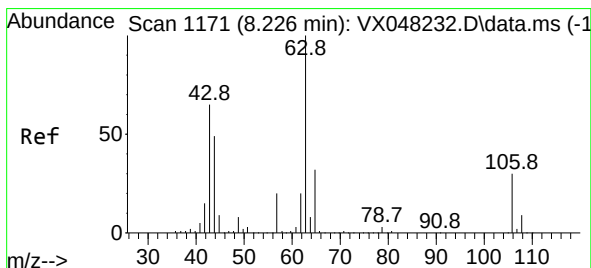
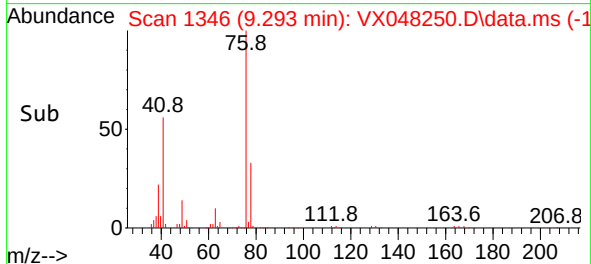
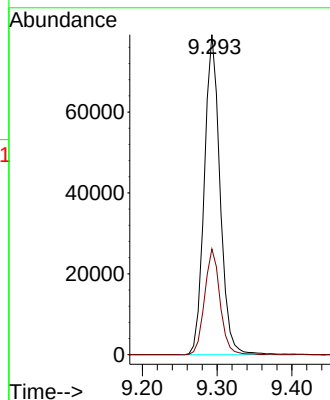
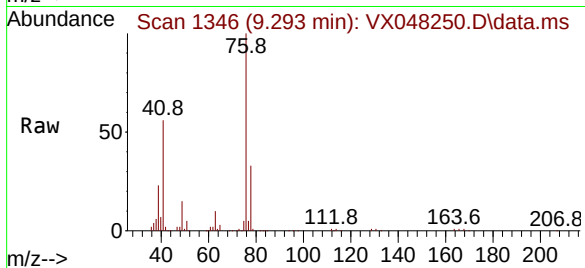
78 32.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 213.796 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048250.D

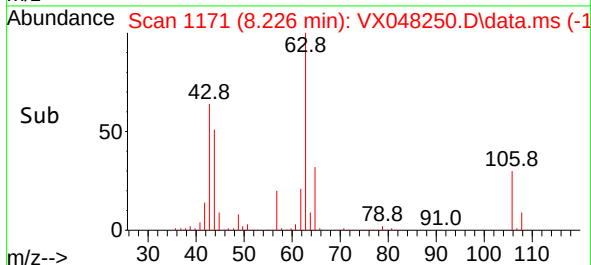
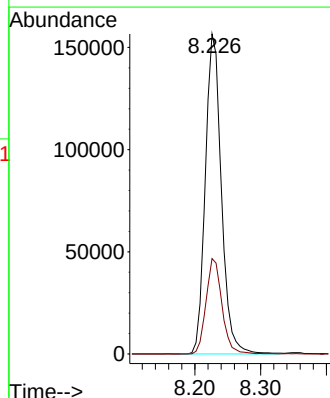
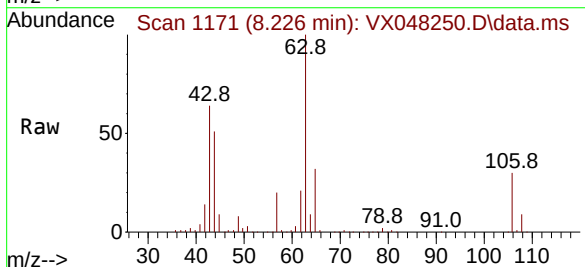
Acq: 20 Oct 2025 19:25

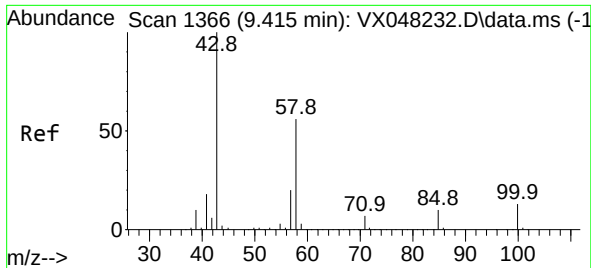
Tgt Ion: 63 Resp: 266044

Ion Ratio Lower Upper

63 100

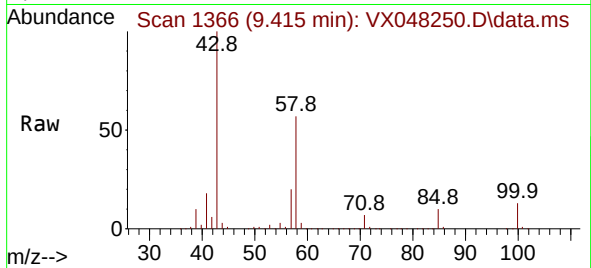
106 29.6 22.2 33.2





#59
2-Hexanone
Concen: 211.078 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

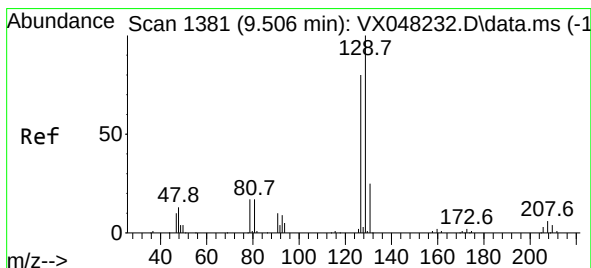
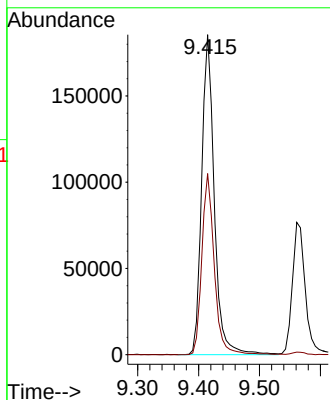
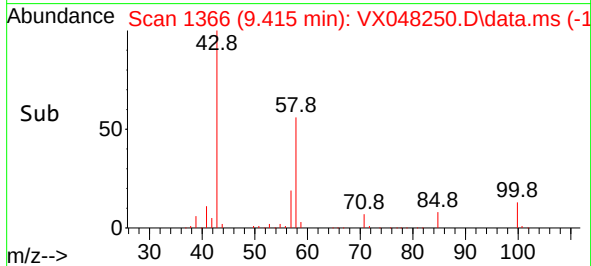
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 266829
Ion Ratio Lower Upper
43 100
58 55.8 26.3 78.8

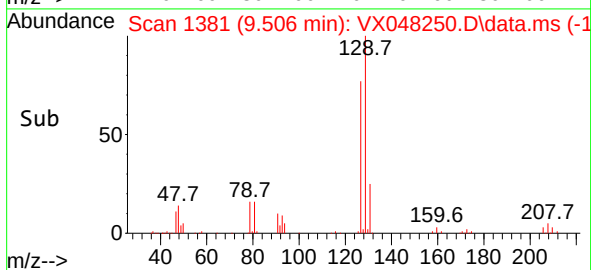
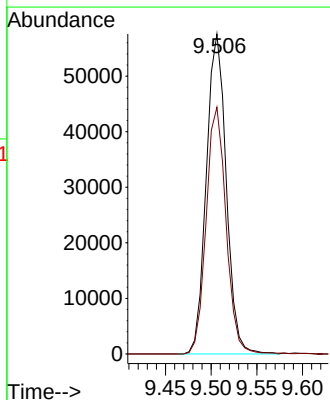
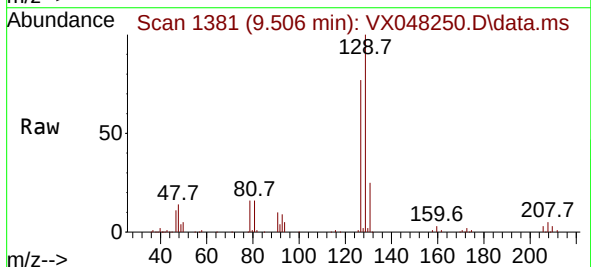
Manual Integrations
APPROVED

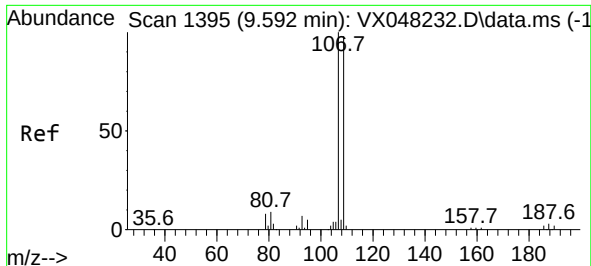
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#60
Dibromochloromethane
Concen: 40.872 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

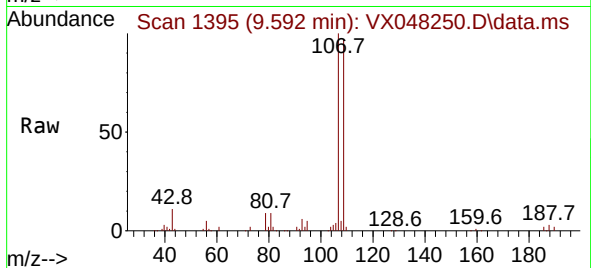
Tgt Ion:129 Resp: 87021
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 42.360 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

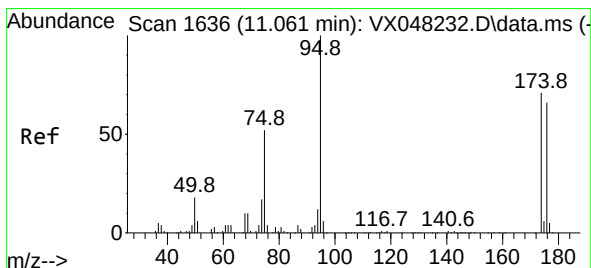
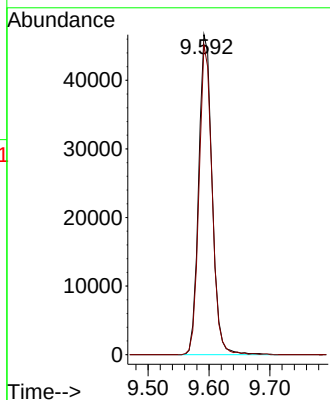
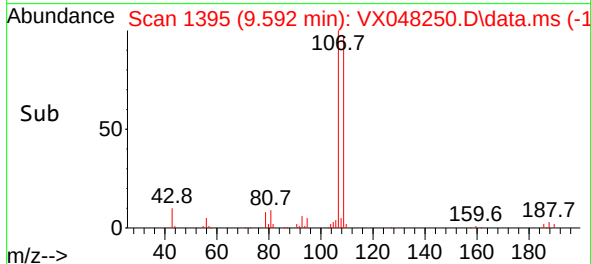
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



