

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
 Data File : VX048684.D
 Acq On : 25 Nov 2025 14:43
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 26 01:02:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	144310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	235898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102886	51.166	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.340%	
35) Dibromofluoromethane	5.379	113	86781	48.605	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.220%	
50) Toluene-d8	8.635	98	292517	52.531	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	11.061	95	111929	53.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.880%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.173	85	59625	50.990	ug/l	100
3) Chloromethane	1.301	50	63727	41.089	ug/l	97
4) Vinyl Chloride	1.380	62	76135	43.356	ug/l	97
5) Bromomethane	1.612	94	46582	42.010	ug/l	96
6) Chloroethane	1.697	64	49456	43.005	ug/l	97
7) Trichlorofluoromethane	1.892	101	131103	47.192	ug/l	99
8) Diethyl Ether	2.136	74	50651	45.421	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.337	101	79993	49.737	ug/l	96
10) Methyl Iodide	2.453	142	98613	41.431	ug/l	96
11) Tert butyl alcohol	2.941	59	100341	263.340	ug/l	99
12) 1,1-Dichloroethene	2.325	96	75675	45.047	ug/l	95
13) Acrolein	2.239	56	10339	187.538	ug/l	89
14) Allyl chloride	2.666	41	152170	48.651	ug/l	94
15) Acrylonitrile	3.056	53	293321	263.702	ug/l	99
16) Acetone	2.374	43	232761	244.538	ug/l	97
17) Carbon Disulfide	2.514	76	171892	36.362	ug/l	100
18) Methyl Acetate	2.697	43	139209	53.219	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	310869	52.403	ug/l	99
20) Methylene Chloride	2.788	84	91620	46.819	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	80823	45.393	ug/l	95
22) Diisopropyl ether	3.751	45	278117	46.307	ug/l	98
23) Vinyl Acetate	3.715	43	1204942	229.075	ug/l	97
24) 1,1-Dichloroethane	3.605	63	147672	44.811	ug/l	99
25) 2-Butanone	4.538	43	391405	277.969	ug/l	98
26) 2,2-Dichloropropane	4.465	77	153497	54.636	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	113131	51.982	ug/l	97
28) Bromochloromethane	4.891	49	75483	46.626	ug/l	100
29) Tetrahydrofuran	4.983	42	266232	265.099	ug/l	100
30) Chloroform	5.080	83	188577	55.429	ug/l	100
31) Cyclohexane	5.458	56	128458	47.574	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	164143	55.284	ug/l	100
36) 1,1-Dichloropropene	5.678	75	117604	49.191	ug/l	99
37) Ethyl Acetate	4.696	43	175670	52.200	ug/l	99
38) Carbon Tetrachloride	5.666	117	140145	51.495	ug/l	94
39) Methylcyclohexane	7.367	83	137634	51.272	ug/l	99
40) Benzene	6.025	78	368960	49.786	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	79662	53.826	ug/l	98
42) 1,2-Dichloroethane	6.074	62	137379	54.104	ug/l	98
43) Isopropyl Acetate	6.324	43	250577	52.969	ug/l	99
44) Trichloroethene	7.117	130	97464	55.021	ug/l	98
45) 1,2-Dichloropropane	7.415	63	96915	56.876	ug/l	99
46) Dibromomethane	7.568	93	72721	58.513	ug/l	98
47) Bromodichloromethane	7.806	83	153072	61.738	ug/l	100
48) Methyl methacrylate	7.678	41	124450	59.179	ug/l	97
49) 1,4-Dioxane	7.647	88	36378	1135.270	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	837788	311.119	ug/l	100
52) Toluene	8.702	92	239331	61.340	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	155309	60.792	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	164348	62.127	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	101835	65.327	ug/l	98
56) Ethyl methacrylate	9.104	69	164178	63.303	ug/l	98
57) 1,3-Dichloropropane	9.293	76	167084	61.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	439256	315.026	ug/l	99
59) 2-Hexanone	9.415	43	619706	309.377	ug/l	99
60) Dibromochloromethane	9.506	129	123241	64.392	ug/l	98
61) 1,2-Dibromoethane	9.592	107	104960	62.166	ug/l	99
64) Tetrachloroethene	9.263	164	80921	50.496	ug/l	97
65) Chlorobenzene	10.061	112	274090	52.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	99511	56.712	ug/l	99
67) Ethyl Benzene	10.177	91	461128	52.438	ug/l	98
68) m/p-Xylenes	10.287	106	357172	107.844	ug/l	98
69) o-Xylene	10.622	106	175399	54.129	ug/l	99
70) Styrene	10.640	104	297405	54.713	ug/l	99
71) Bromoform	10.781	173	88905	54.920	ug/l #	99
73) Isopropylbenzene	10.945	105	444135	52.510	ug/l	99
74) N-amyl acetate	10.823	43	211416	49.781	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	155271	52.056	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	171658	61.148	ug/l	76
77) Bromobenzene	11.183	156	114848	52.584	ug/l	100
78) n-propylbenzene	11.287	91	524794	52.767	ug/l	100
79) 2-Chlorotoluene	11.348	91	310116	51.603	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	364744	52.898	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	51523	52.497	ug/l #	86
82) 4-Chlorotoluene	11.433	91	367845	52.181	ug/l	100
83) tert-Butylbenzene	11.695	119	384819	53.958	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	373397	53.671	ug/l	99
85) sec-Butylbenzene	11.872	105	464683	52.718	ug/l	100
86) p-Isopropyltoluene	11.994	119	395944	53.430	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	212448	51.899	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	212920	50.357	ug/l	99
89) n-Butylbenzene	12.311	91	365646	52.597	ug/l	100
90) Hexachloroethane	12.518	117	72469	51.327	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	205571	52.313	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	35511	51.230	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	142133	54.430	ug/l	99
94) Hexachlorobutadiene	13.701	225	57115	52.322	ug/l	99
95) Naphthalene	13.756	128	476527	56.758	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	131487	54.134	ug/l	98

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

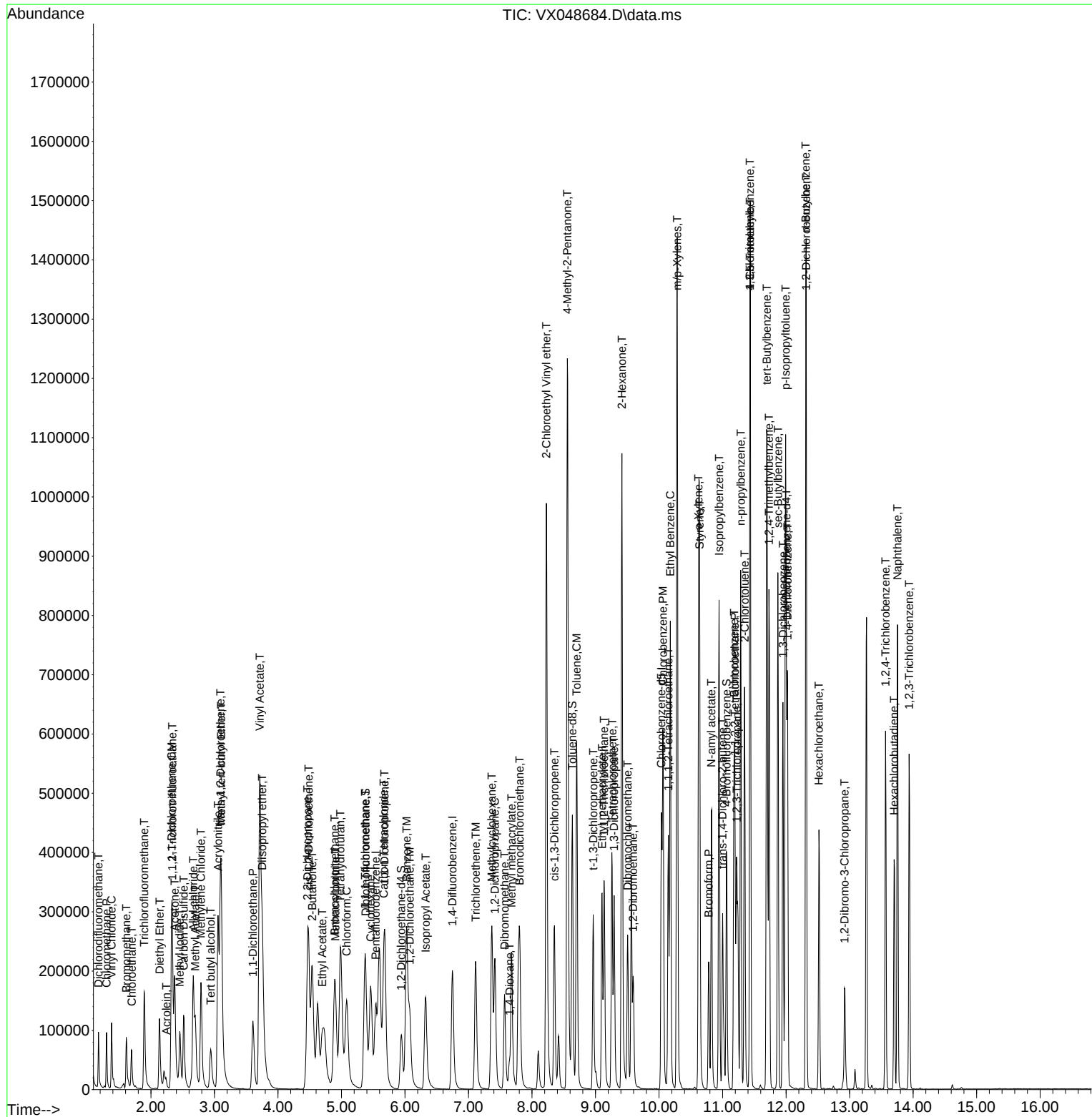
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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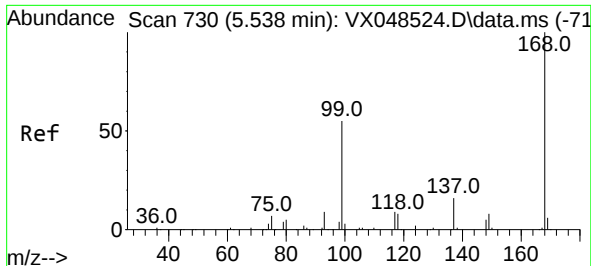
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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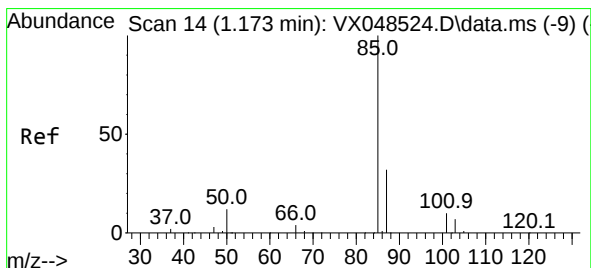
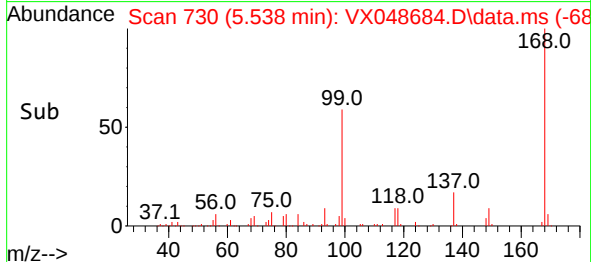
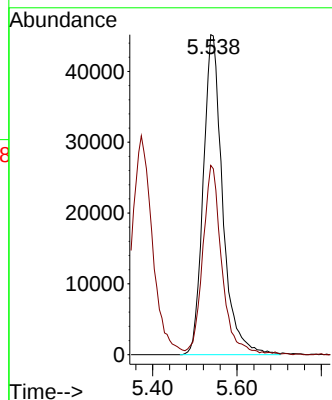
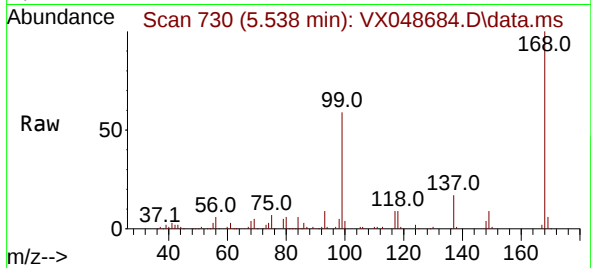




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
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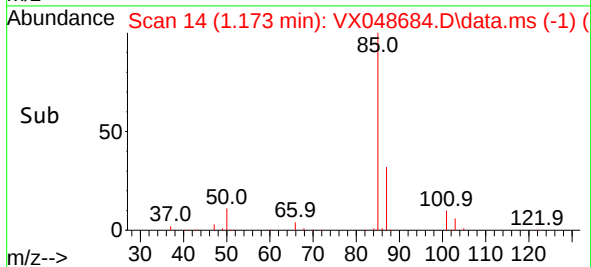
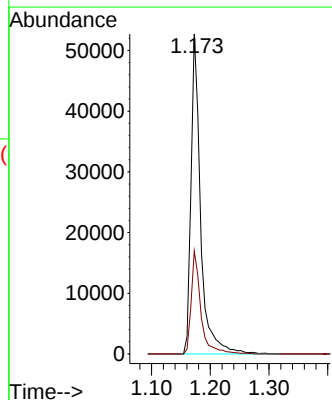
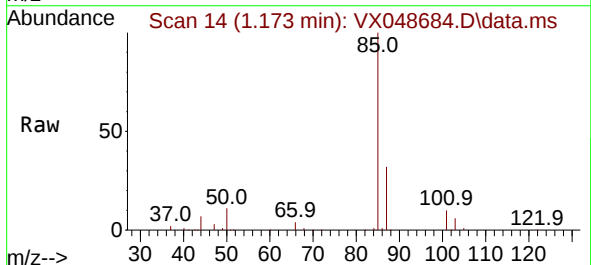
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

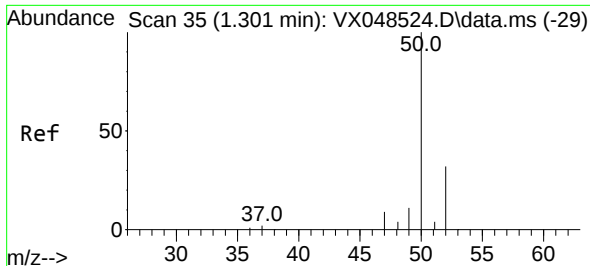
Tgt Ion:168 Resp: 144310
Ion Ratio Lower Upper
168 100
99 58.9 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 50.990 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 85 Resp: 59625
Ion Ratio Lower Upper
85 100
87 32.2 16.2 48.6

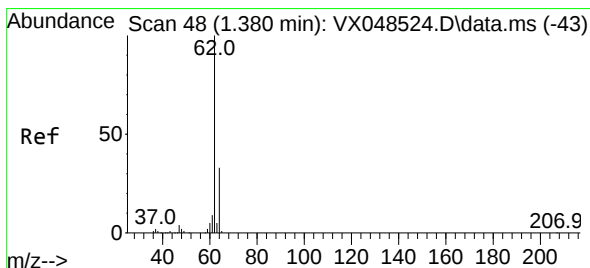
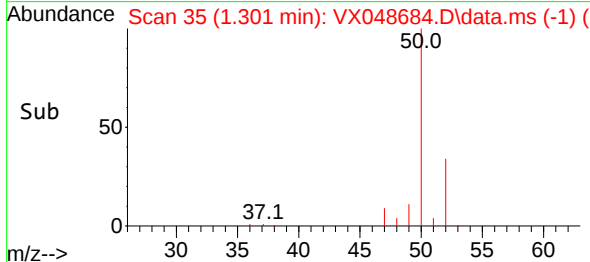
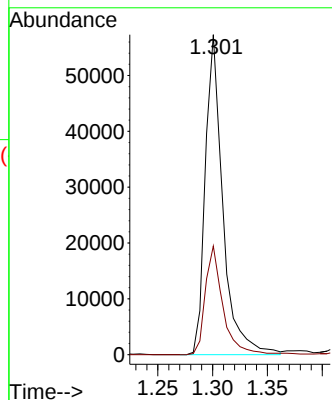
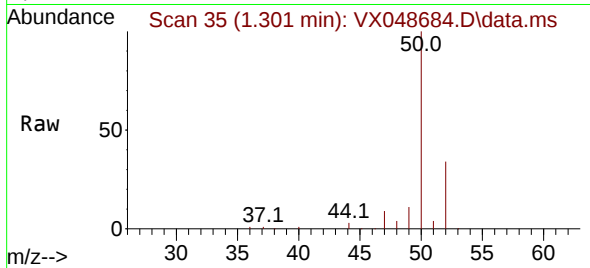