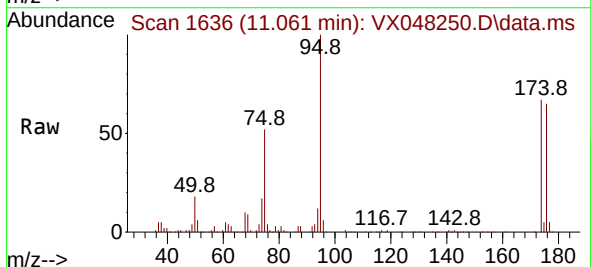
Tgt Ion:107 Resp: 71534
Ion Ratio Lower Upper
107 100
109 94.6 77.0 115.4

Manual Integrations
APPROVED

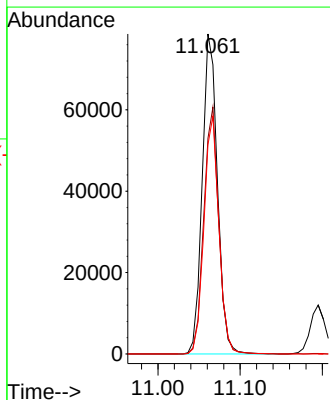
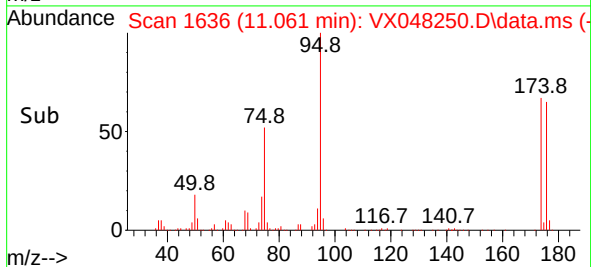
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

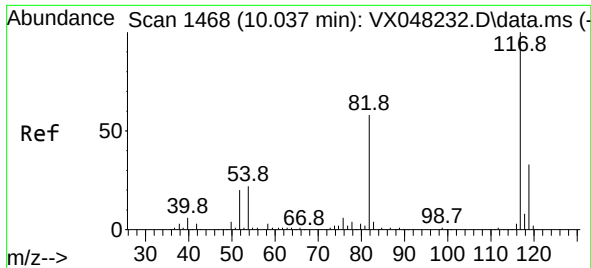


#62
4-Bromofluorobenzene
Concen: 46.587 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25



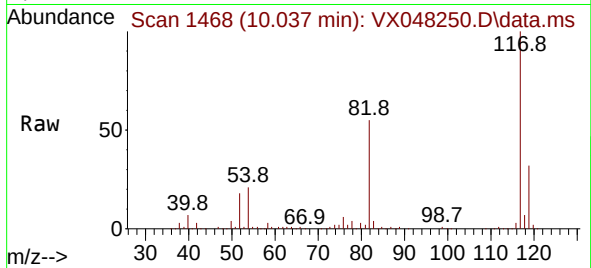
Tgt Ion: 95 Resp: 100937
Ion Ratio Lower Upper
95 100
174 75.9 0.0 147.8
176 73.3 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

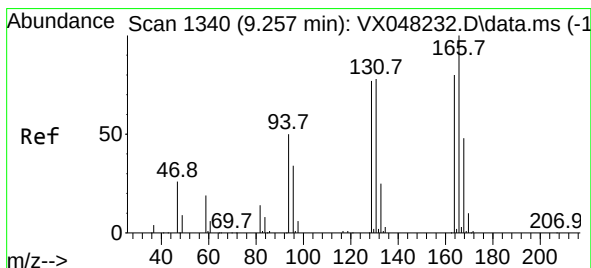
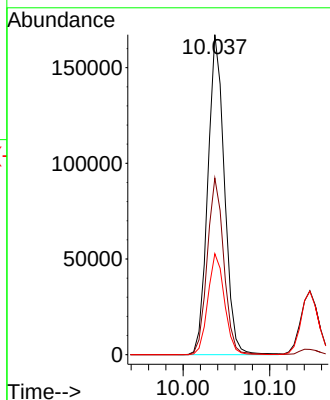
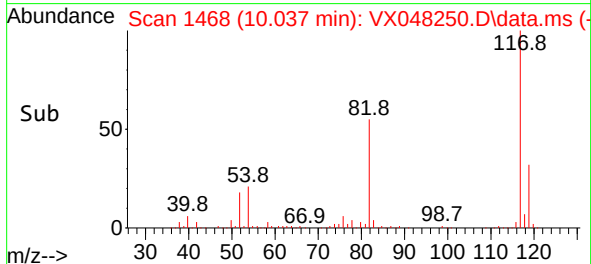
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 22258
Ion Ratio Lower Upper
117 100
82 55.2 46.5 69.7
119 31.5 25.9 38.9

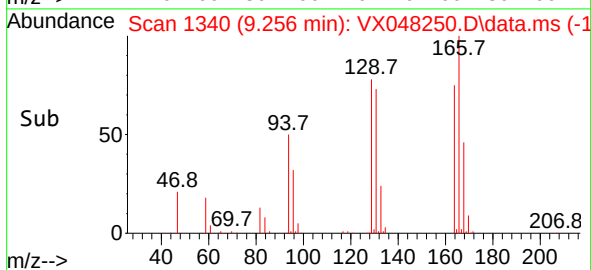
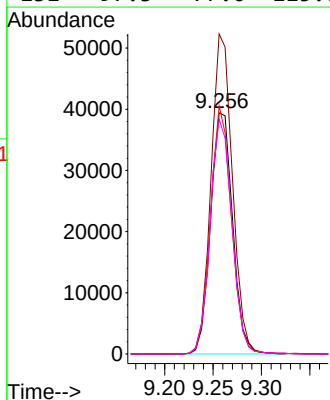
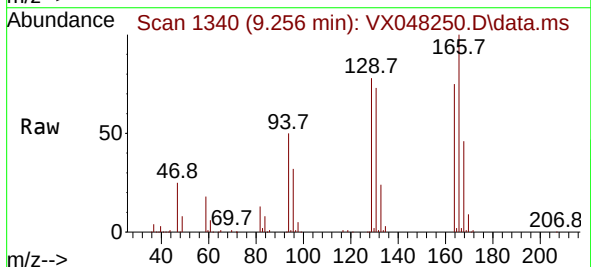
Manual Integrations
APPROVED

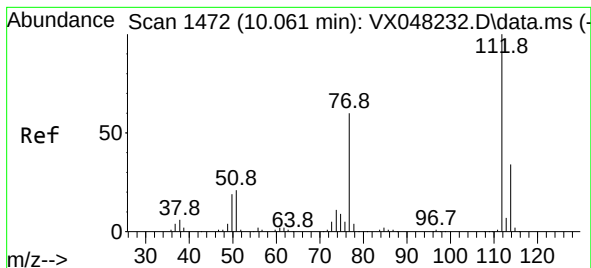
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 37.463 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion:164 Resp: 62251
Ion Ratio Lower Upper
164 100
166 132.7 104.5 156.7
129 102.9 81.8 122.6
131 97.3 77.0 115.6





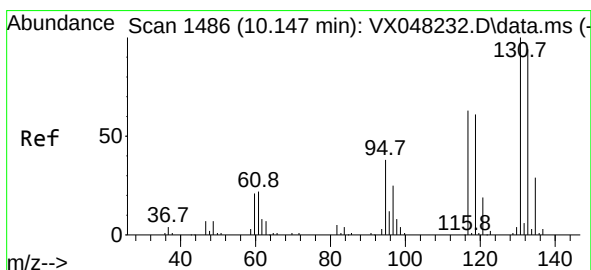
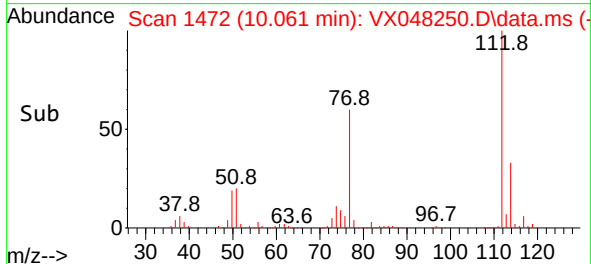
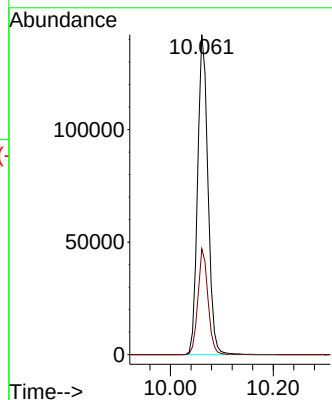
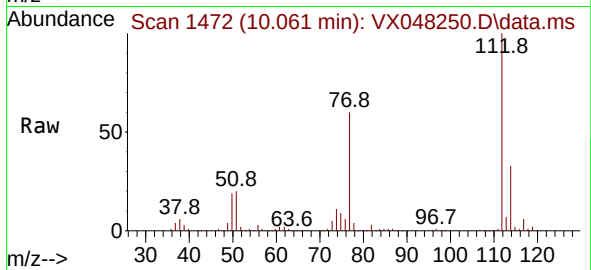
#65
Chlorobenzene
Concen: 39.787 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 199218
Ion Ratio Lower Upper
112 100
114 33.1 26.2 39.2

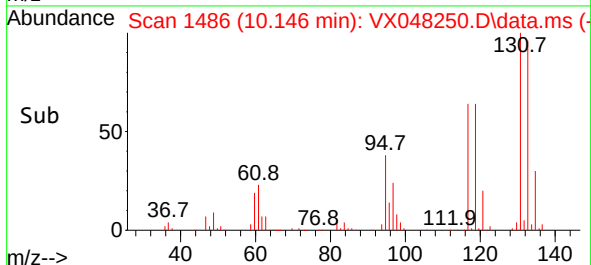
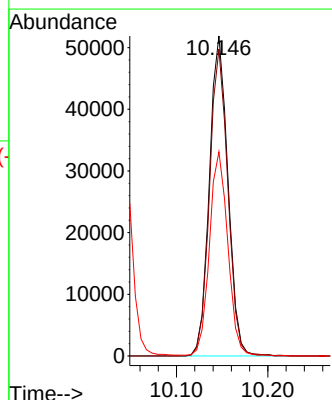
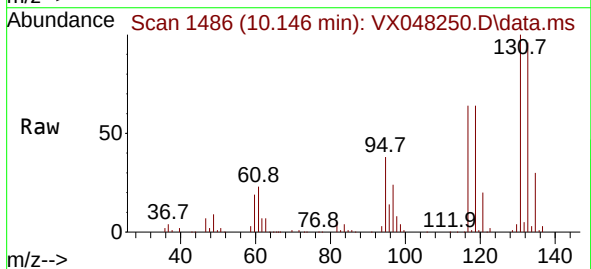
Manual Integrations
APPROVED