#3
Chloromethane
Concen: 41.089 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

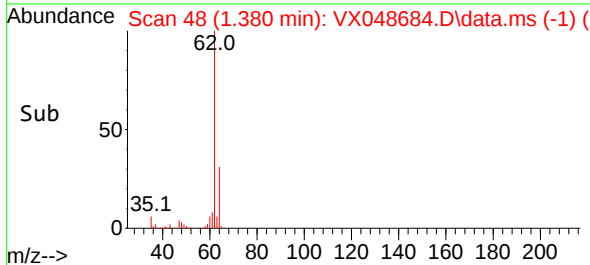
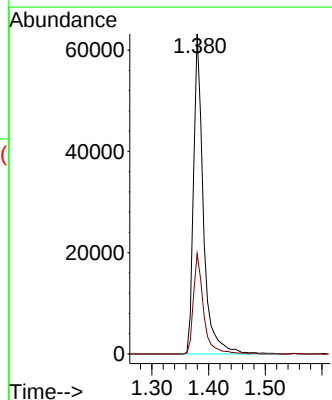
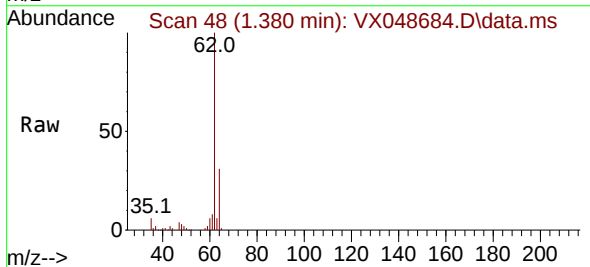
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 63727
Ion Ratio Lower Upper
50 100
52 34.0 26.0 39.0



#4
Vinyl Chloride
Concen: 43.356 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 62 Resp: 76135
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.4

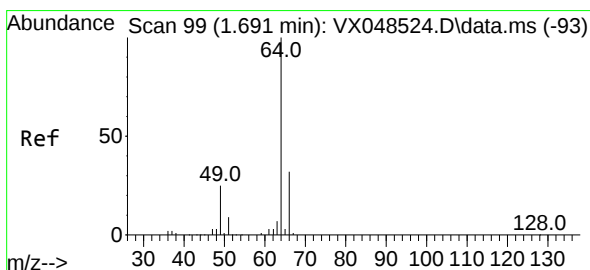
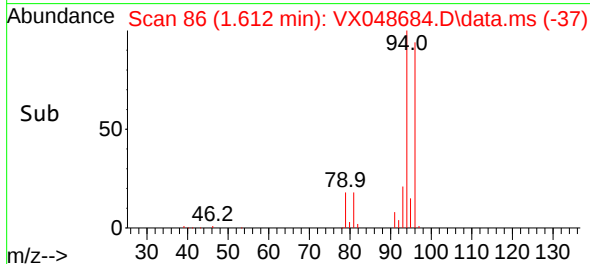
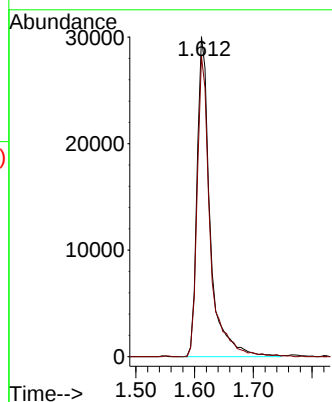
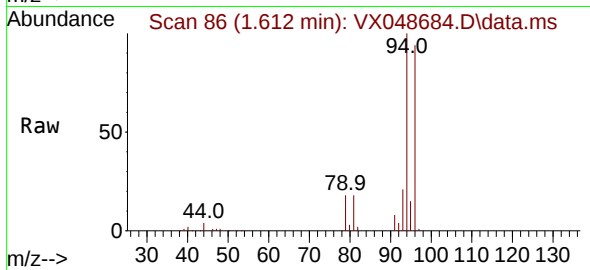




#5
Bromomethane
Concen: 42.010 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

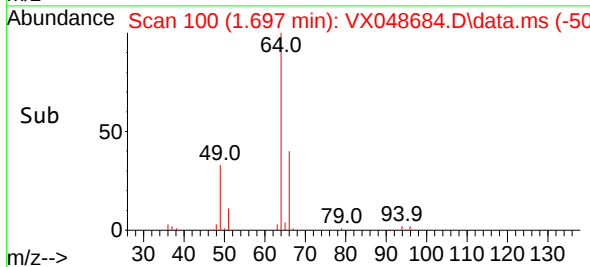
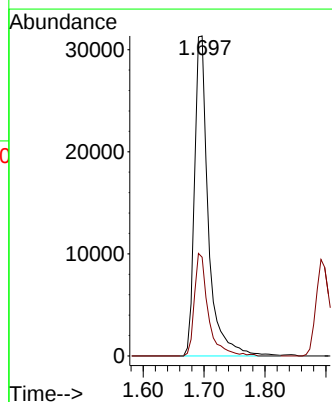
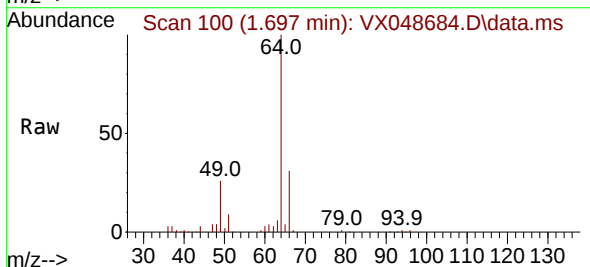
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

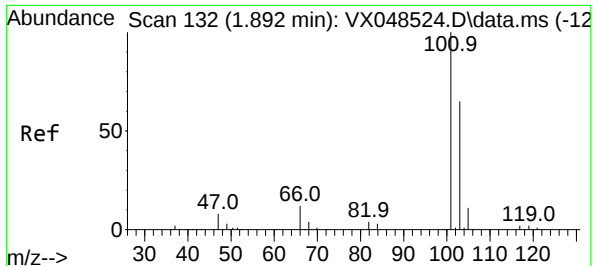
Tgt Ion: 94 Resp: 46582
Ion Ratio Lower Upper
94 100
96 93.8 72.3 108.5



#6
Chloroethane
Concen: 43.005 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 64 Resp: 49456
Ion Ratio Lower Upper
64 100
66 30.9 25.9 38.9

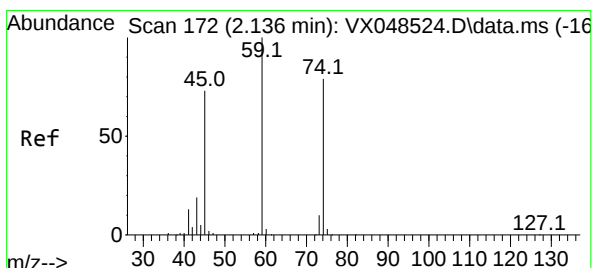
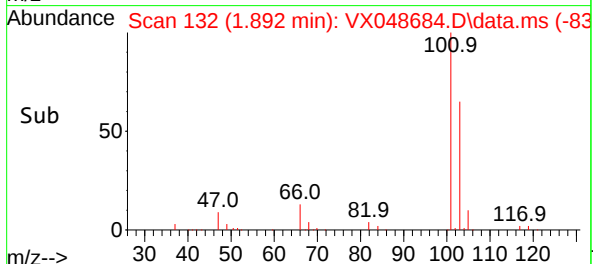
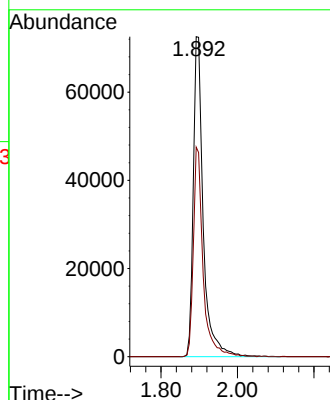
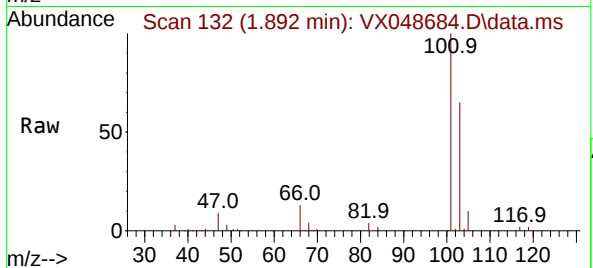




#7
 Trichlorofluoromethane
 Concen: 47.192 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048684.D
 Acq: 25 Nov 2025 14:43

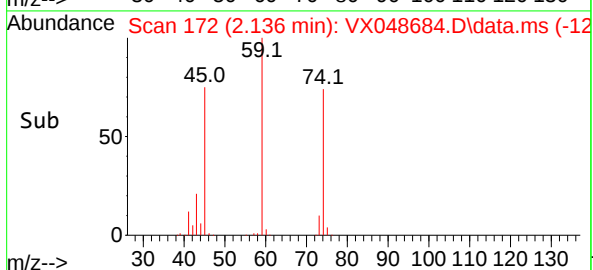
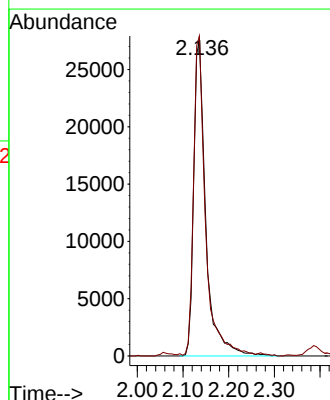
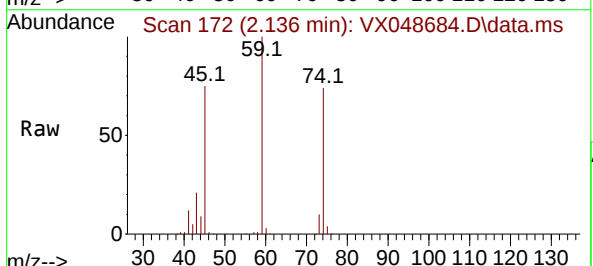
Instrument :
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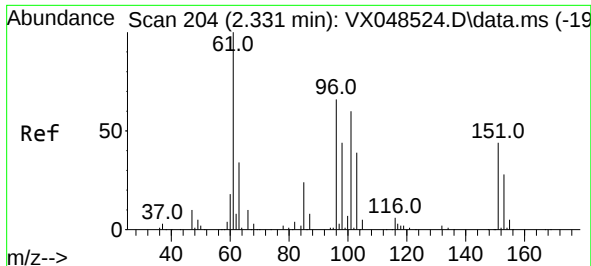
Tgt Ion:101 Resp: 131103
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.7 77.5



#8
 Diethyl Ether
 Concen: 45.421 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048684.D
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Tgt Ion: 74 Resp: 50651
 Ion Ratio Lower Upper
 74 100
 45 97.9 45.9 137.6

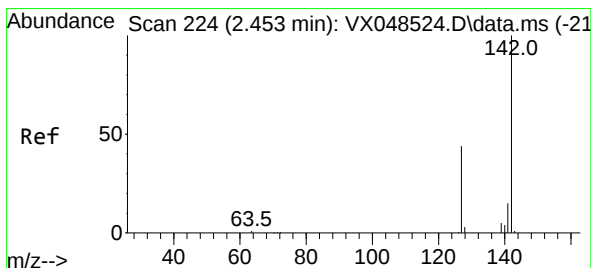
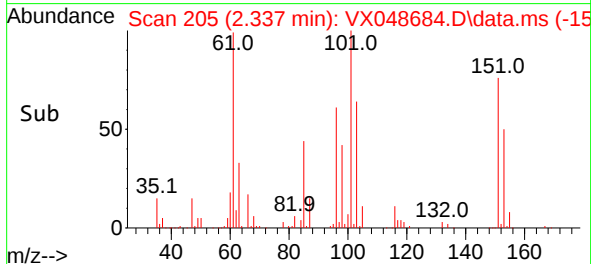
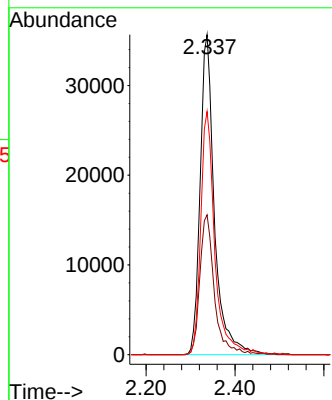
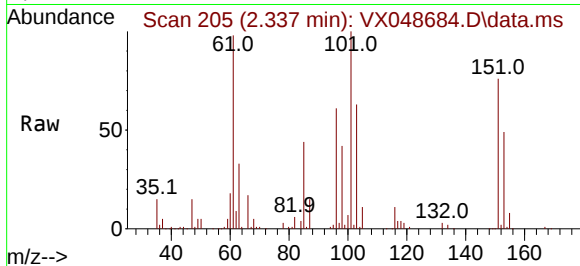




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.737 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

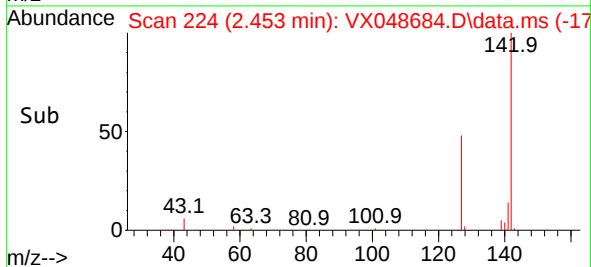
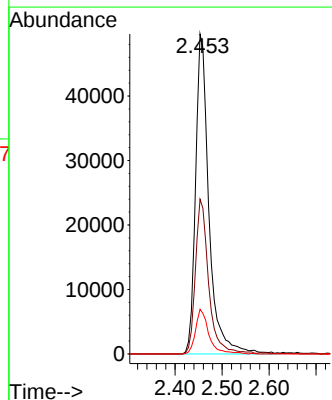
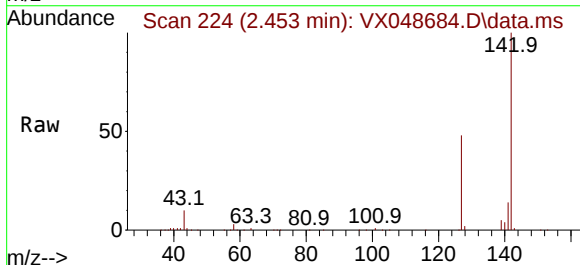
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 79993
Ion Ratio Lower Upper
101 100
85 44.4 34.3 51.5
151 74.8 63.1 94.7



#10
Methyl Iodide
Concen: 41.431 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion:142 Resp: 98613
Ion Ratio Lower Upper
142 100
127 48.0 35.8 53.6
141 13.9 11.4 17.0

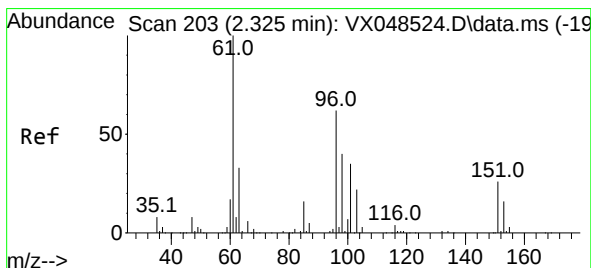
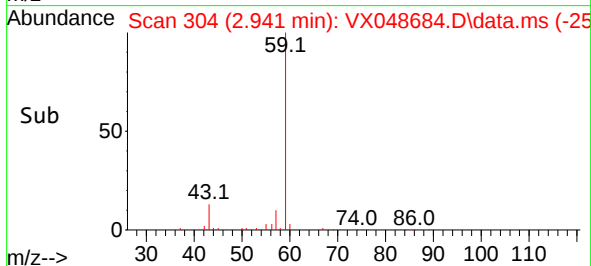
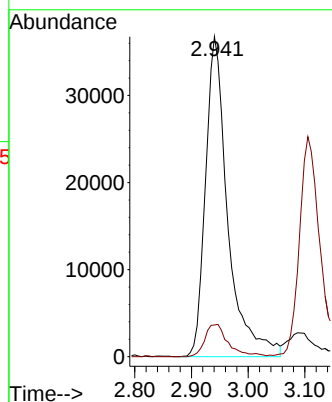
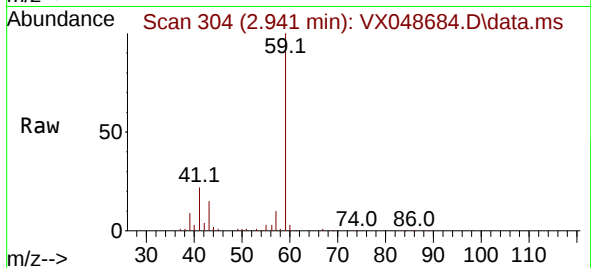