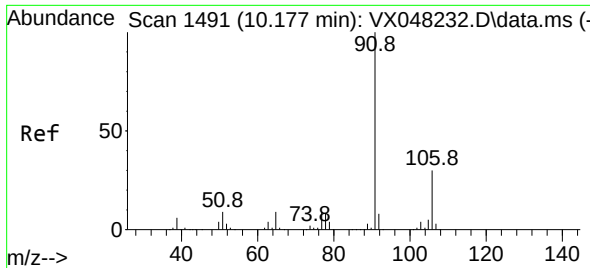
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 39.651 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

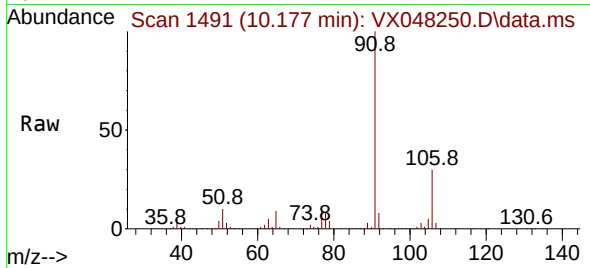
Tgt Ion:131 Resp: 72921
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.8
119 63.1 32.5 97.5





#67
Ethyl Benzene
Concen: 39.962 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

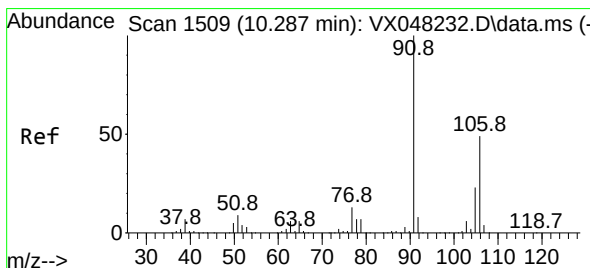
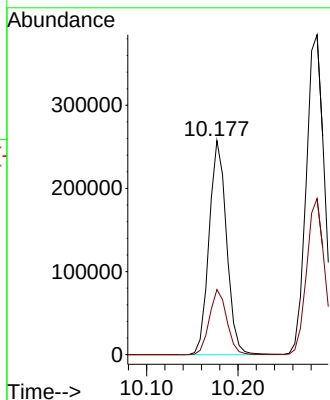
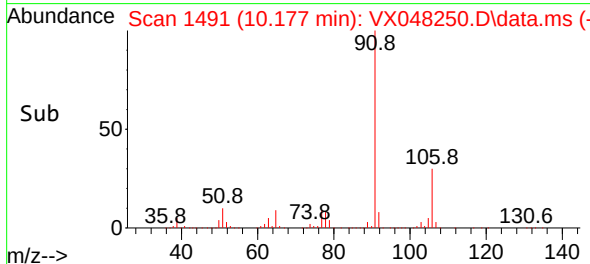
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



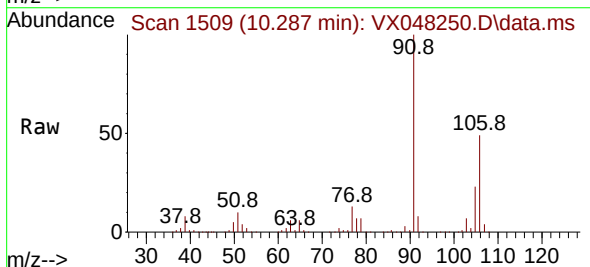
Tgt Ion: 91 Resp: 340670
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

Manual Integrations
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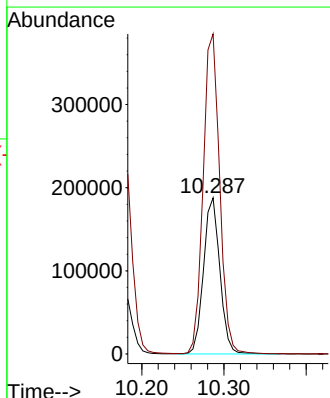
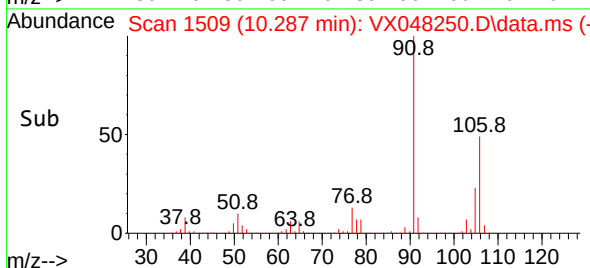
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

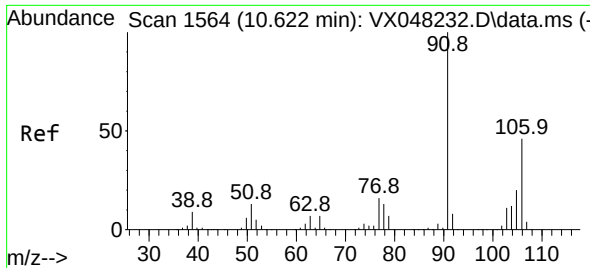


#68
m/p-Xylenes
Concen: 81.737 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25



Tgt Ion:106 Resp: 258895
Ion Ratio Lower Upper
106 100
91 207.8 167.9 251.9





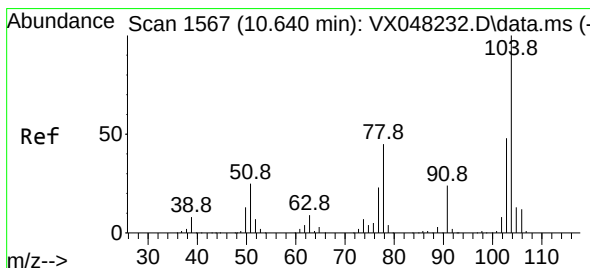
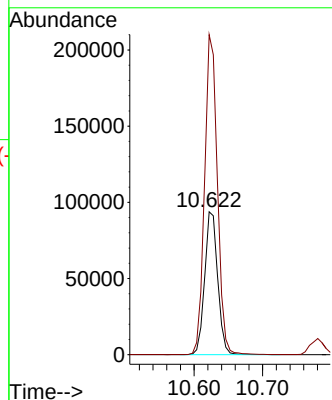
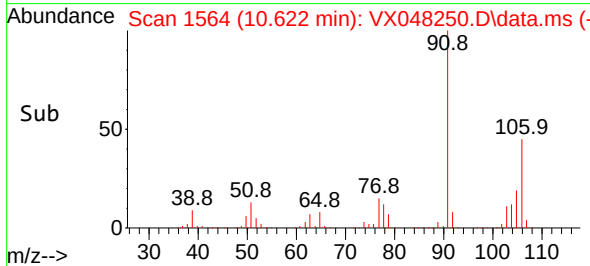
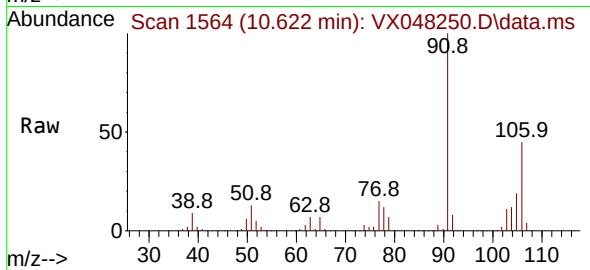
#69
o-Xylene
Concen: 40.619 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 124210
Ion Ratio Lower Upper
106 100
91 220.3 111.3 333.9

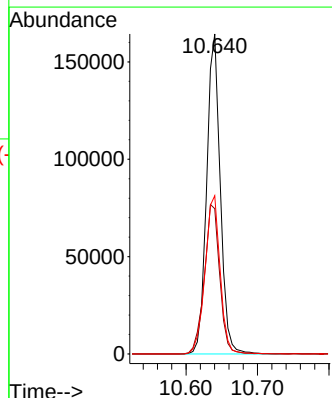
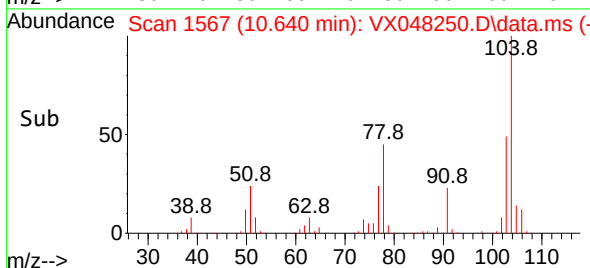
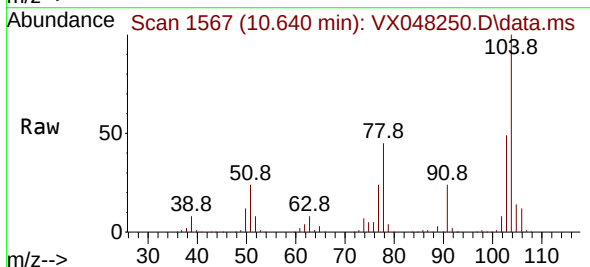
Manual Integrations
APPROVED

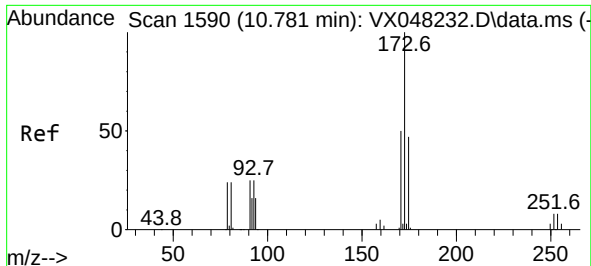
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#70
Styrene
Concen: 41.732 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

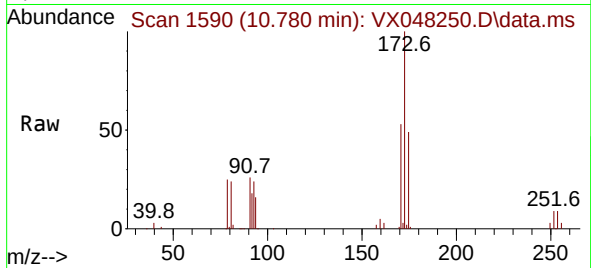
Tgt Ion:104 Resp: 217296
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 54.7 43.0 64.4





#71
Bromoform
Concen: 39.184 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

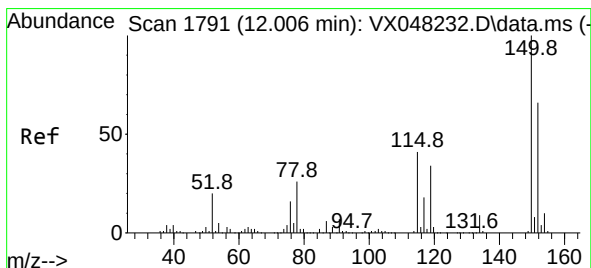
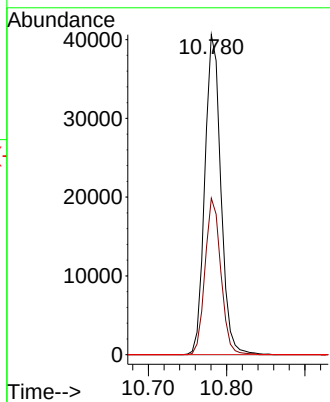
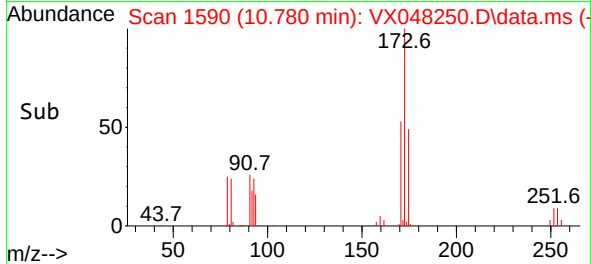
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 5759
Ion Ratio Lower Upper
173 100
175 48.1 24.0 72.0
254 0.0 0.0 0.0

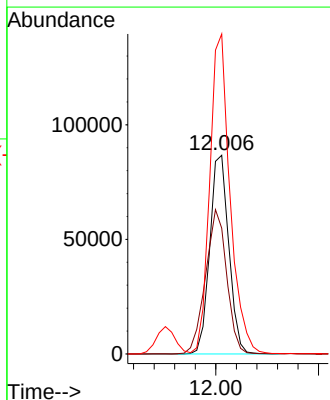
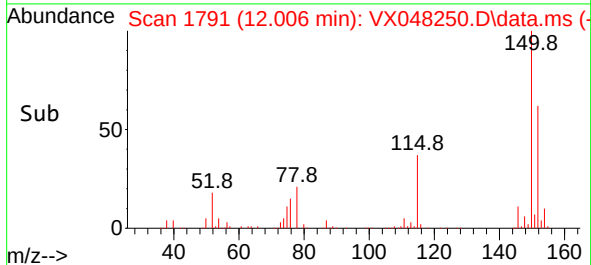
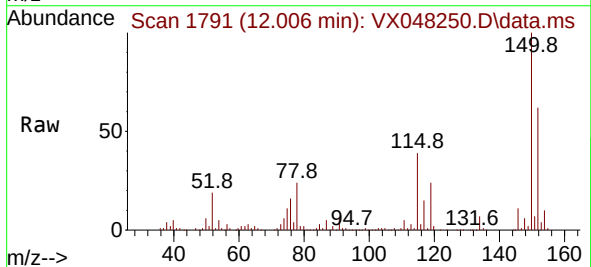
Manual Integrations
APPROVED

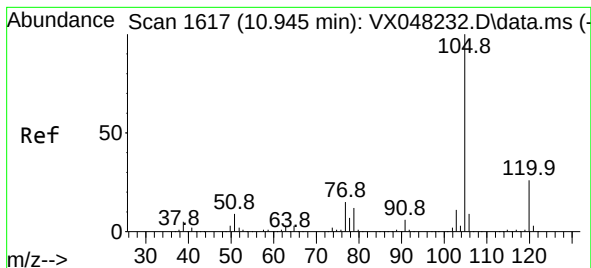
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion:152 Resp: 111726
Ion Ratio Lower Upper
152 100
115 80.8 43.1 129.4
150 171.0 0.0 353.0





#73

Isopropylbenzene

Concen: 39.266 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 320429

Ion Ratio Lower Upper

105 100

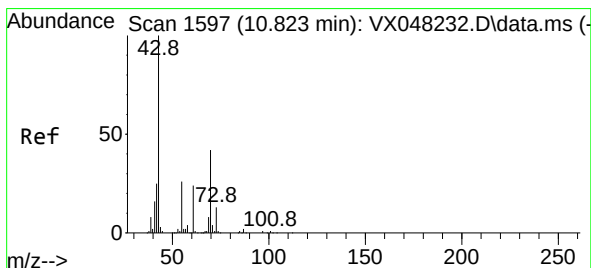
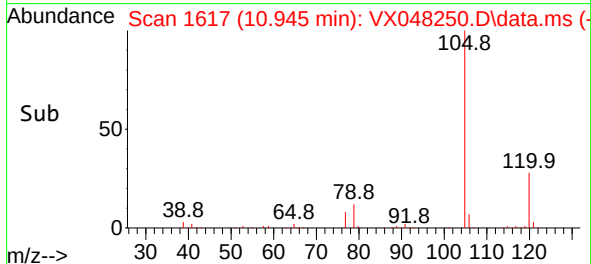
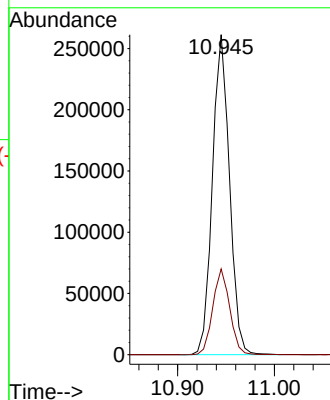
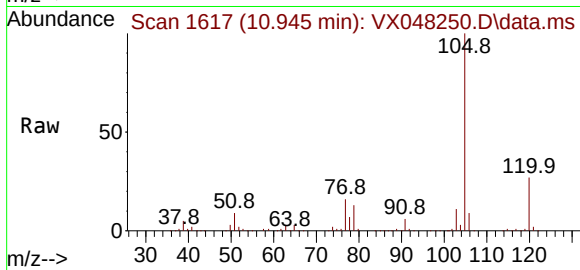
120 26.5 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#74

N-ethyl acetate

Concen: 41.983 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Tgt Ion: 43 Resp: 121526

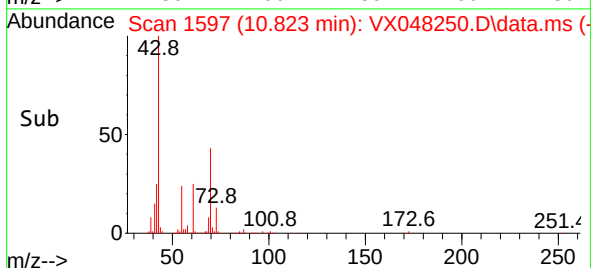
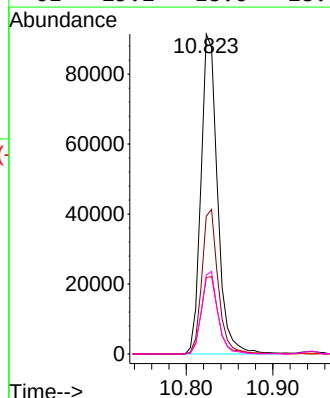
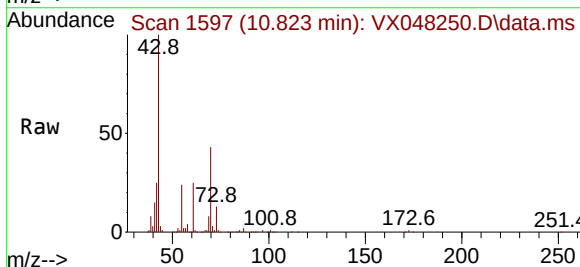
Ion Ratio Lower Upper

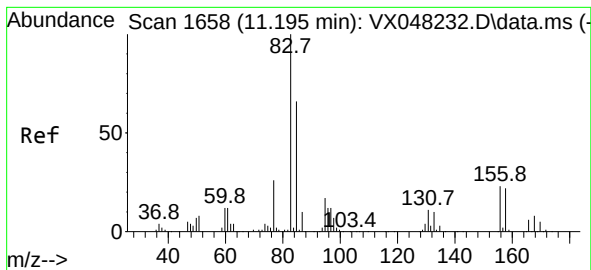
43 100

70 44.5 32.2 48.2

55 25.2 19.1 28.7

61 25.2 18.6 28.0





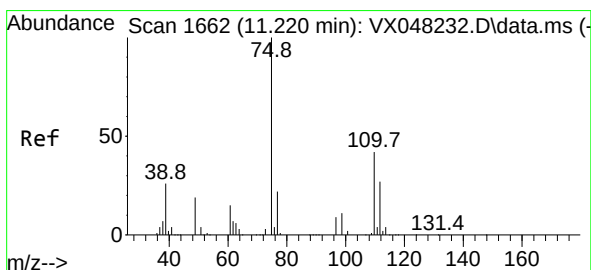
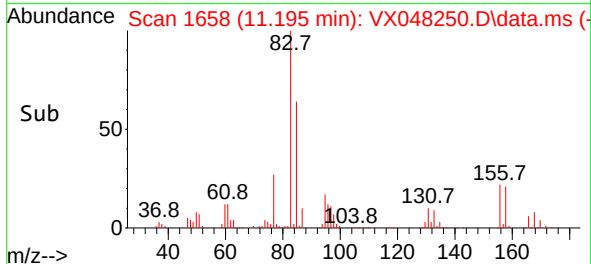
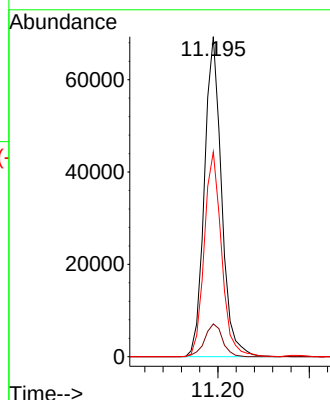
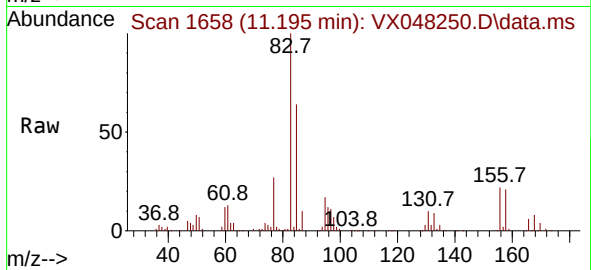
#75
1,1,2,2-Tetrachloroethane
Concen: 40.326 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8986
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.4
85 64.6 31.9 95.7

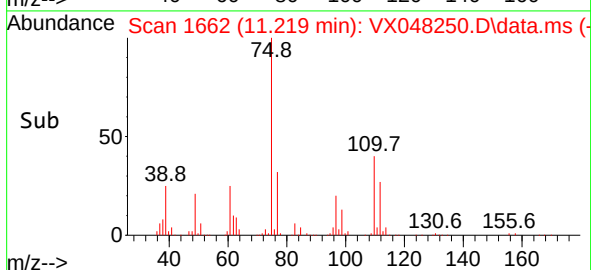
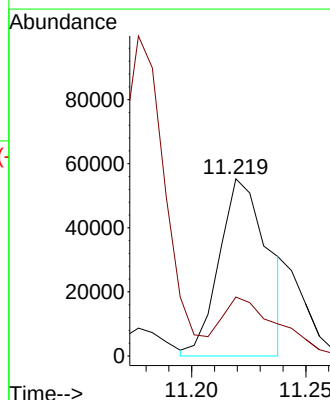
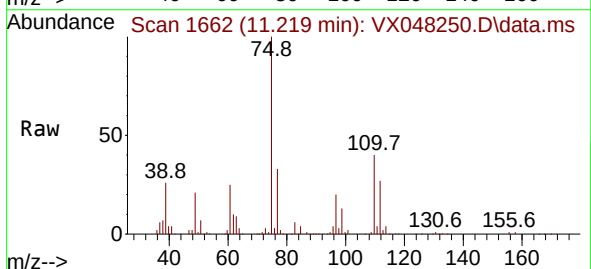
Manual Integrations
APPROVED