#11
Tert butyl alcohol
Concen: 263.340 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

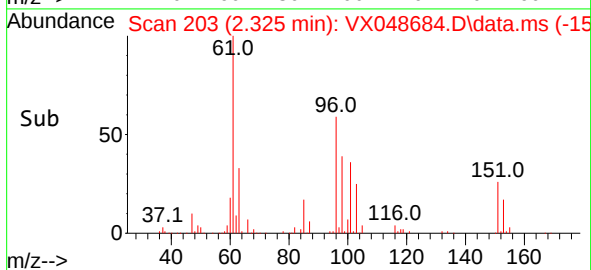
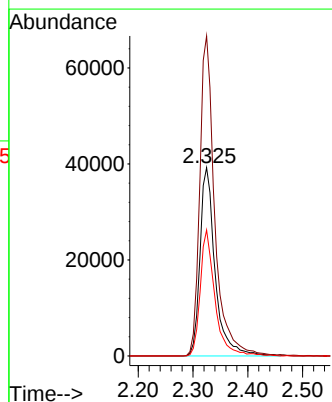
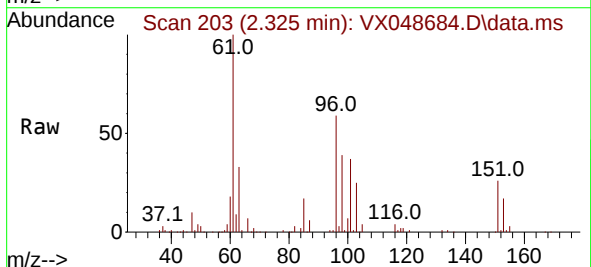
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

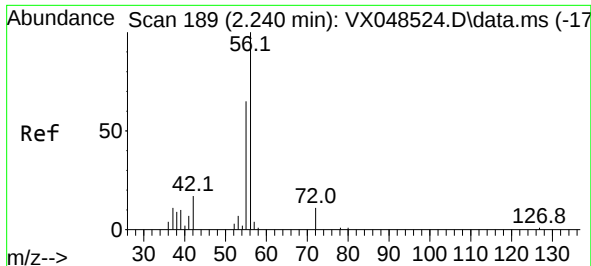
Tgt Ion: 59 Resp: 100341
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0



#12
1,1-Dichloroethene
Concen: 45.047 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 96 Resp: 75675
Ion Ratio Lower Upper
96 100
61 169.9 129.8 194.6
98 66.8 52.3 78.5

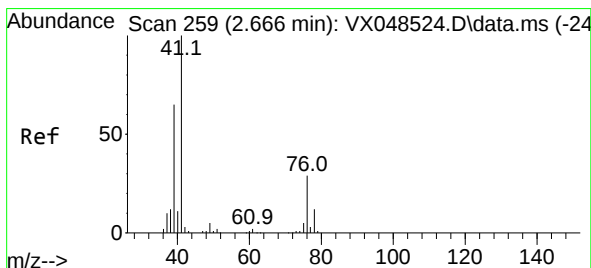
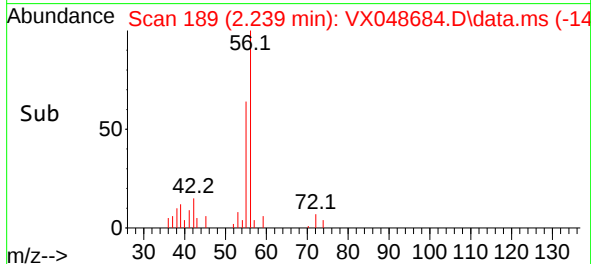
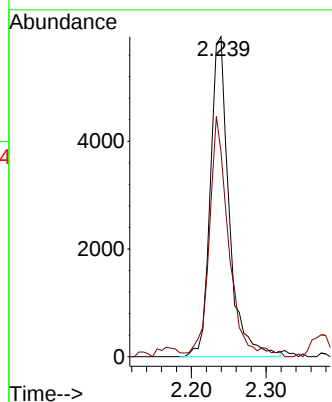
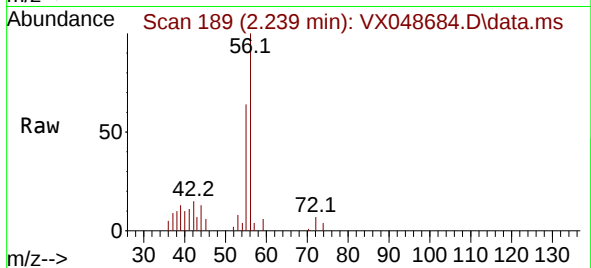




#13
Acrolein
Concen: 187.538 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

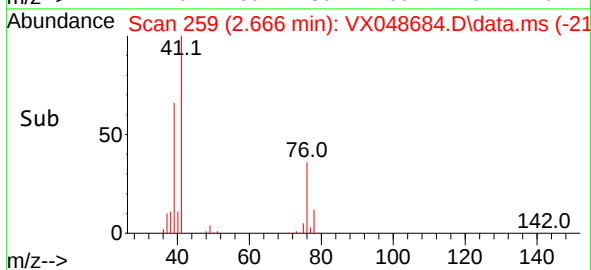
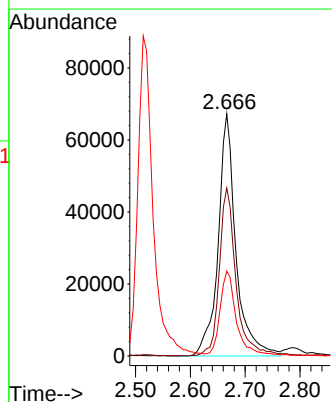
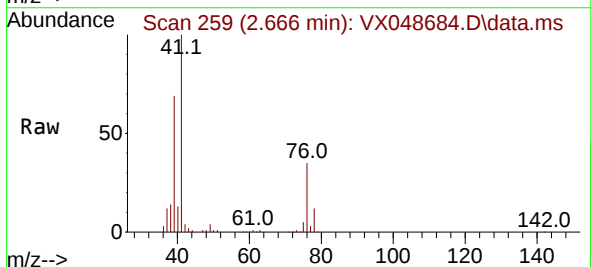
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

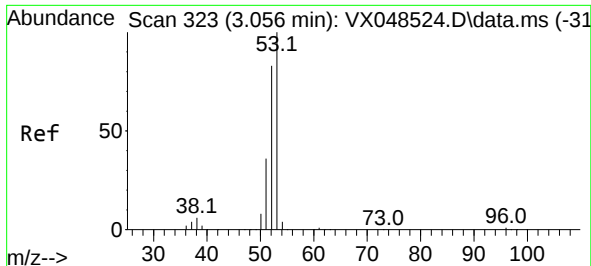
Tgt Ion: 56 Resp: 10339
Ion Ratio Lower Upper
56 100
55 77.6 54.9 82.3



#14
Allyl chloride
Concen: 48.651 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 41 Resp: 152170
Ion Ratio Lower Upper
41 100
39 65.7 48.6 73.0
76 32.1 27.7 41.5

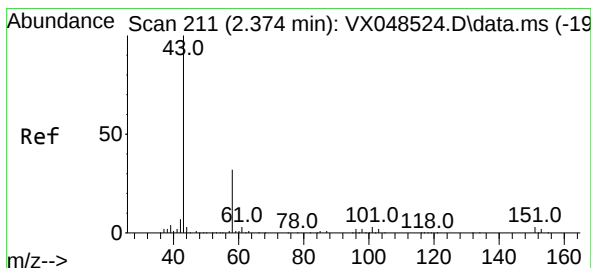
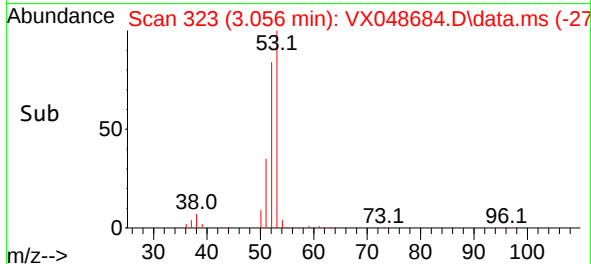
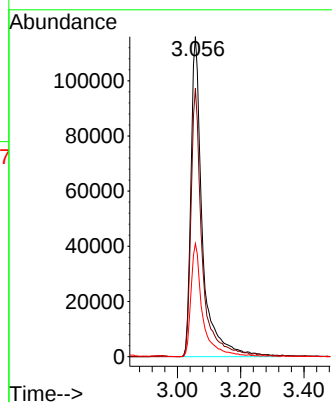
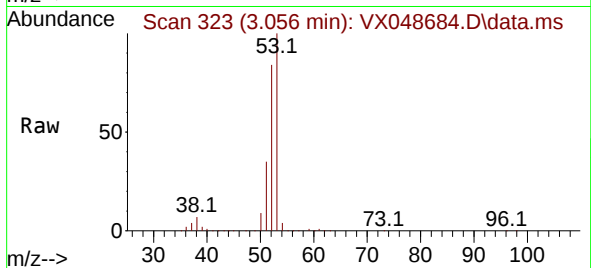




#15
Acrylonitrile
Concen: 263.702 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

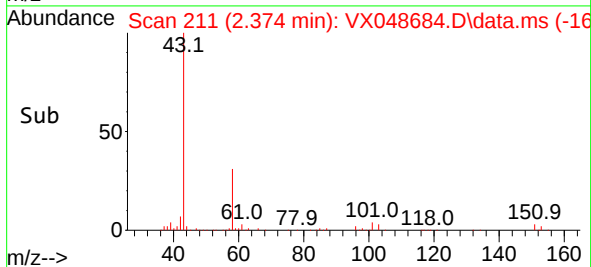
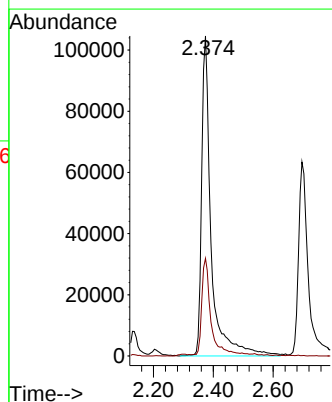
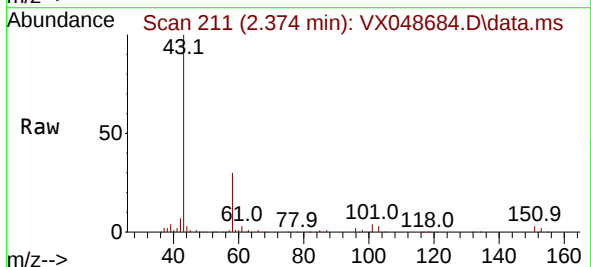
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

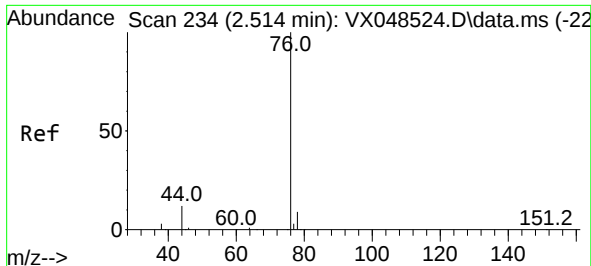
Tgt Ion: 53 Resp: 293321
Ion Ratio Lower Upper
53 100
52 80.5 65.3 97.9
51 35.6 27.8 41.6



#16
Acetone
Concen: 244.538 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 43 Resp: 232761
Ion Ratio Lower Upper
43 100
58 30.3 25.8 38.6

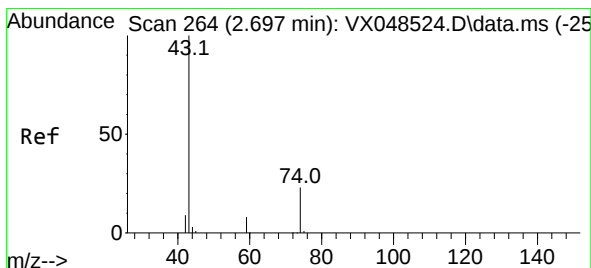
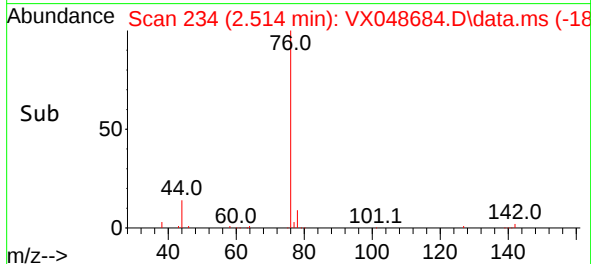
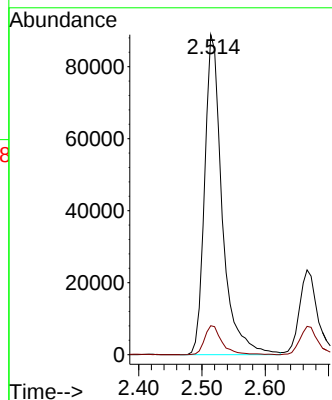
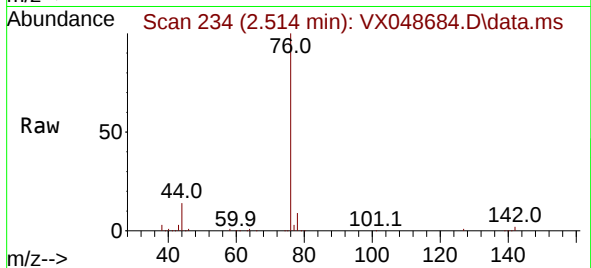




#17
Carbon Disulfide
Concen: 36.362 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

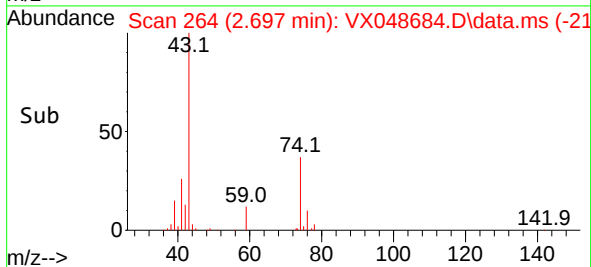
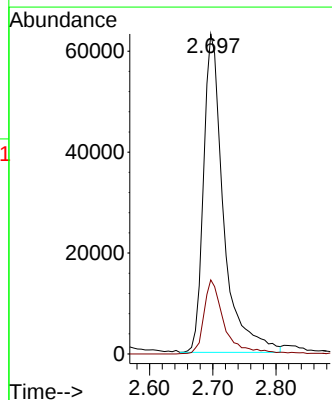
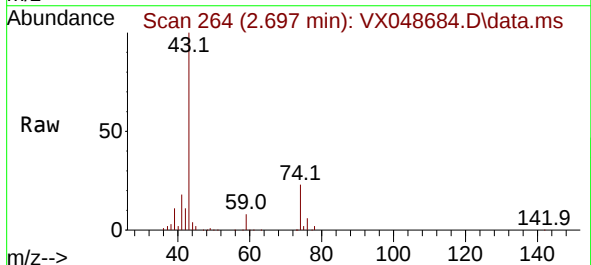
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

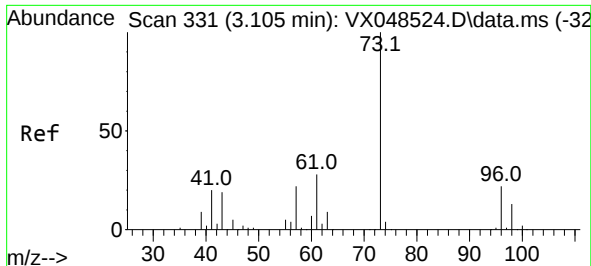
Tgt Ion: 76 Resp: 171892
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 53.219 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 43 Resp: 139209
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7