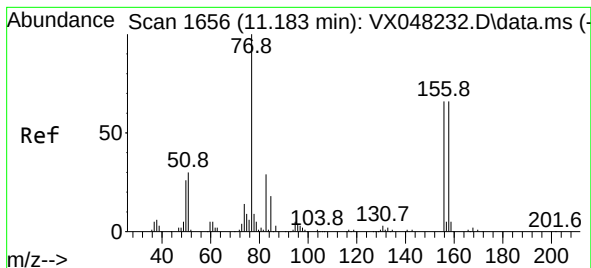
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#76
1,2,3-Trichloropropane
Concen: 44.991 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion: 75 Resp: 81515
Ion Ratio Lower Upper
75 100
77 37.8 22.4 67.2





#77

Bromobenzene

Concen: 40.142 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

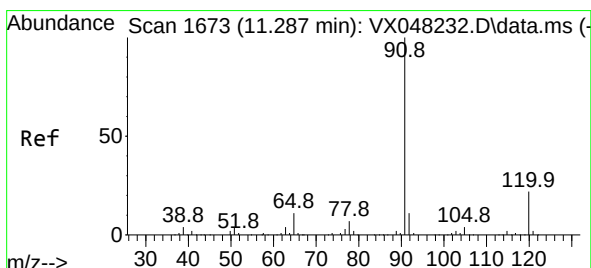
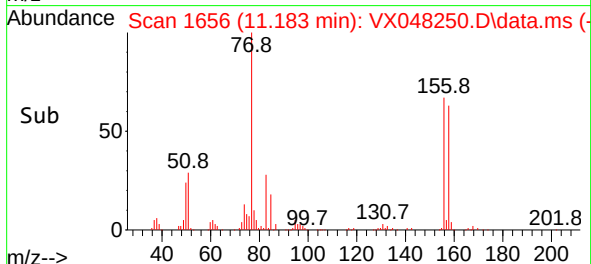
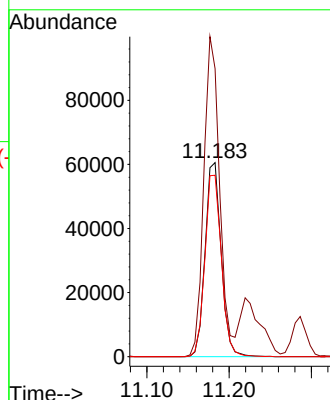
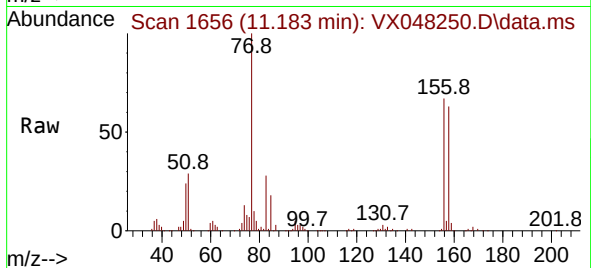
Tgt Ion:	156	Resp:	8213
Ion Ratio	Lower	Upper	
156	100		
77	162.9	87.0	261.0
158	96.3	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#78

n-propylbenzene

Concen: 39.766 ug/l

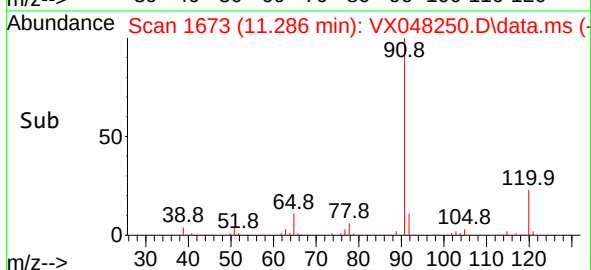
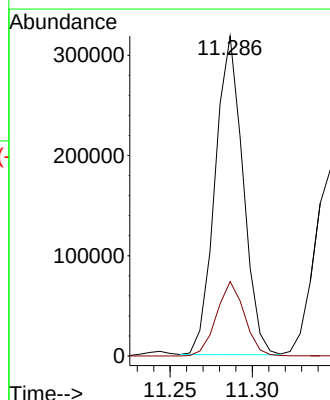
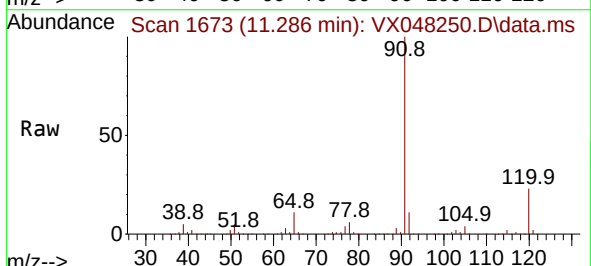
RT: 11.286 min Scan# 1673

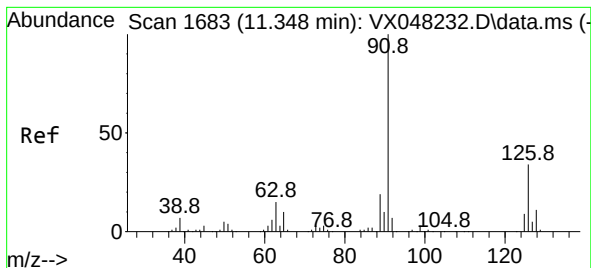
Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Tgt Ion:	91	Resp:	375729
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.1	33.1





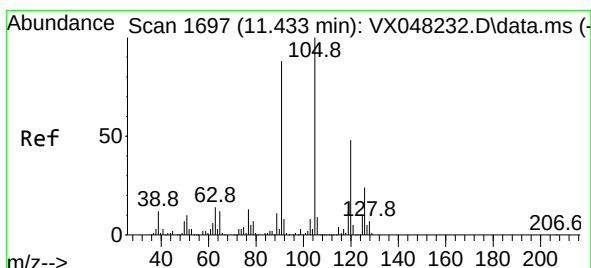
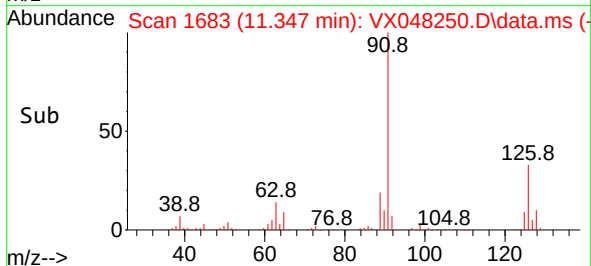
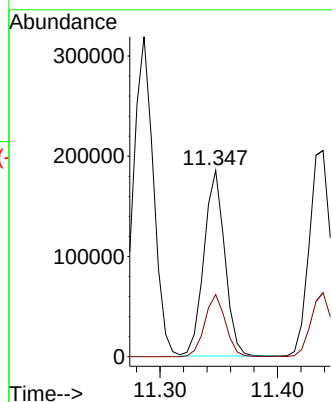
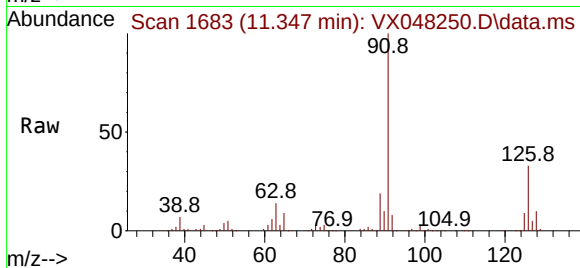
#79
2-Chlorotoluene
Concen: 39.772 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 22783
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.4

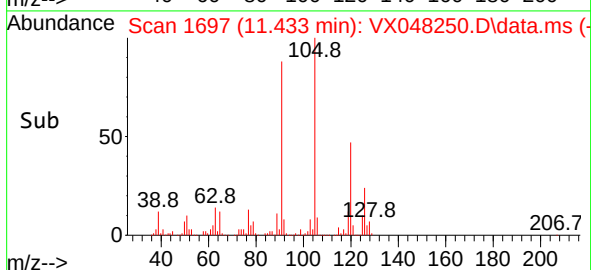
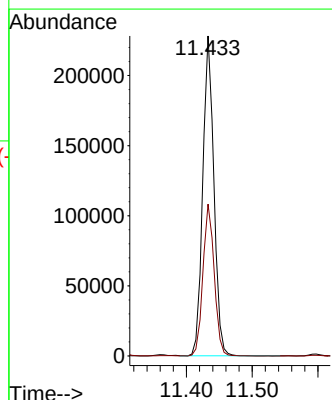
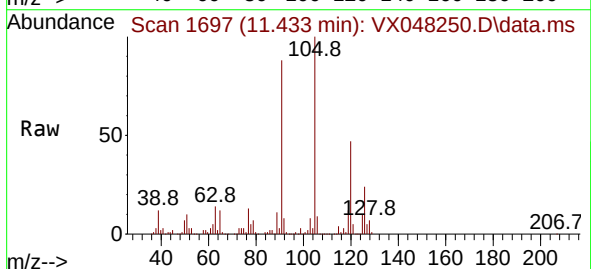
Manual Integrations
APPROVED

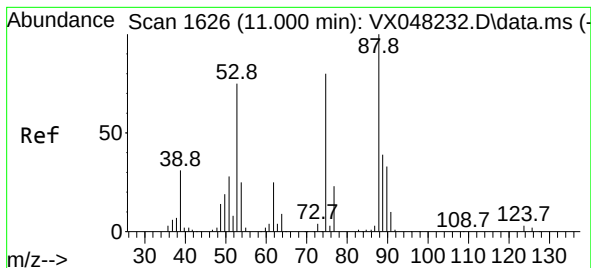
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 39.638 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

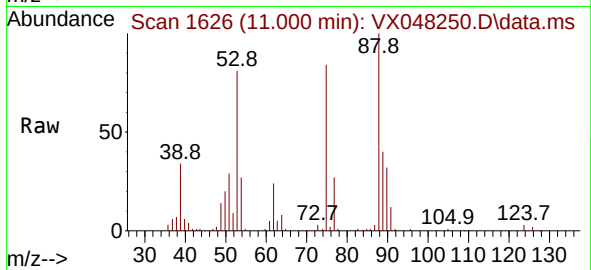
Tgt Ion:105 Resp: 267685
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 38.739 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

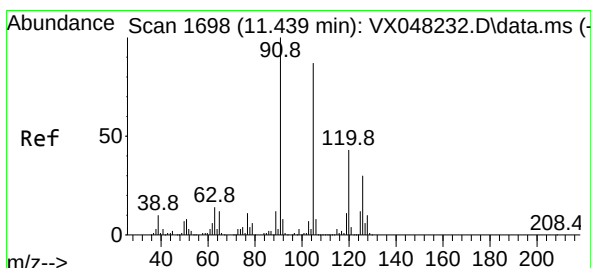
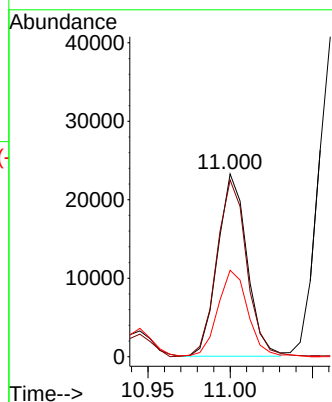
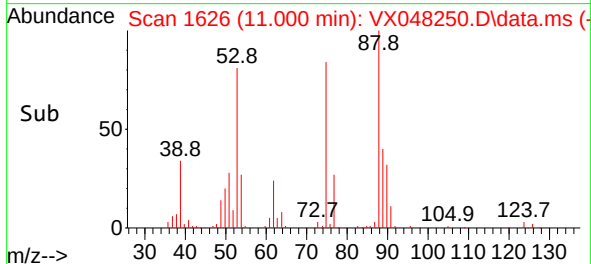
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



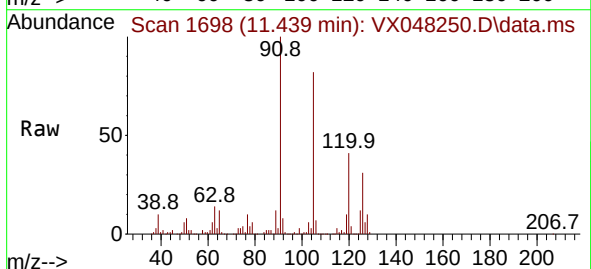
Tgt Ion: 75 Resp: 28849
Ion Ratio Lower Upper
75 100
53 99.8 79.5 119.3
89 48.9 36.8 55.2

Manual Integrations
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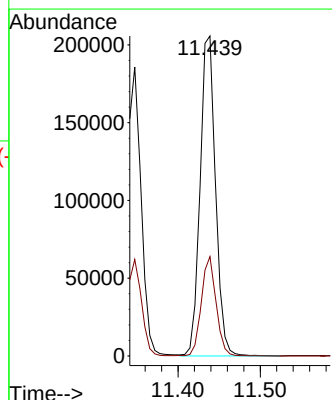
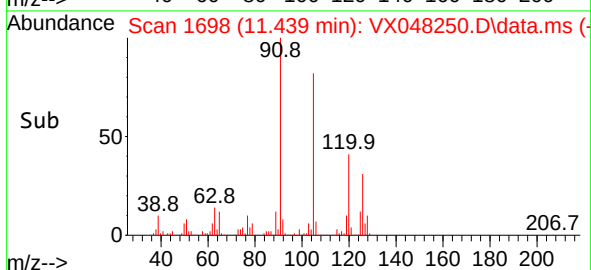
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

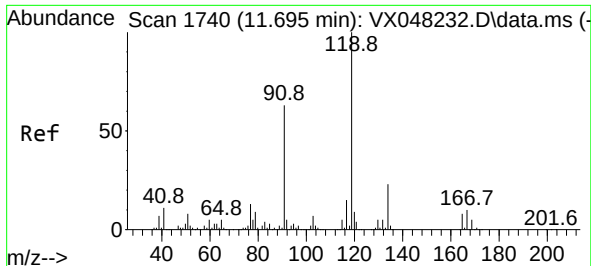


#82
4-Chlorotoluene
Concen: 39.656 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25



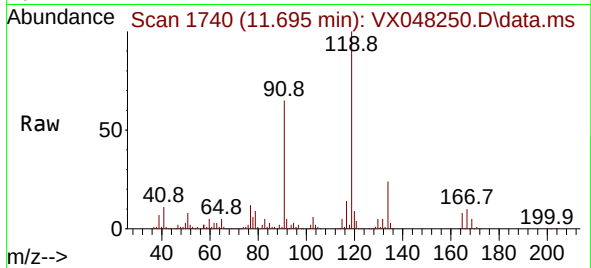
Tgt Ion: 91 Resp: 269666
Ion Ratio Lower Upper
91 100
126 29.7 14.1 42.4





#83
tert-Butylbenzene
Concen: 39.532 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

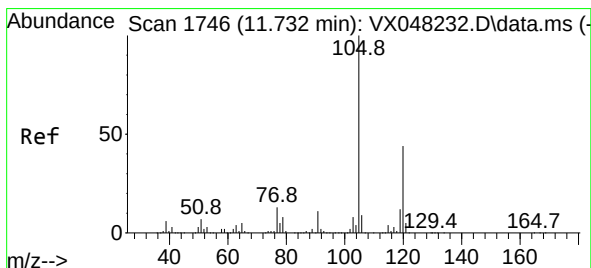
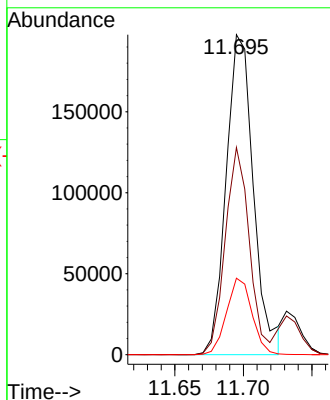
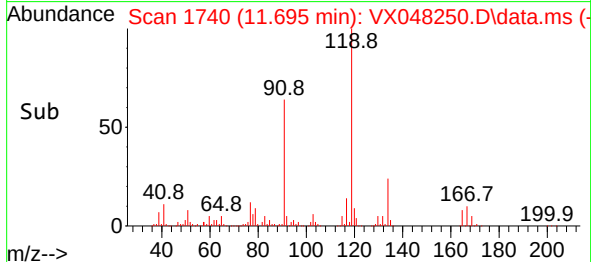
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



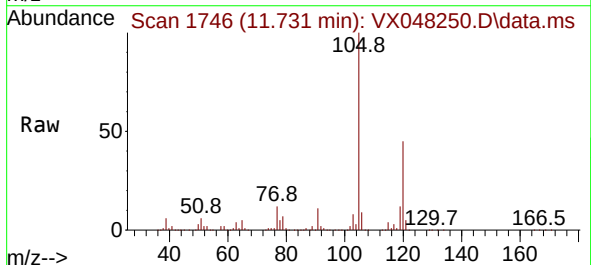
Tgt Ion:119 Resp: 274302
Ion Ratio Lower Upper
119 100
91 57.3 30.3 91.0
134 22.3 11.4 34.2

Manual Integrations
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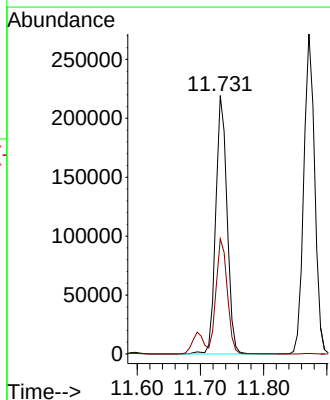
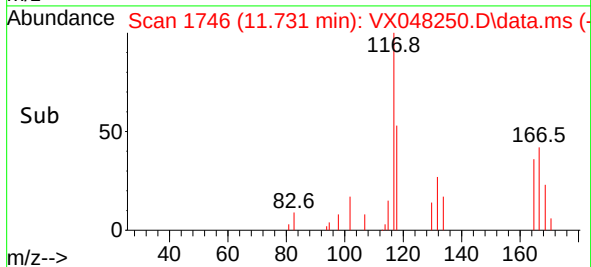
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

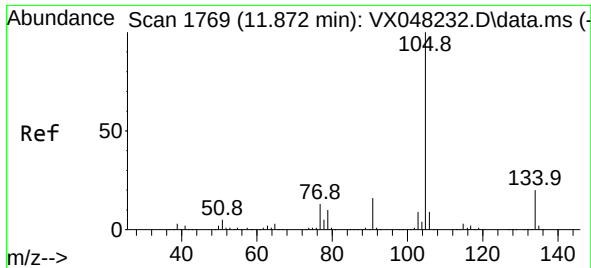


#84
1,2,4-Trimethylbenzene
Concen: 40.199 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25



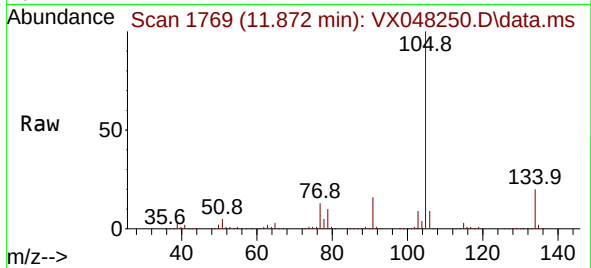
Tgt Ion:105 Resp: 270928
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 38.565 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048250.D
 Acq: 20 Oct 2025 19:25

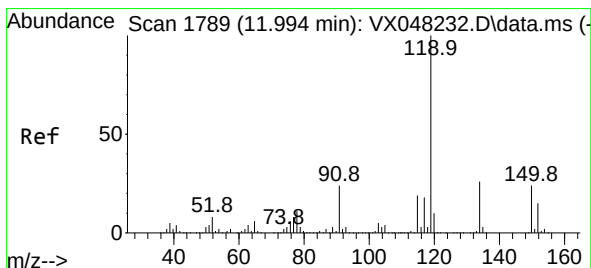
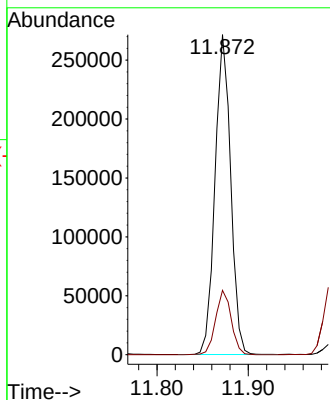
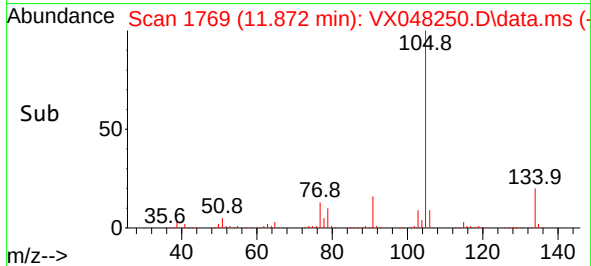
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



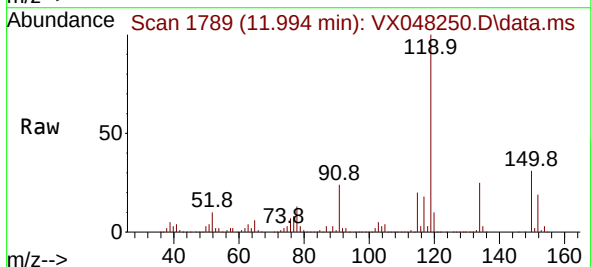
Tgt Ion:105 Resp: 32193
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