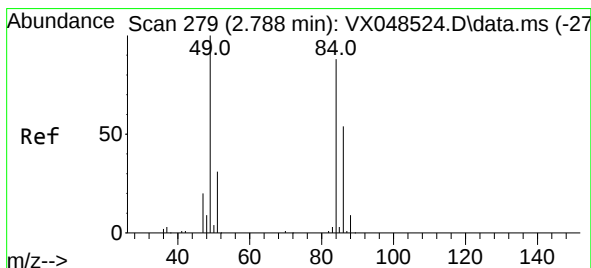
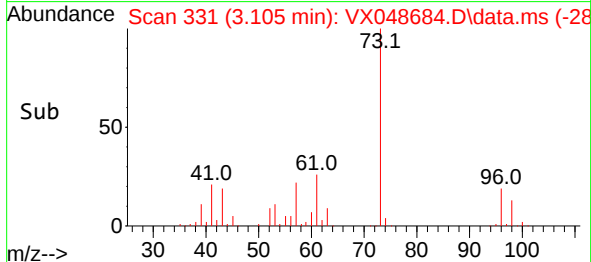
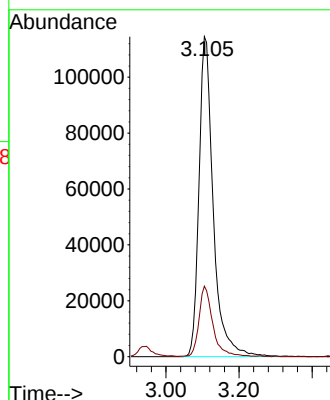
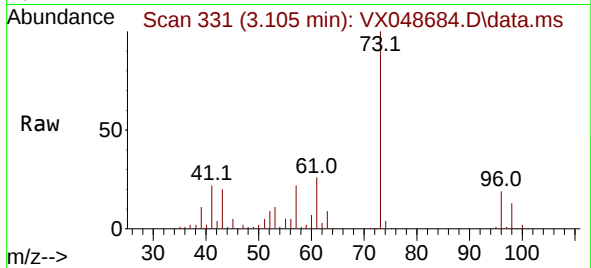




#19
Methyl tert-butyl Ether
Concen: 52.403 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

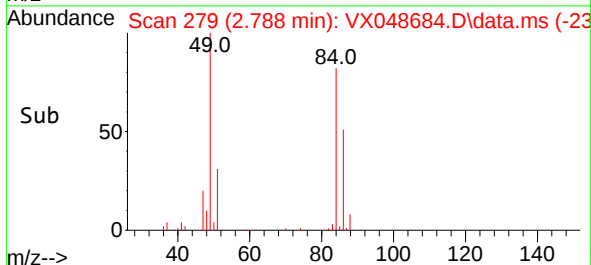
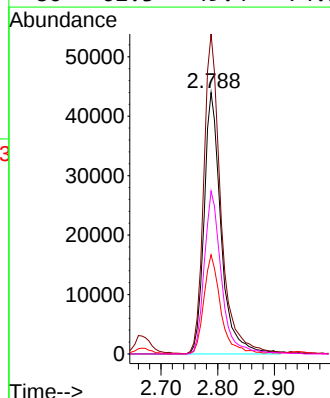
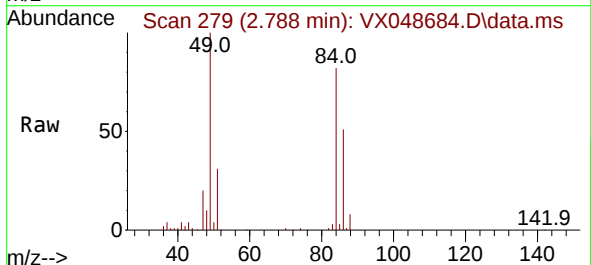
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 310869
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 46.819 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 84 Resp: 91620
Ion Ratio Lower Upper
84 100
49 122.2 91.2 136.8
51 38.0 28.3 42.5
86 62.3 49.4 74.2

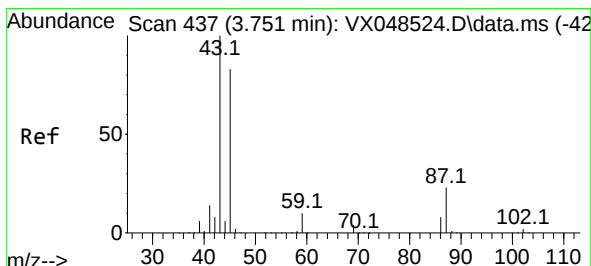
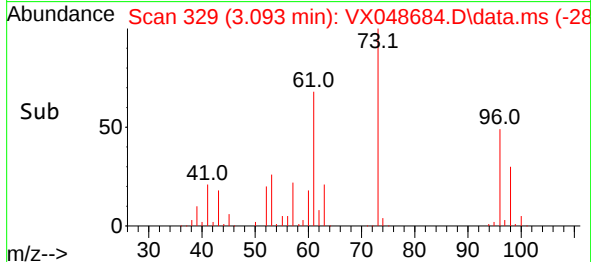
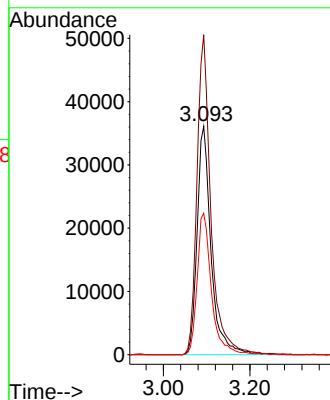
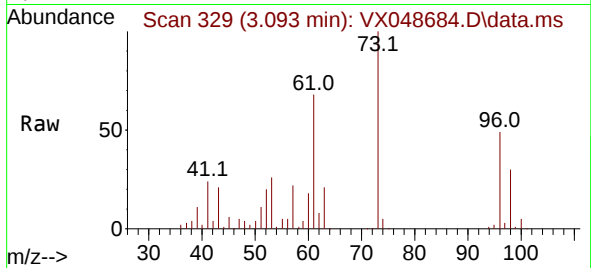




#21
trans-1,2-Dichloroethene
Concen: 45.393 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

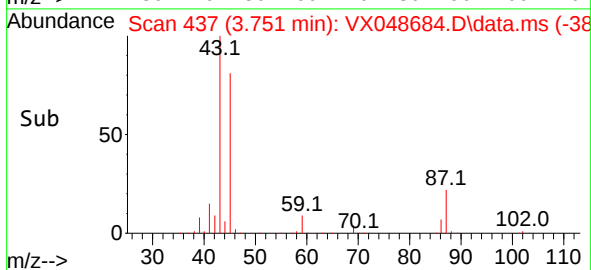
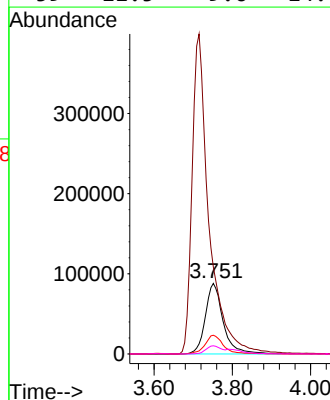
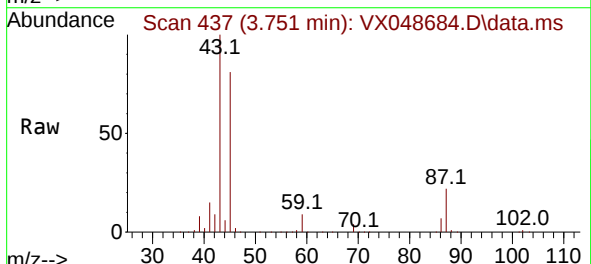
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 80823
Ion Ratio Lower Upper
96 100
61 140.1 106.7 160.1
98 61.9 52.7 79.1



#22
Diisopropyl ether
Concen: 46.307 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 45 Resp: 278117
Ion Ratio Lower Upper
45 100
43 122.8 96.4 144.6
87 26.5 21.8 32.6
59 11.5 9.6 14.4

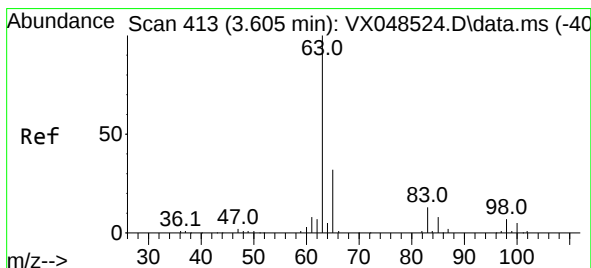
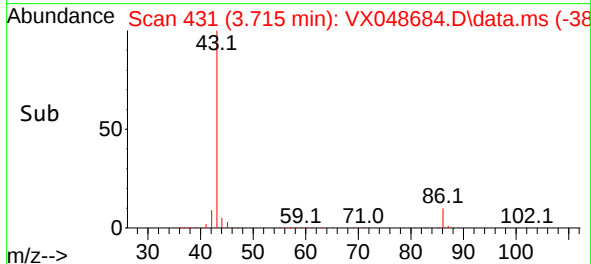
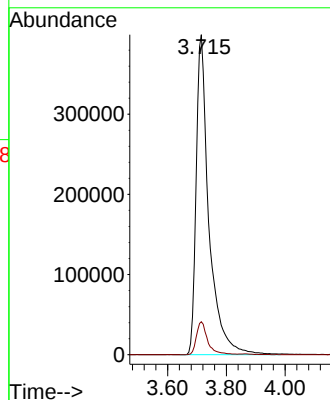
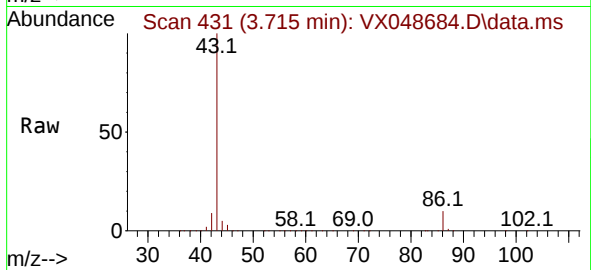




#23
 Vinyl Acetate
 Concen: 229.075 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048684.D
 Acq: 25 Nov 2025 14:43

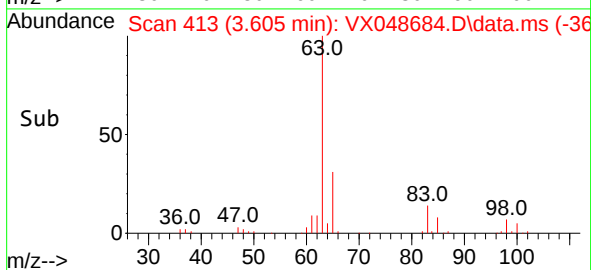
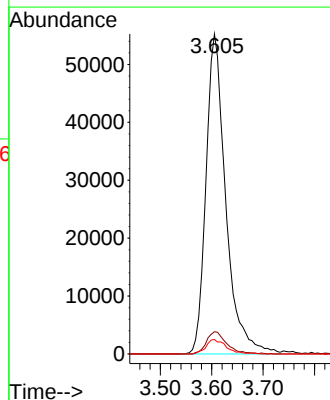
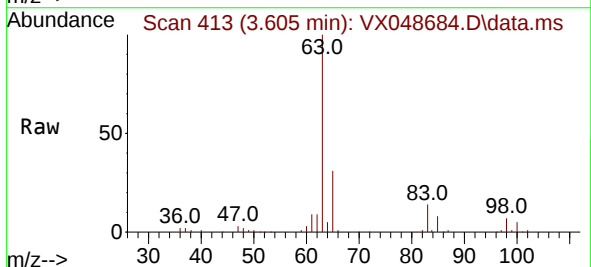
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

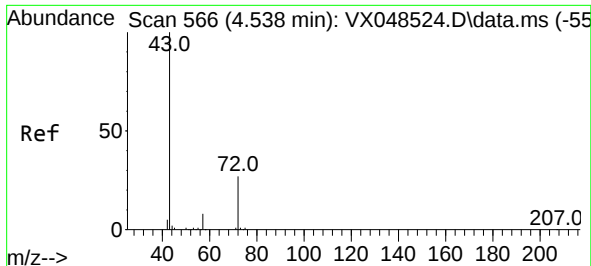
Tgt Ion: 43 Resp: 1204942
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 44.811 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048684.D
 Acq: 25 Nov 2025 14:43

Tgt Ion: 63 Resp: 147672
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.5 2.5 7.4

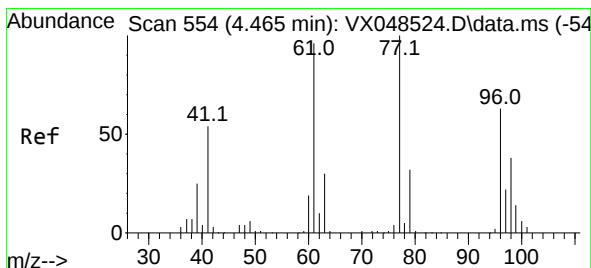
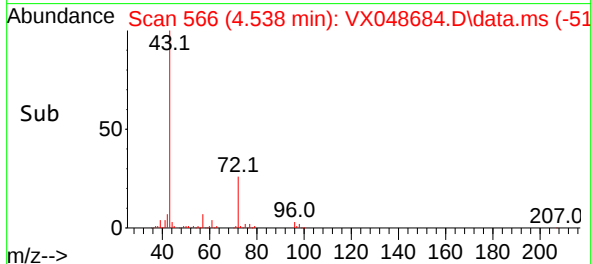
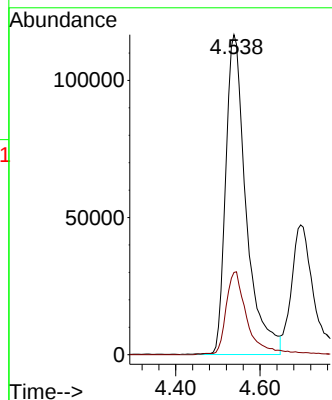
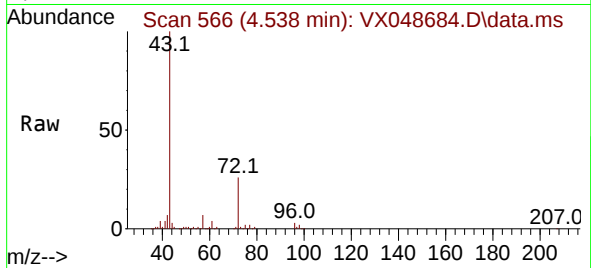




#25
2-Butanone
Concen: 277.969 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

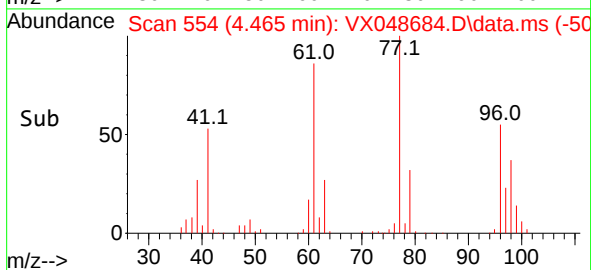
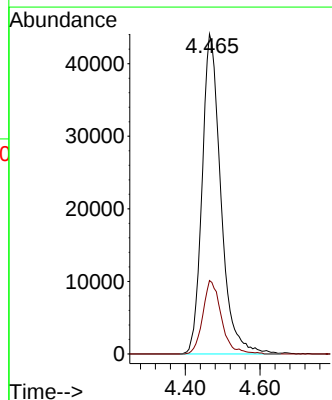
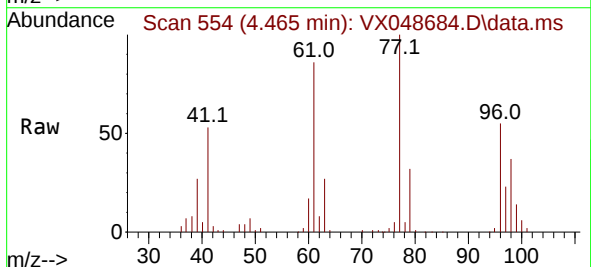
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