Manual Integrations
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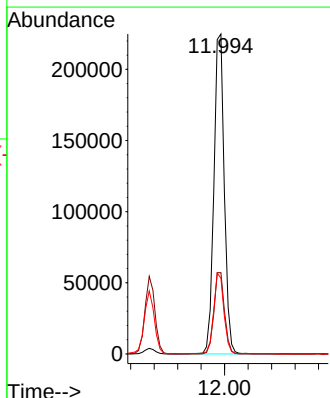
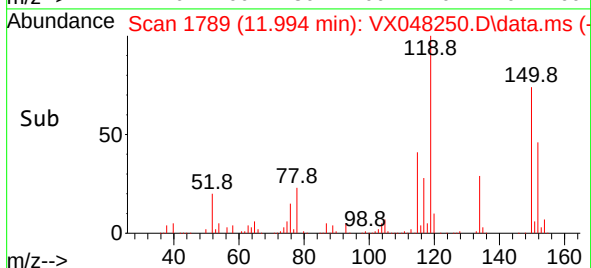
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

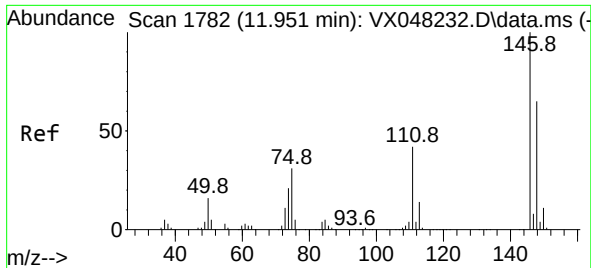


#86
 p-Isopropyltoluene
 Concen: 38.201 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048250.D
 Acq: 20 Oct 2025 19:25



Tgt Ion:119 Resp: 275642
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 38.747 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 149462

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.2

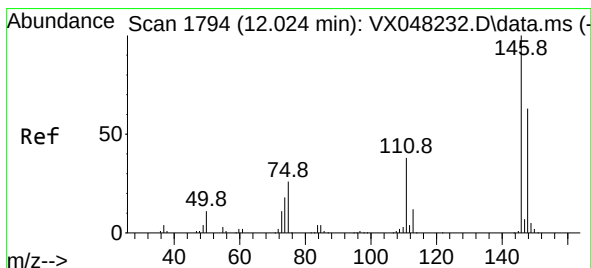
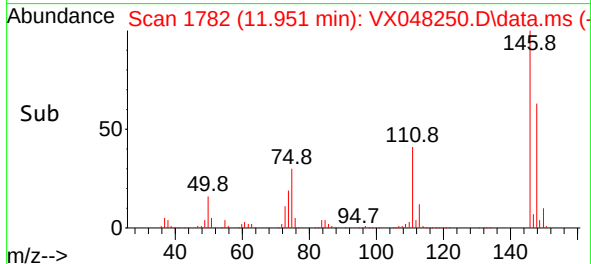
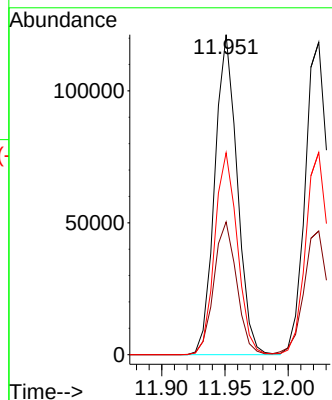
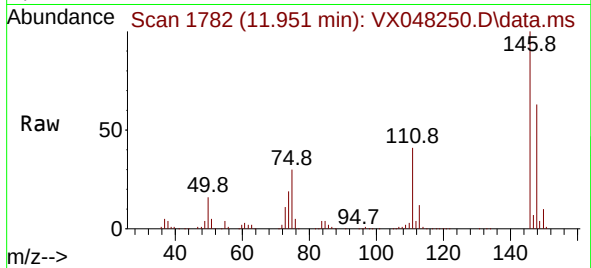
148 63.6 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#88

1,4-Dichlorobenzene

Concen: 37.584 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

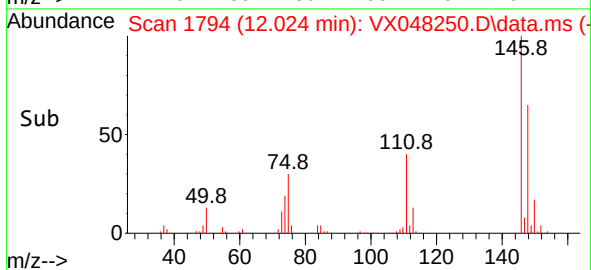
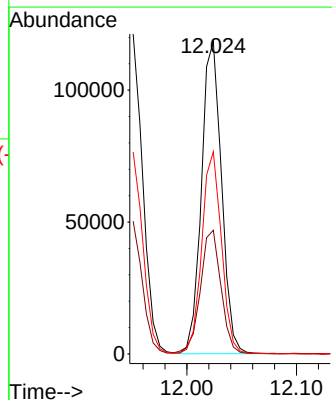
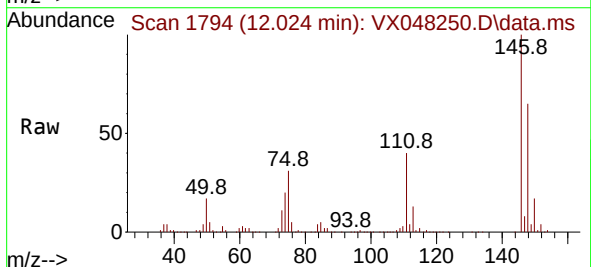
Tgt Ion:146 Resp: 150187

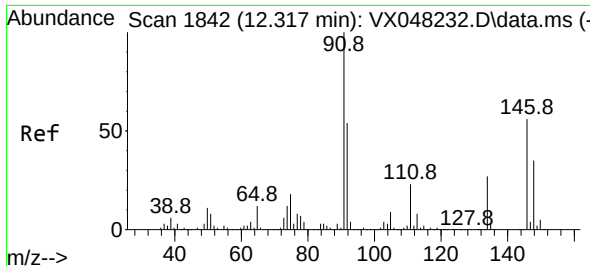
Ion Ratio Lower Upper

146 100

111 40.9 20.1 60.2

148 63.3 31.8 95.3





#89

n-Butylbenzene

Concen: 37.088 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 243570

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.6

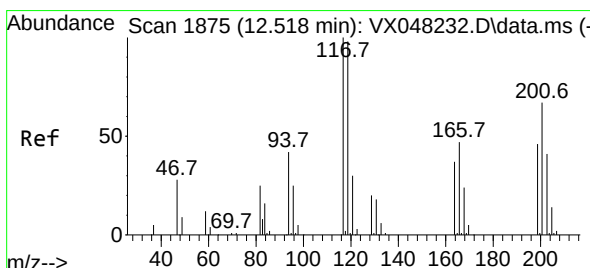
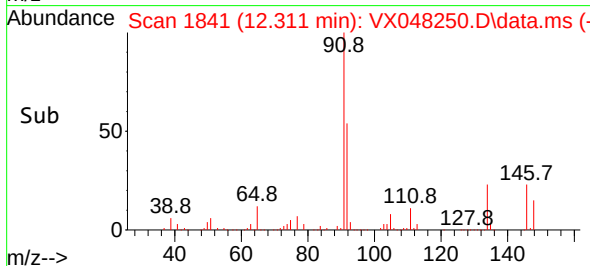
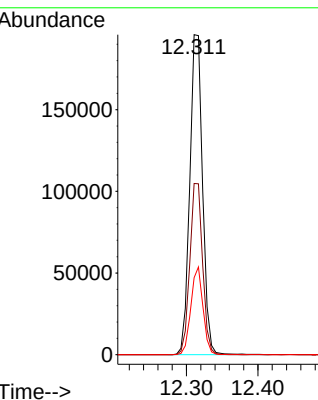
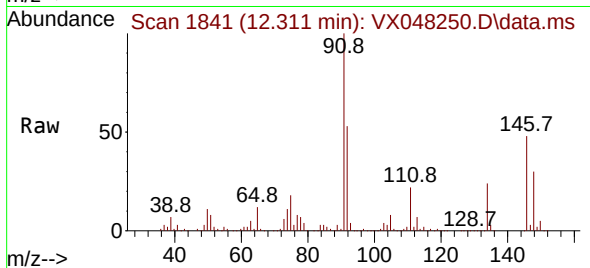
134 25.8 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#90

Hexachloroethane

Concen: 36.415 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048250.D

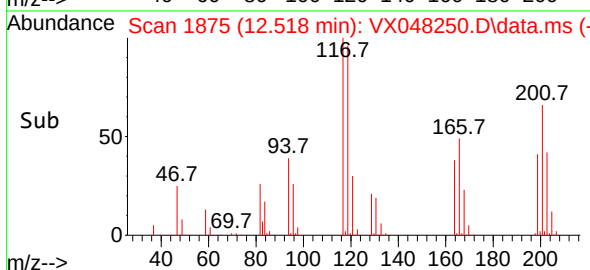
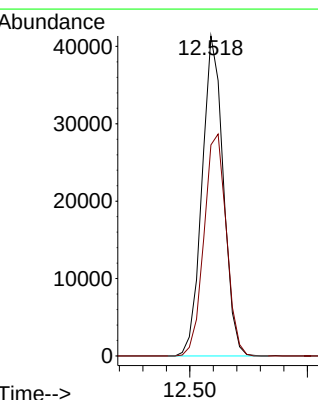
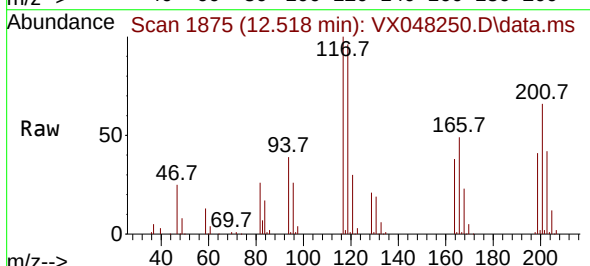
Acq: 20 Oct 2025 19:25

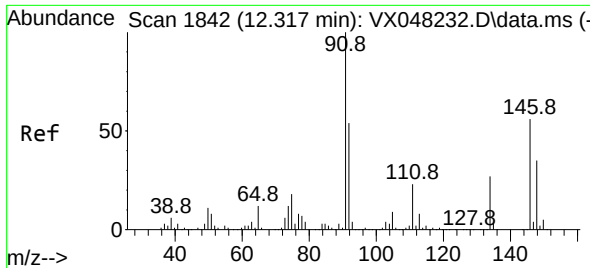
Tgt Ion:117 Resp: 51888

Ion Ratio Lower Upper

117 100

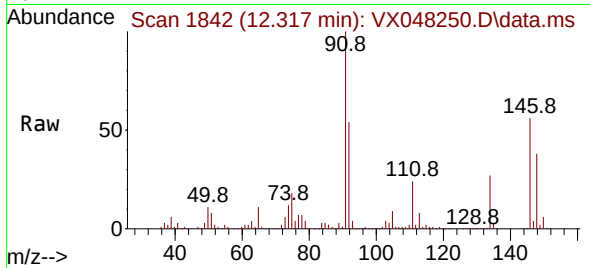
201 72.9 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 38.670 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