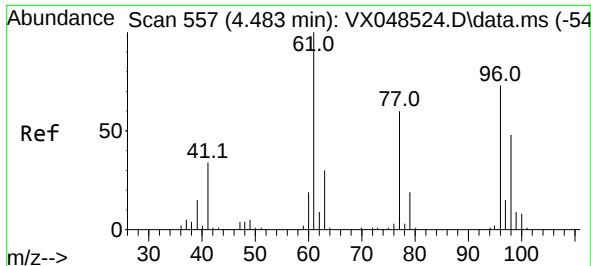
Tgt Ion: 43 Resp: 391405
Ion Ratio Lower Upper
43 100
72 25.7 21.5 32.3



#26
2,2-Dichloropropane
Concen: 54.636 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 77 Resp: 153497
Ion Ratio Lower Upper
77 100
97 22.7 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.982 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

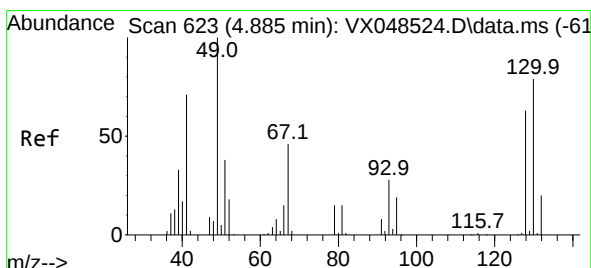
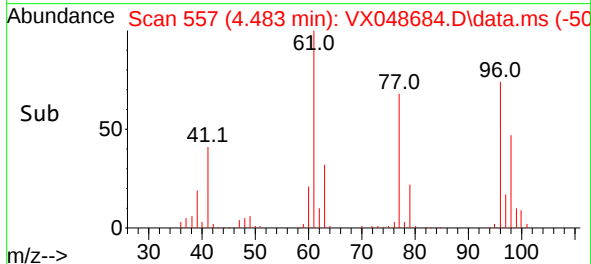
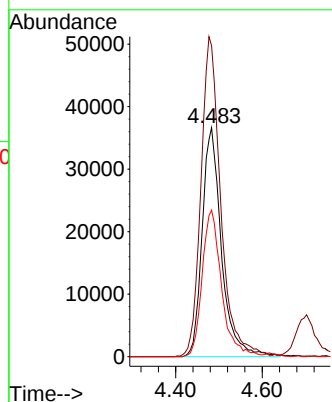
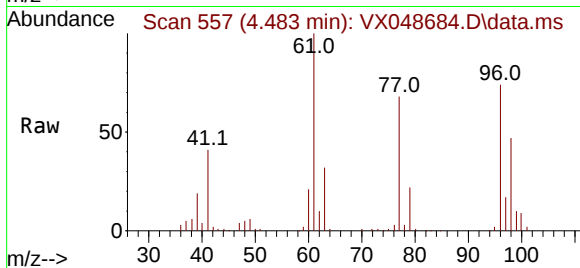
Tgt Ion: 96 Resp: 113131

Ion Ratio Lower Upper

96 100

61 144.4 0.0 279.6

98 64.4 0.0 128.2



#28

Bromochloromethane

Concen: 46.626 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

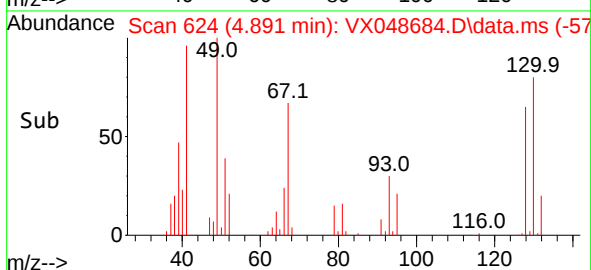
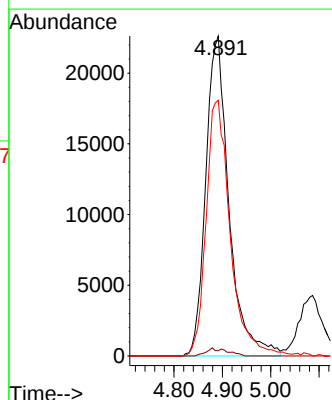
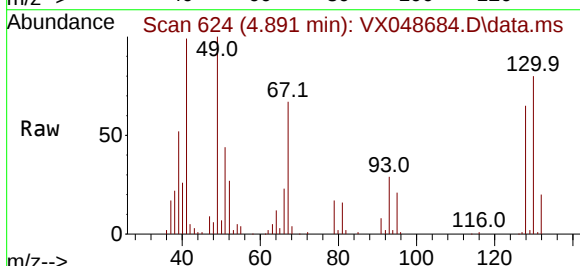
Tgt Ion: 49 Resp: 75483

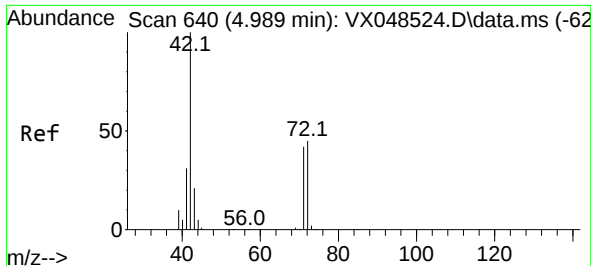
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.2

130 82.6 65.9 98.9





#29

Tetrahydrofuran

Concen: 265.099 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

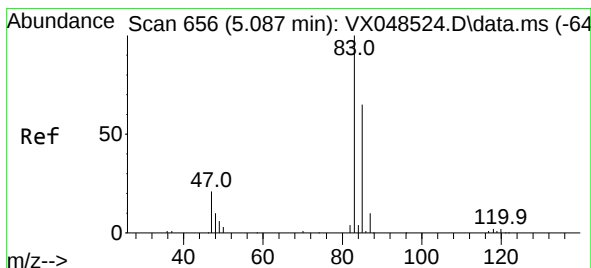
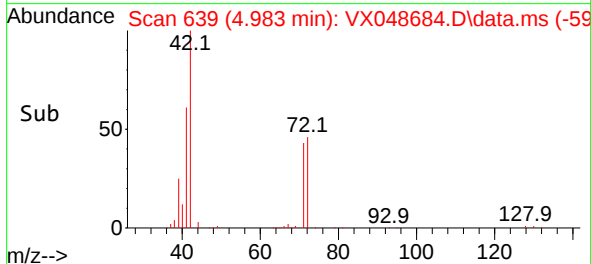
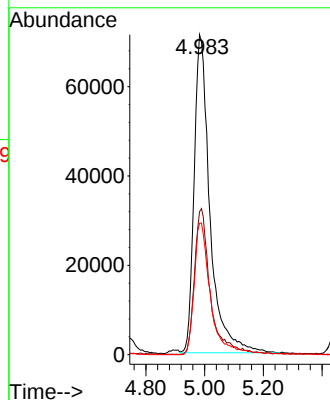
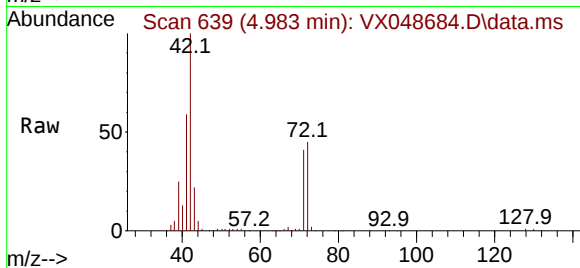
Tgt Ion: 42 Resp: 266232

Ion Ratio Lower Upper

42 100

72 45.6 36.3 54.5

71 42.7 34.1 51.1



#30

Chloroform

Concen: 55.429 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX048684.D

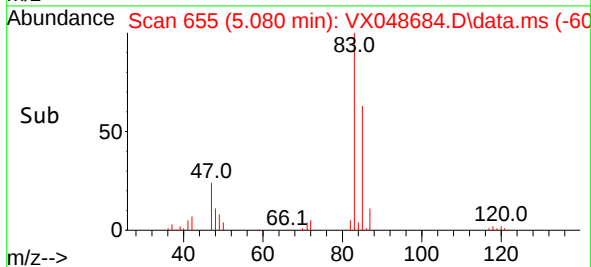
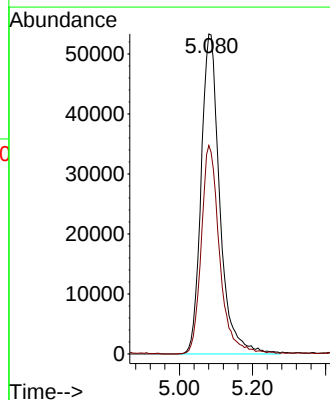
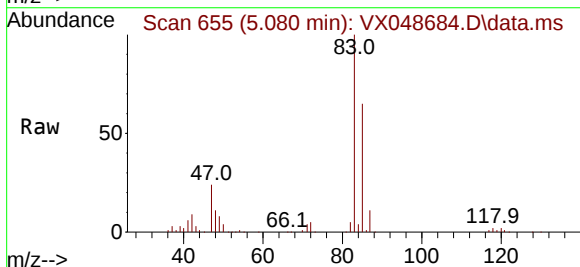
Acq: 25 Nov 2025 14:43

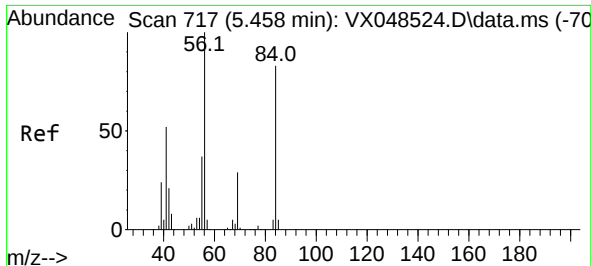
Tgt Ion: 83 Resp: 188577

Ion Ratio Lower Upper

83 100

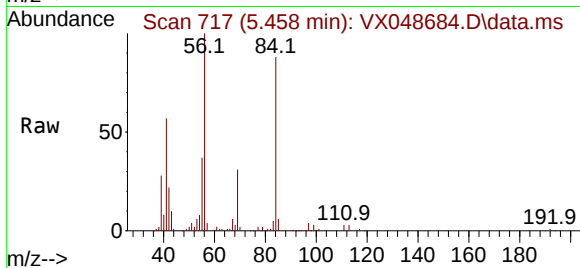
85 65.0 51.8 77.6



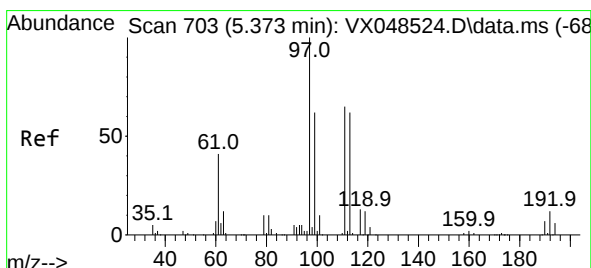
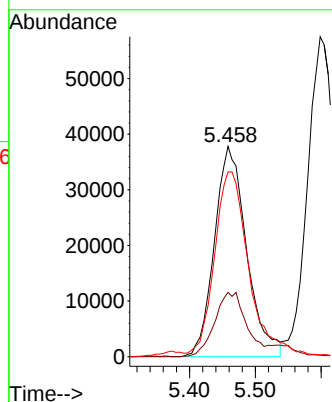
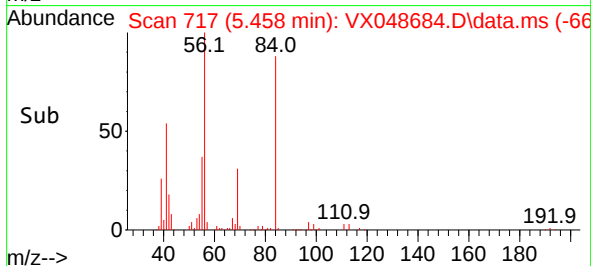


#31
Cyclohexane
Concen: 47.574 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

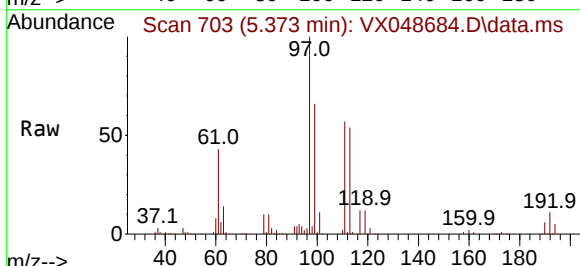
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



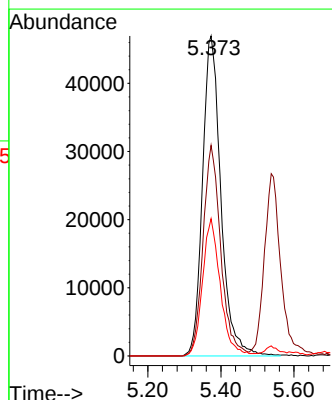
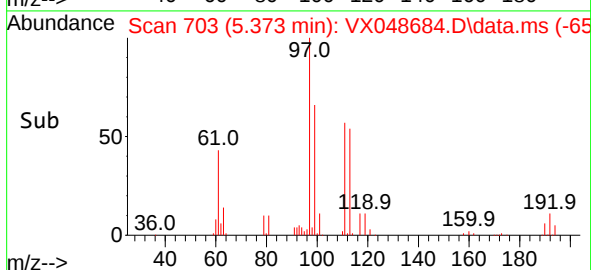
Tgt Ion: 56 Resp: 128458
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 85.8 66.3 99.5

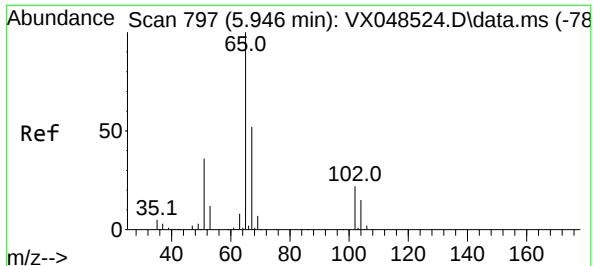


#32
1,1,1-Trichloroethane
Concen: 55.284 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43



Tgt Ion: 97 Resp: 164143
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 41.5 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 51.166 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

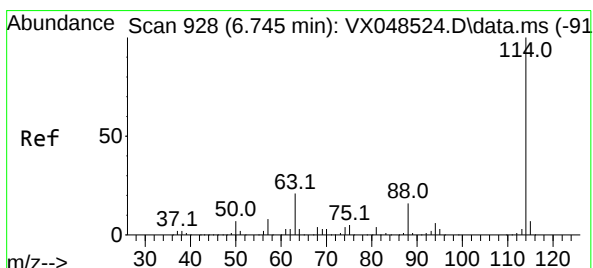
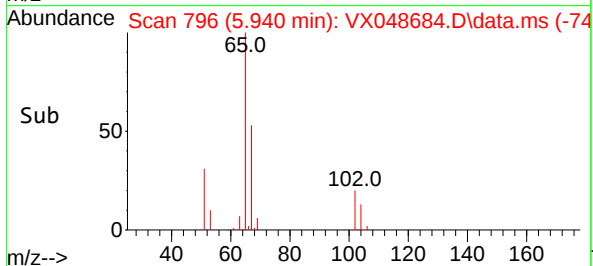
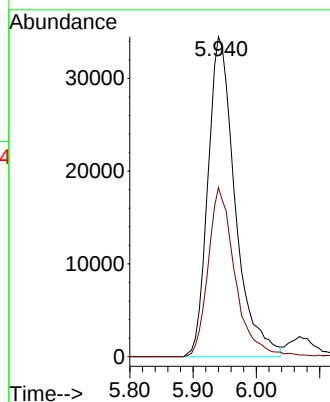
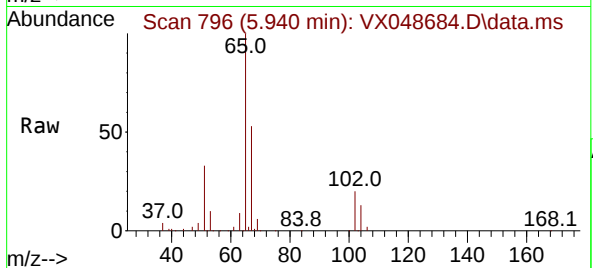
VSTDCCC050EC

Tgt Ion: 65 Resp: 102886

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

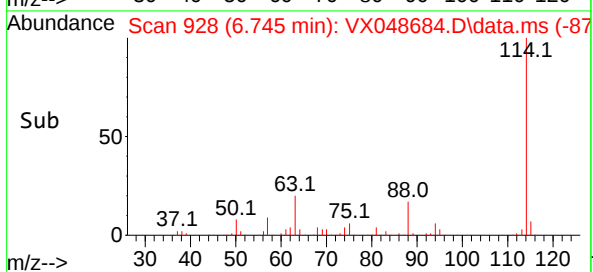
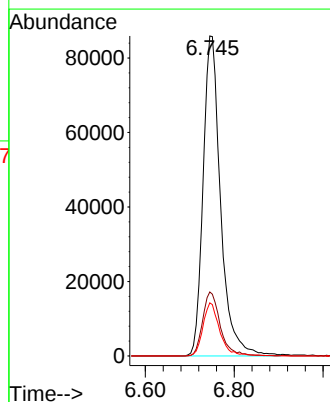
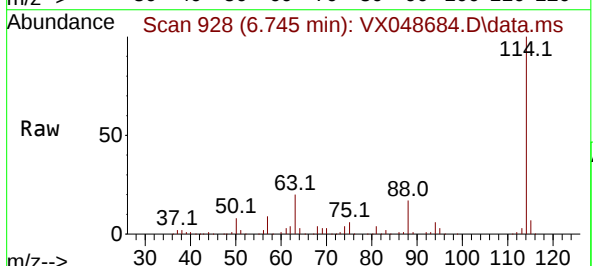
Tgt Ion: 114 Resp: 235898

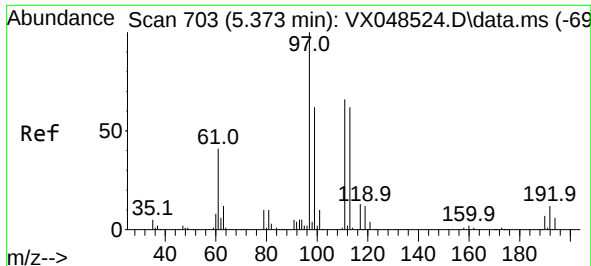
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.2

88 16.6 0.0 32.2

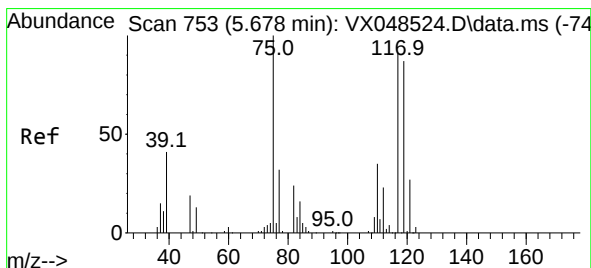
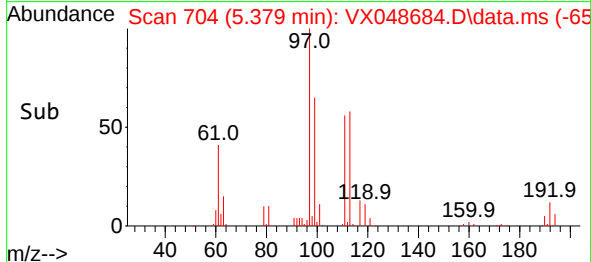
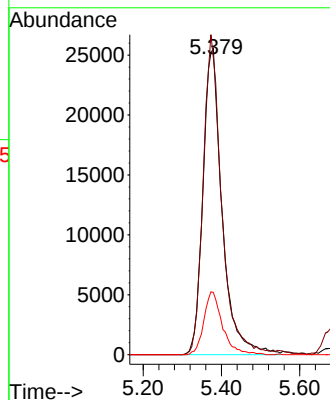
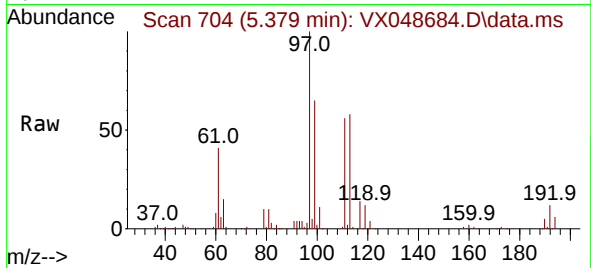




#35
 Dibromofluoromethane
 Concen: 48.605 ug/l
 RT: 5.379 min Scan# 703
 Delta R.T. 0.006 min
 Lab File: VX048684.D
 Acq: 25 Nov 2025 14:43

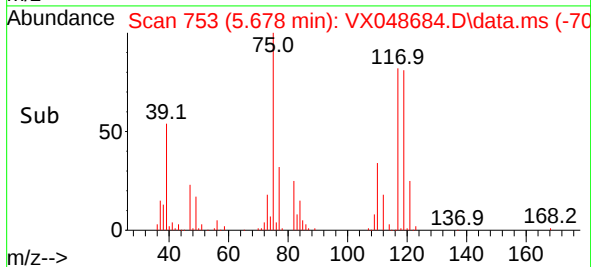
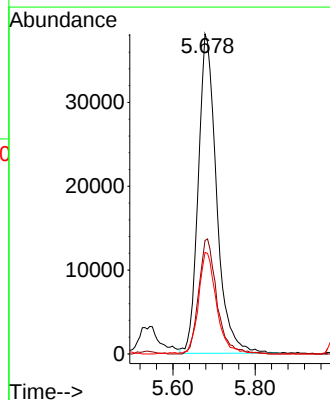
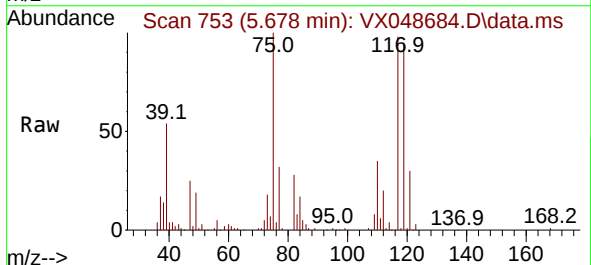
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

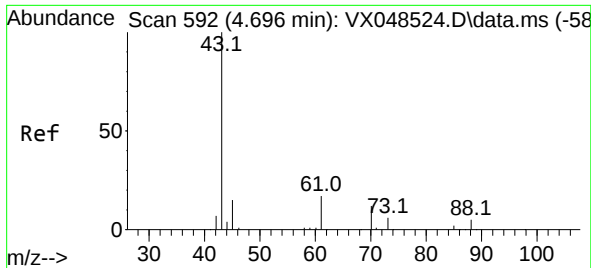
Tgt Ion:113 Resp: 86781
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.9 122.9
 192 20.0 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 49.191 ug/l
 RT: 5.678 min Scan# 753
 Delta R.T. -0.000 min
 Lab File: VX048684.D
 Acq: 25 Nov 2025 14:43

Tgt Ion: 75 Resp: 117604
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.4 55.4
 77 30.6 24.6 37.0

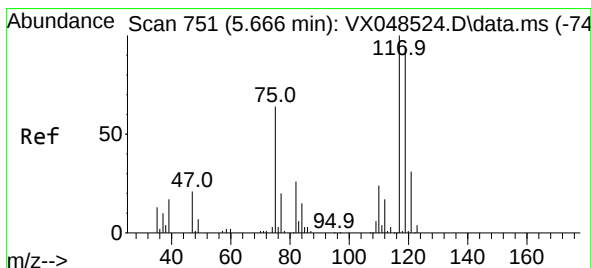
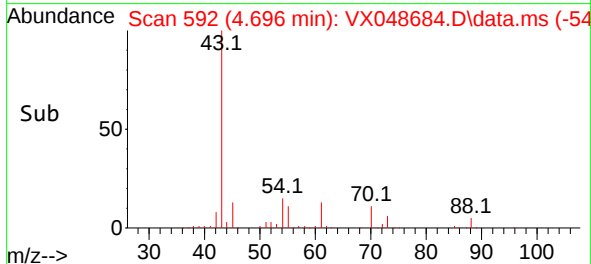
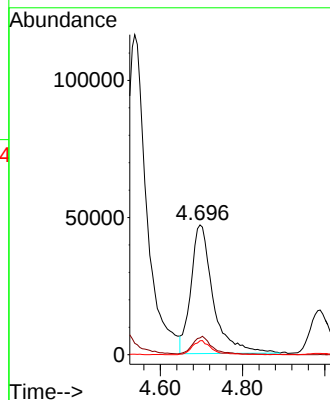
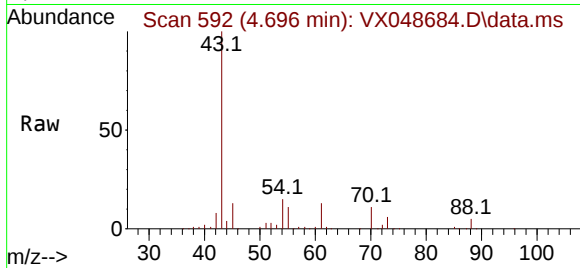




#37
Ethyl Acetate
Concen: 52.200 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

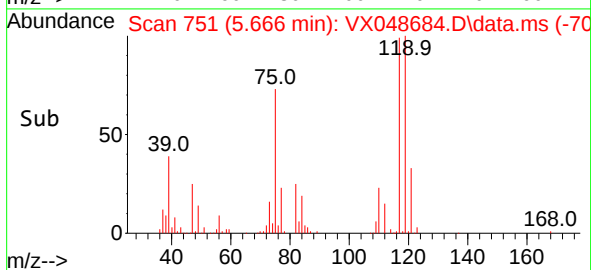
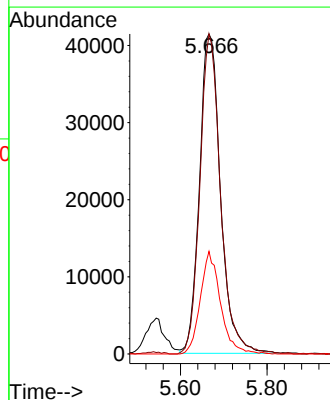
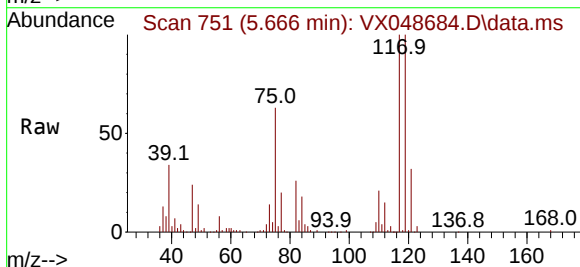
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

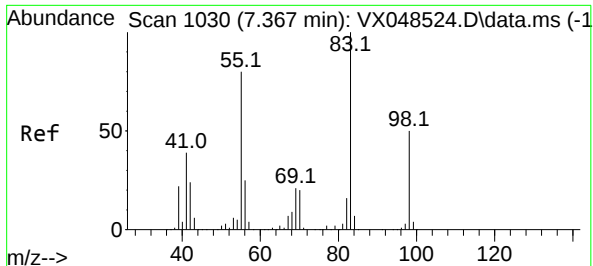
Tgt Ion: 43 Resp: 175670
Ion Ratio Lower Upper
43 100
61 11.5 9.7 14.5
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 51.495 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 117 Resp: 140145
Ion Ratio Lower Upper
117 100
119 99.9 74.5 111.7
121 32.1 24.8 37.2





#39

Methylcyclohexane

Concen: 51.272 ug/l

RT: 7.367 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

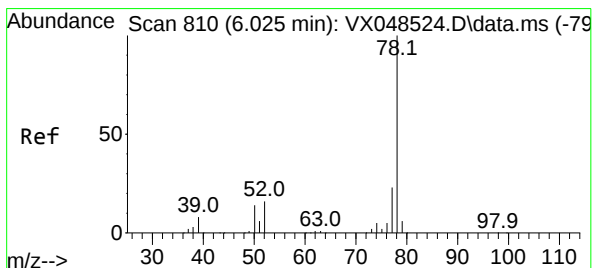
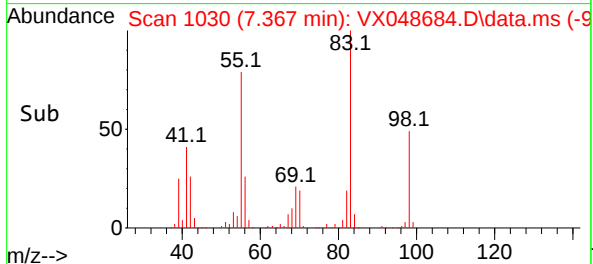
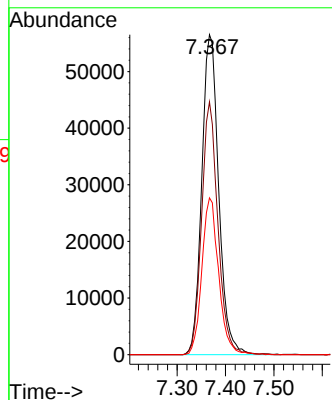
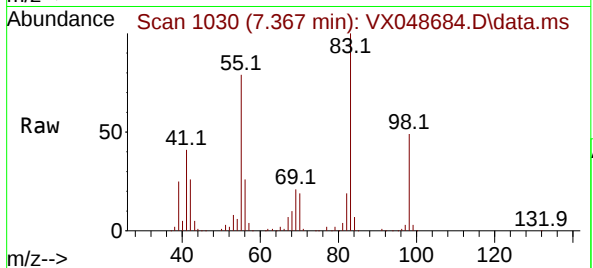
Tgt Ion: 83 Resp: 137634

Ion Ratio Lower Upper

83 100

55 79.0 63.8 95.6

98 49.0 40.3 60.5



#40

Benzene

Concen: 49.786 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048684.D

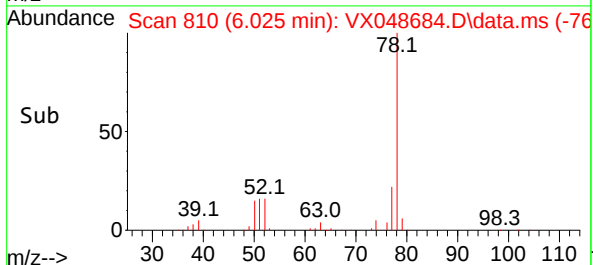
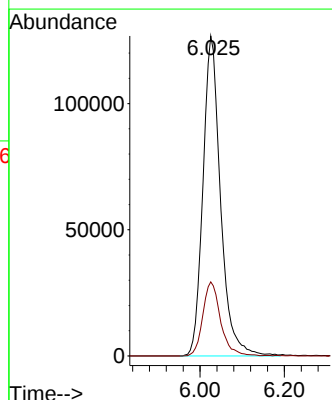
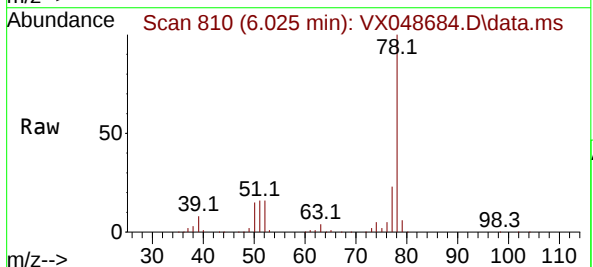
Acq: 25 Nov 2025 14:43

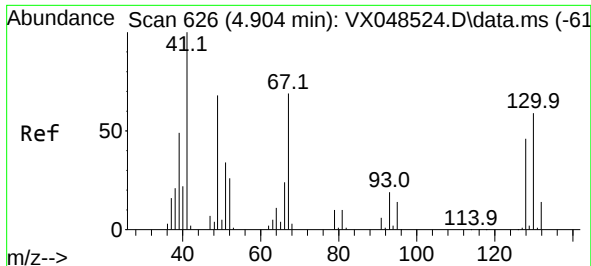
Tgt Ion: 78 Resp: 368960

Ion Ratio Lower Upper

78 100

77 23.1 18.3 27.5

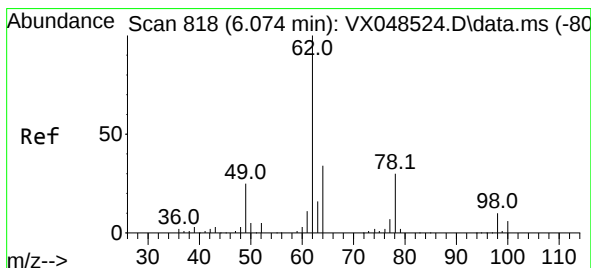
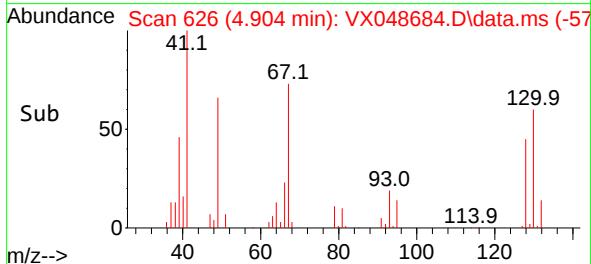
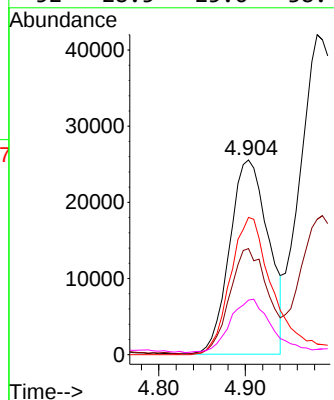
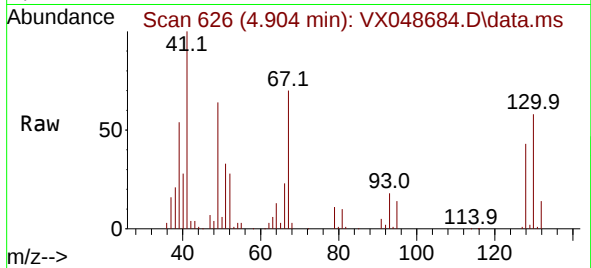