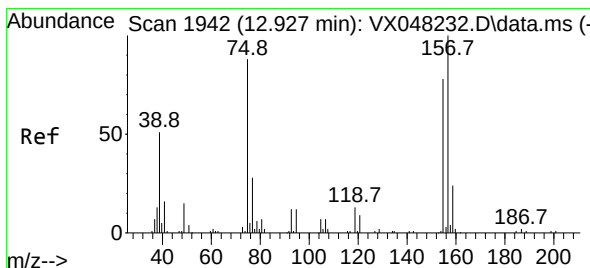
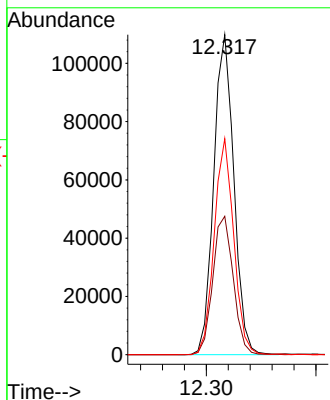
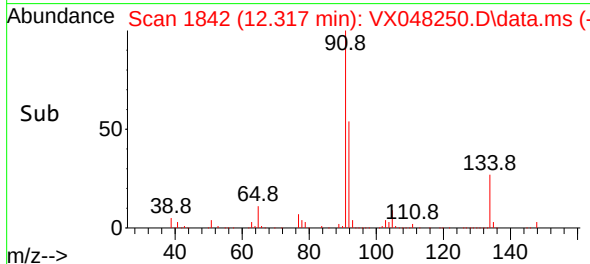
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 14004
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 65.7 31.9 95.5

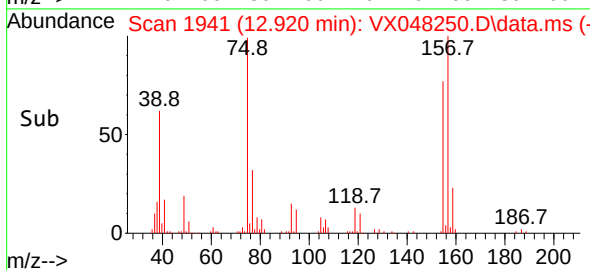
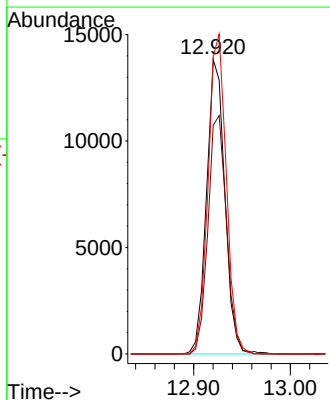
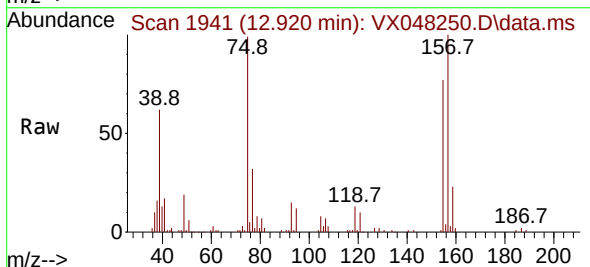
Manual Integrations
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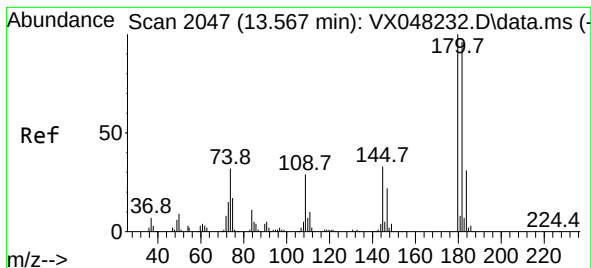
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.157 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion: 75 Resp: 18165
Ion Ratio Lower Upper
75 100
155 82.2 42.8 128.4
157 107.8 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 36.492 ug/l

RT: 13.566 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

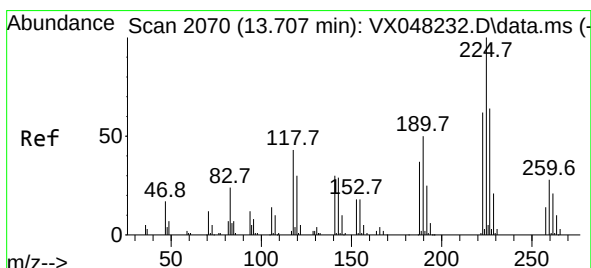
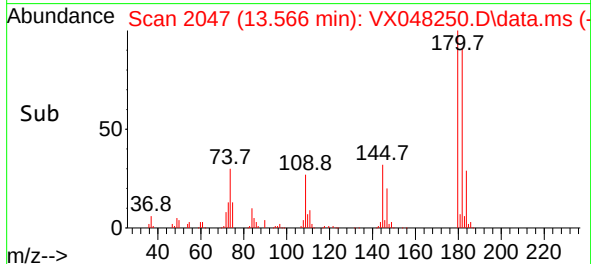
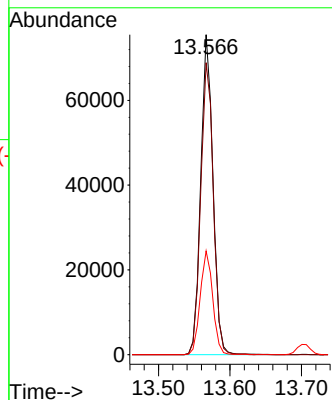
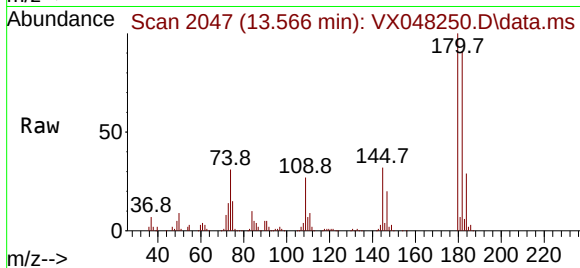
Tgt Ion:	180	Resp:	89370
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.3	142.0
145	33.2	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 35.315 ug/l

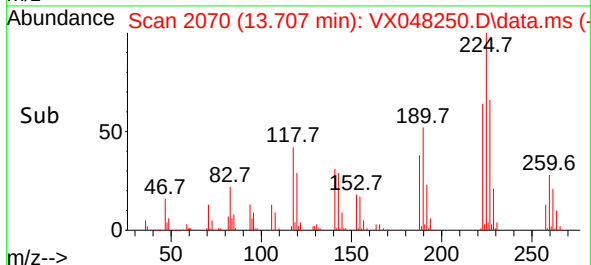
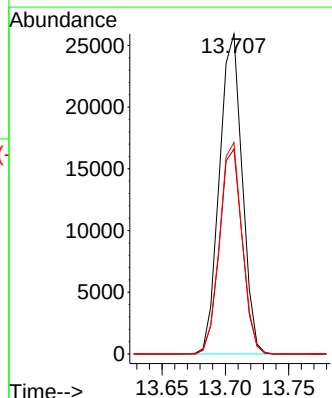
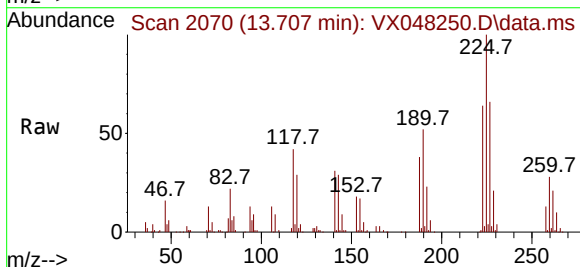
RT: 13.707 min Scan# 2070

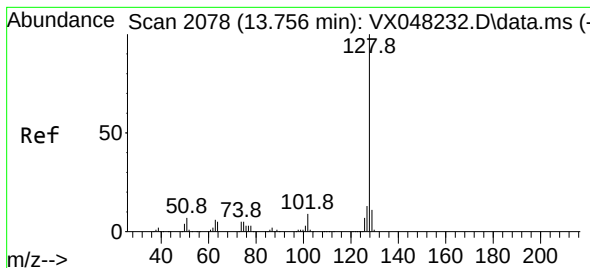
Delta R.T. 0.006 min

Lab File: VX048250.D

Acq: 20 Oct 2025 19:25

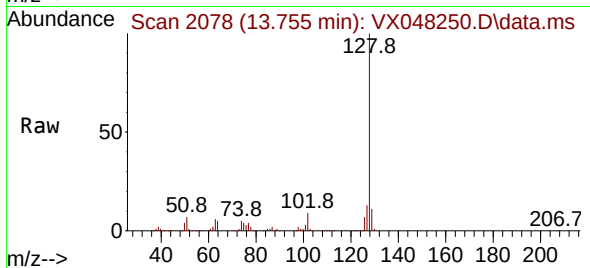
Tgt Ion:	225	Resp:	32393
Ion Ratio	Lower	Upper	
225	100		
223	63.9	32.6	97.7
227	65.4	32.5	97.4





#95
Naphthalene
Concen: 40.307 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

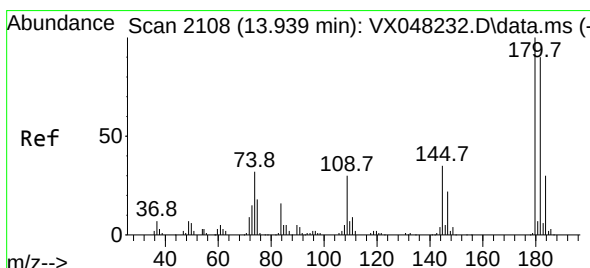
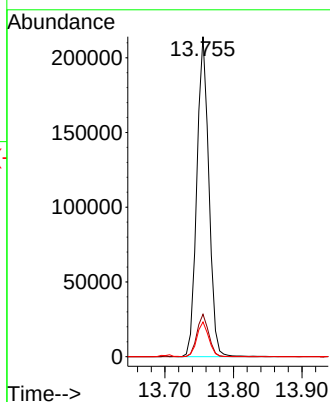
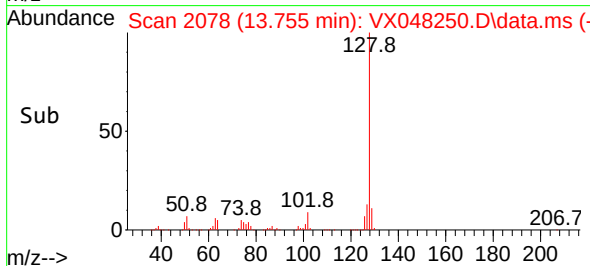
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 26154
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
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#96
1,2,3-Trichlorobenzene
Concen: 37.421 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048250.D
Acq: 20 Oct 2025 19:25

Tgt Ion:180 Resp: 84101
Ion Ratio Lower Upper
180 100
182 94.3 46.6 139.7
145 35.7 16.9 50.7