#41
Methacrylonitrile
Concen: 53.826 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

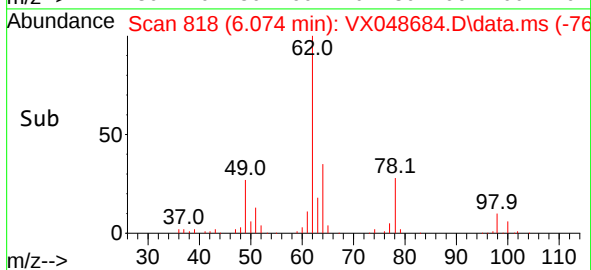
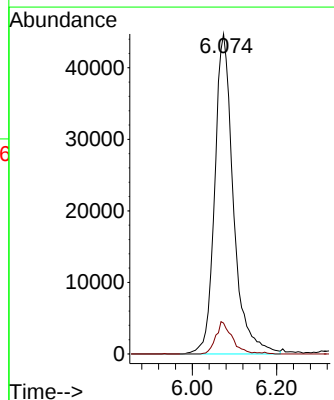
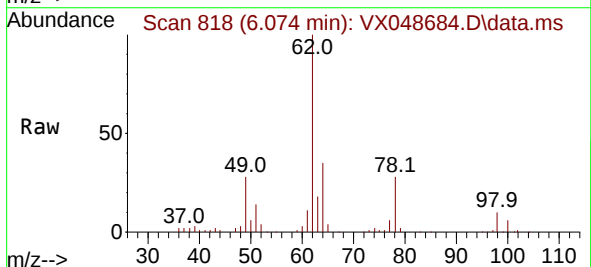
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

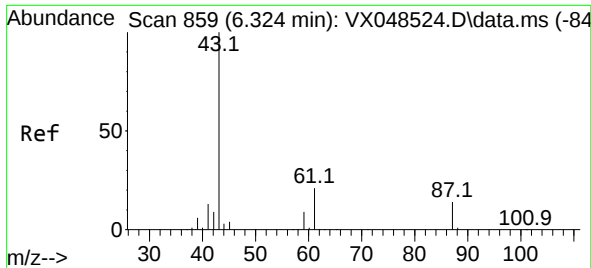
Tgt Ion: 41 Resp: 79662
Ion Ratio Lower Upper
41 100
39 52.7 41.1 61.7
67 79.2 64.2 96.2
52 28.5 25.6 38.4



#42
1,2-Dichloroethane
Concen: 54.104 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 62 Resp: 137379
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.6

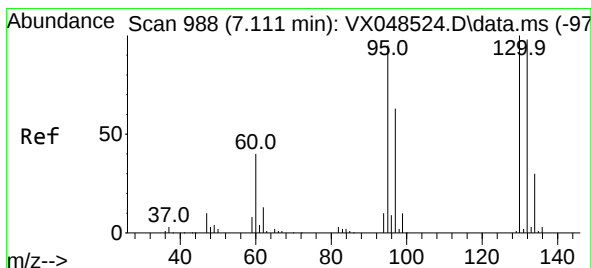
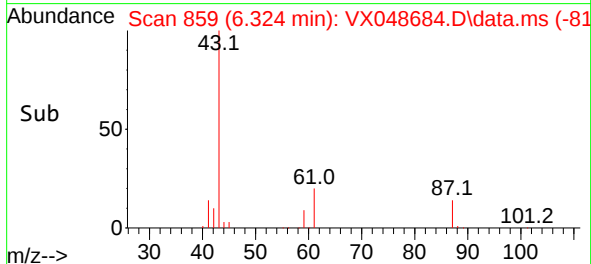
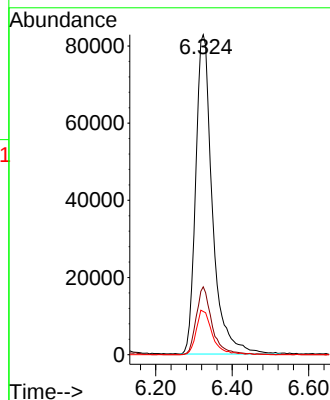
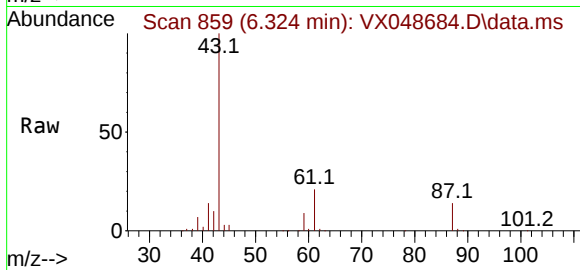




#43
Isopropyl Acetate
Concen: 52.969 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

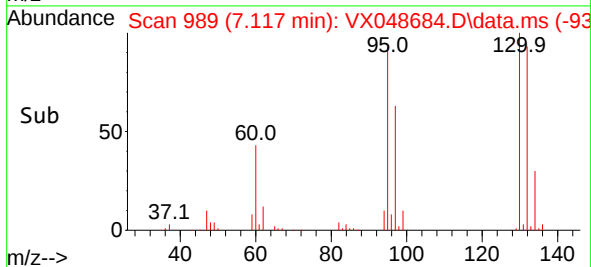
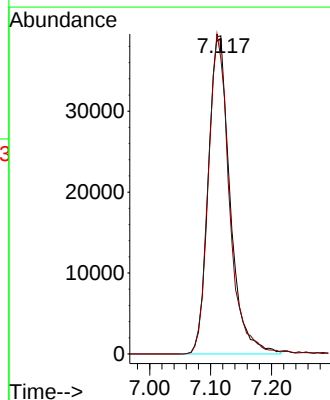
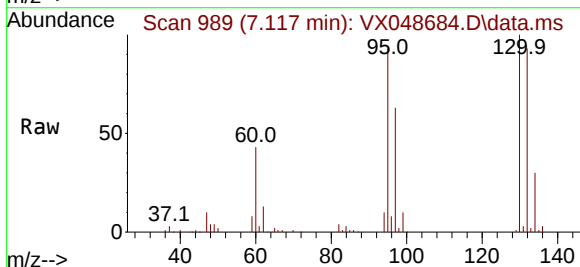
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

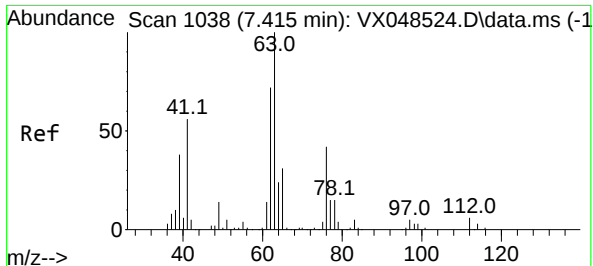
Tgt Ion: 43 Resp: 250577
Ion Ratio Lower Upper
43 100
61 20.1 16.2 24.4
87 13.4 10.9 16.3



#44
Trichloroethene
Concen: 55.021 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion:130 Resp: 97464
Ion Ratio Lower Upper
130 100
95 93.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 56.876 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

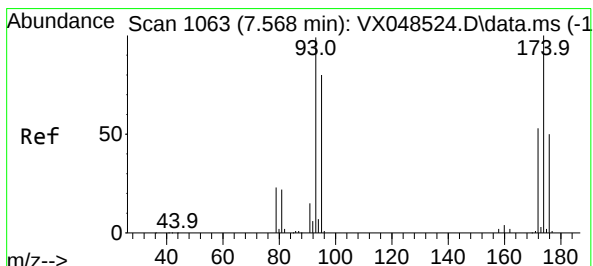
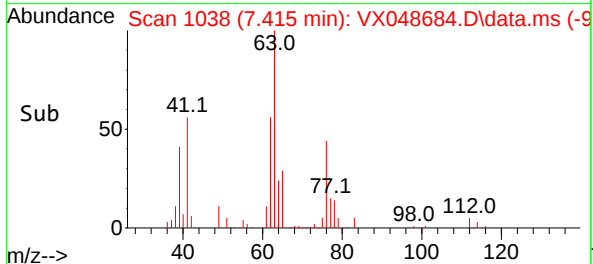
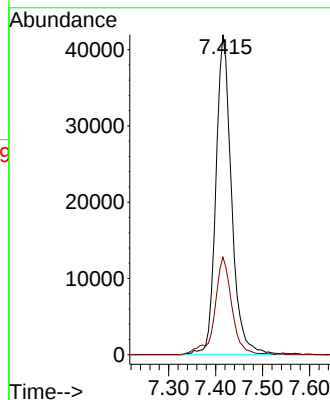
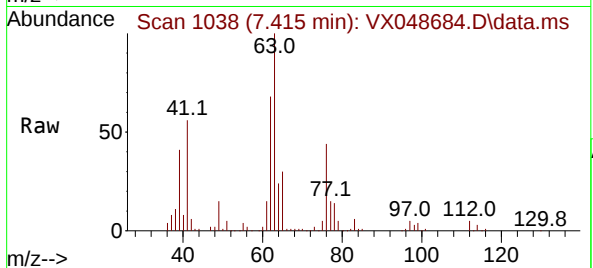
VSTDCCC050EC

Tgt Ion: 63 Resp: 96915

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



#46

Dibromomethane

Concen: 58.513 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

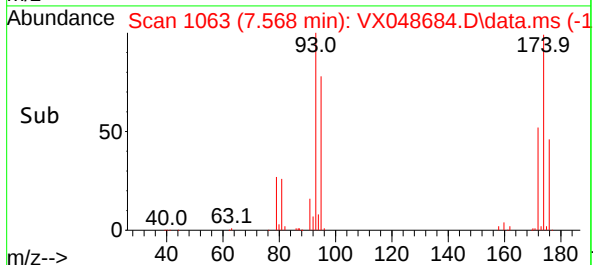
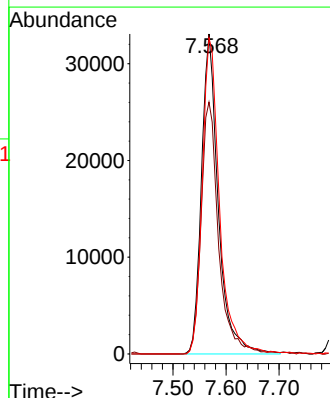
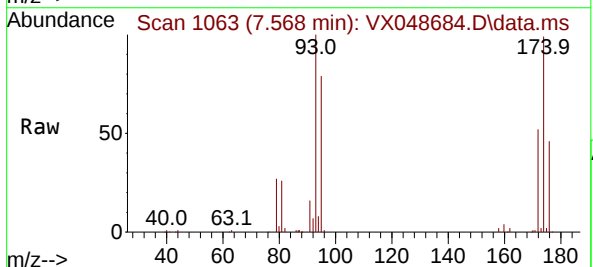
Tgt Ion: 93 Resp: 72721

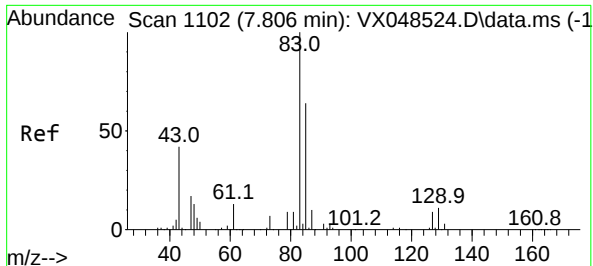
Ion Ratio Lower Upper

93 100

95 81.9 67.6 101.4

174 102.1 83.0 124.6

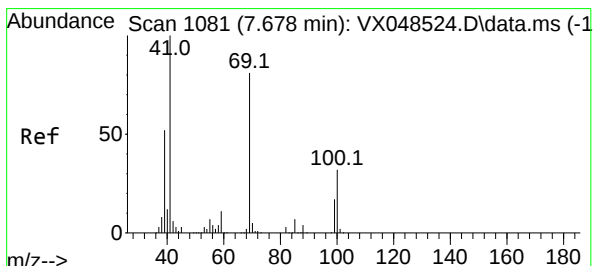
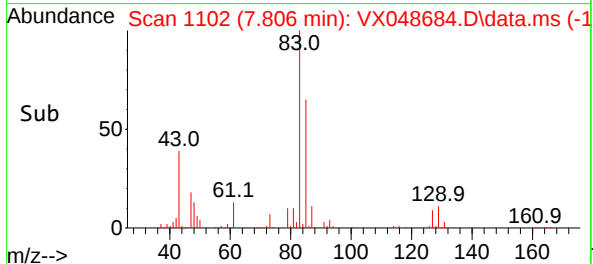
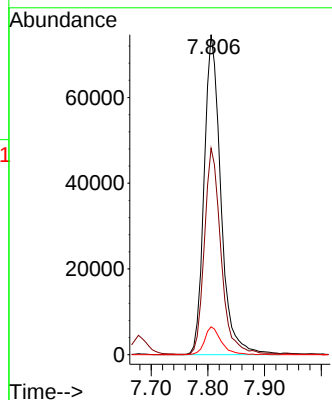
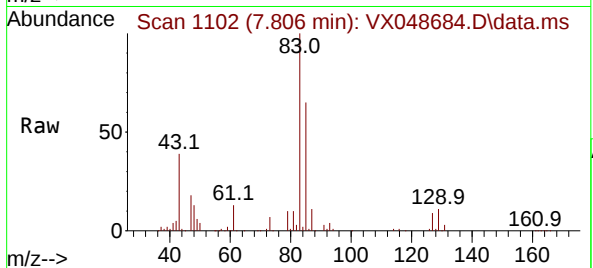




#47
Bromodichloromethane
Concen: 61.738 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

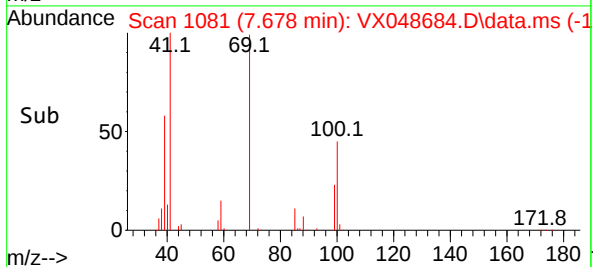
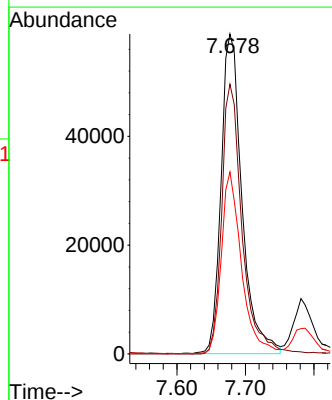
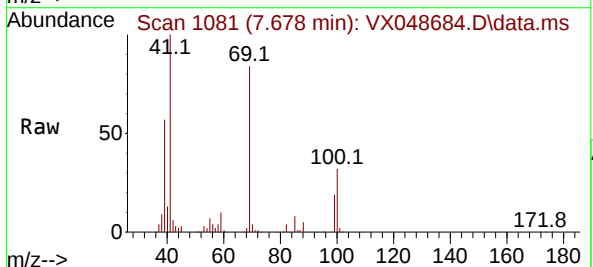
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

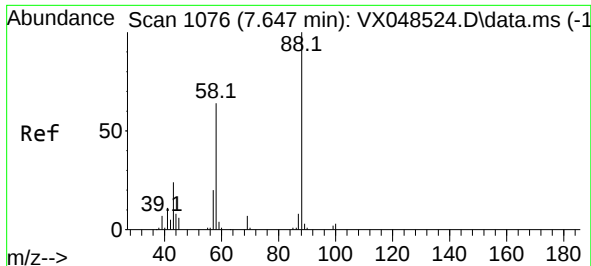
Tgt Ion: 83 Resp: 153072
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.0
127 8.7 7.0 10.4



#48
Methyl methacrylate
Concen: 59.179 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 41 Resp: 124450
Ion Ratio Lower Upper
41 100
69 82.5 67.9 101.9
39 55.1 42.2 63.2





#49

1,4-Dioxane

Concen: 1135.270 ug/l

RT: 7.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

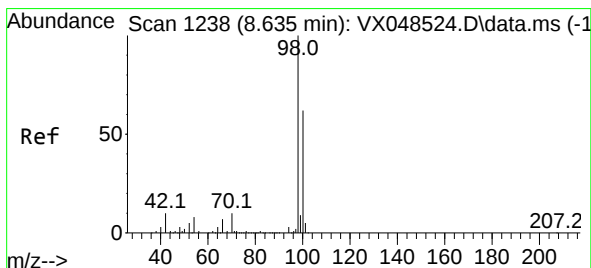
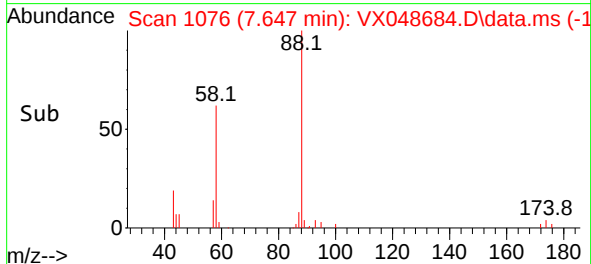
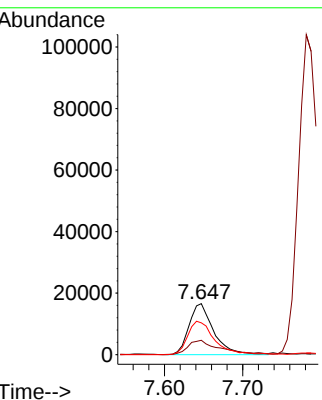
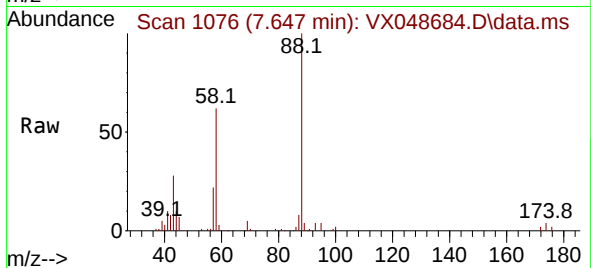
Tgt Ion: 88 Resp: 36378

Ion Ratio Lower Upper

88 100

43 34.7 25.1 37.7

58 72.1 56.7 85.1



#50

Toluene-d8

Concen: 52.531 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048684.D

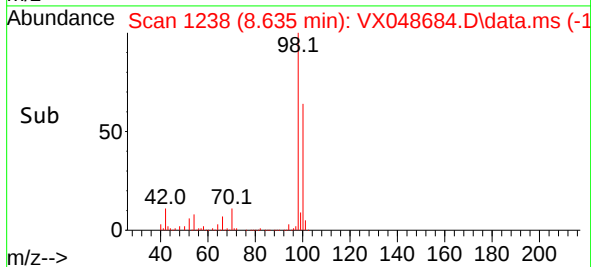
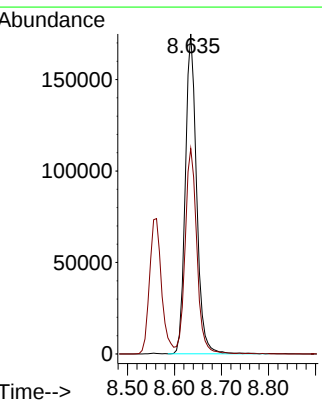
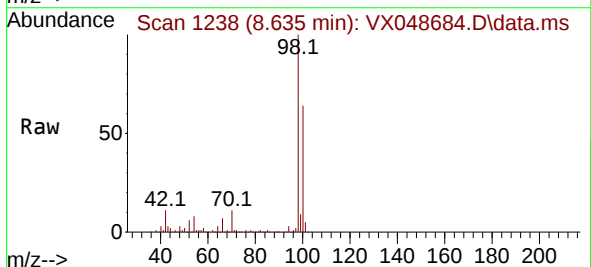
Acq: 25 Nov 2025 14:43

Tgt Ion: 98 Resp: 292517

Ion Ratio Lower Upper

98 100

100 66.2 53.6 80.4

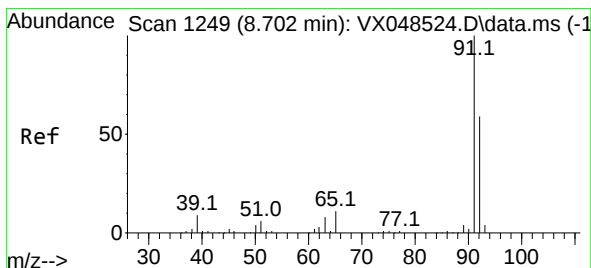
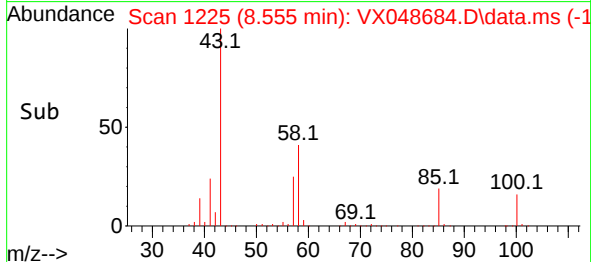
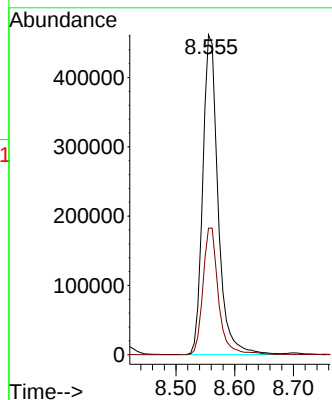
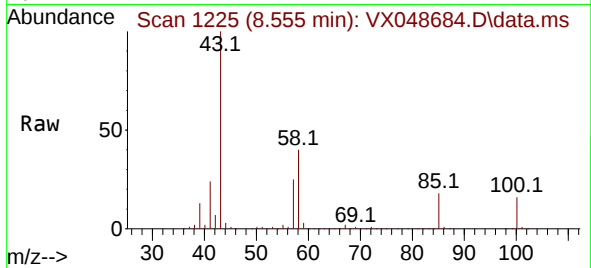




#51
4-Methyl-2-Pentanone
Concen: 311.119 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

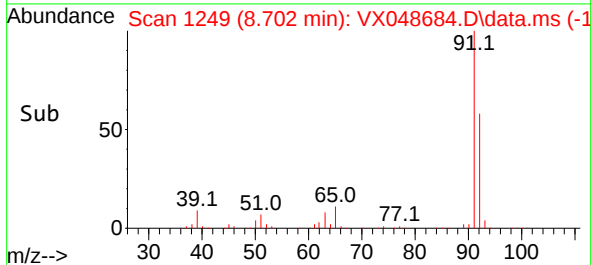
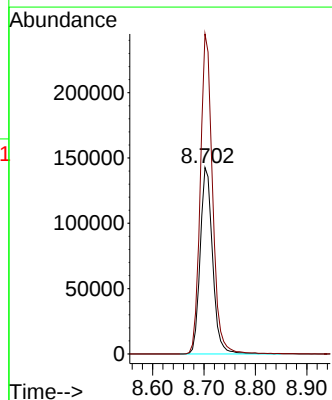
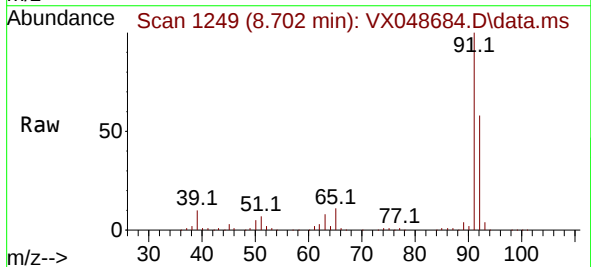
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

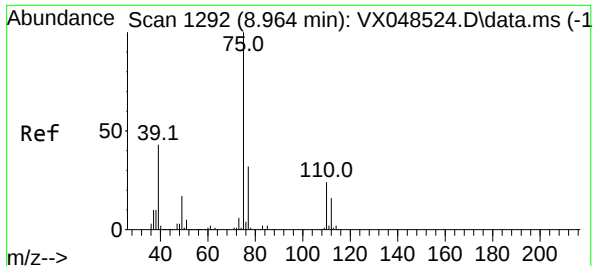
Tgt Ion: 43 Resp: 837788
Ion Ratio Lower Upper
43 100
58 40.3 32.3 48.5



#52
Toluene
Concen: 61.340 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 92 Resp: 239331
Ion Ratio Lower Upper
92 100
91 169.2 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 60.792 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

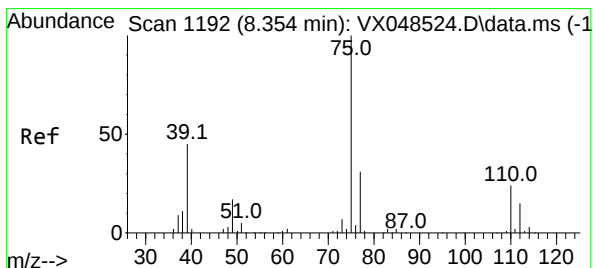
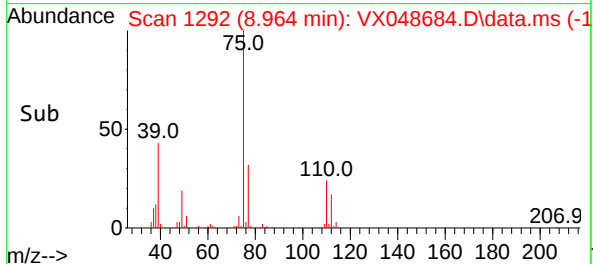
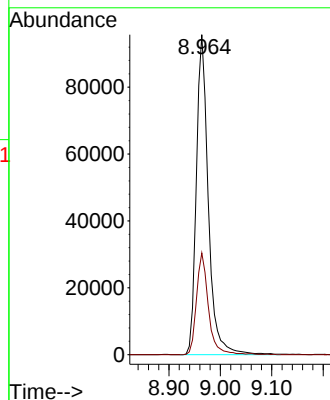
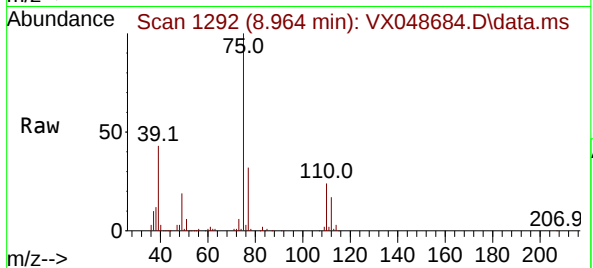
VSTDCCC050EC

Tgt Ion: 75 Resp: 155309

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 62.127 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

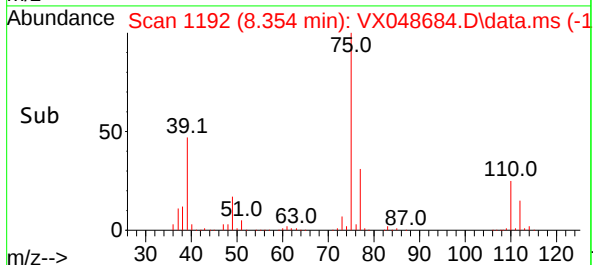
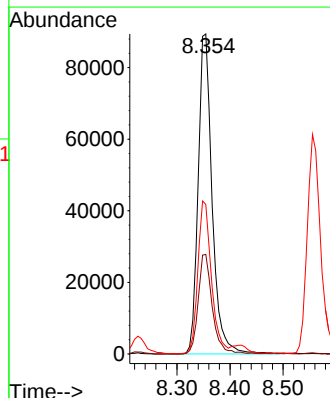
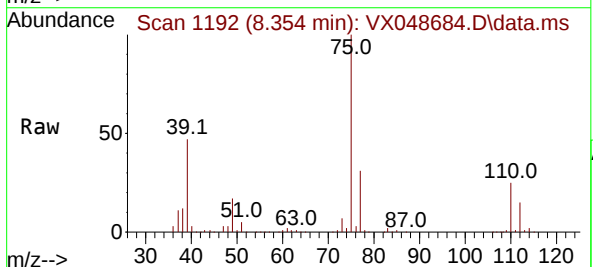
Tgt Ion: 75 Resp: 164348

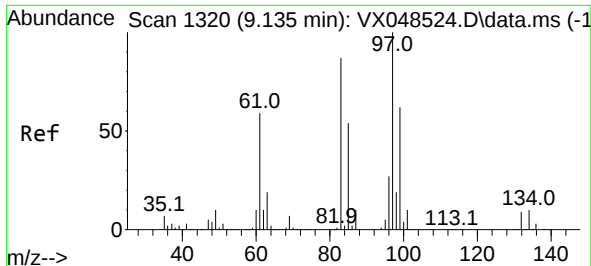
Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

39 46.6 36.1 54.1

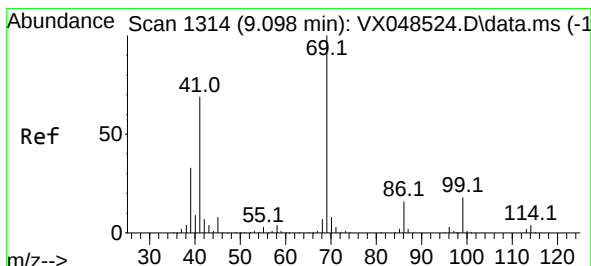
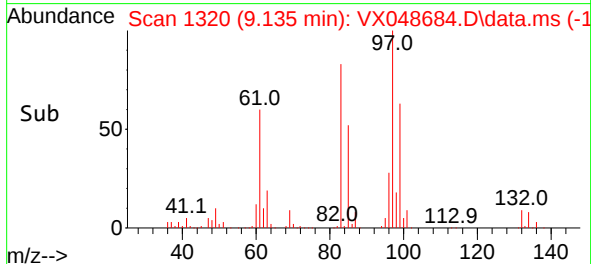
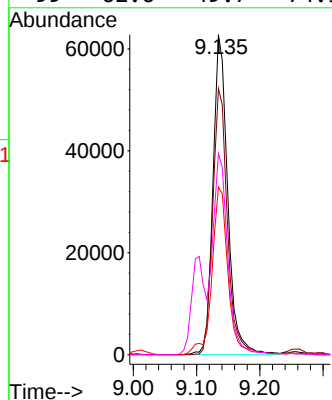
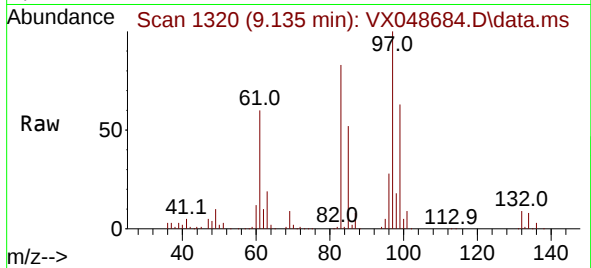




#55
1,1,2-Trichloroethane
Concen: 65.327 ug/l
RT: 9.135 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

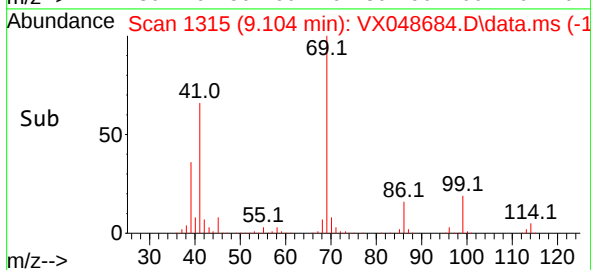
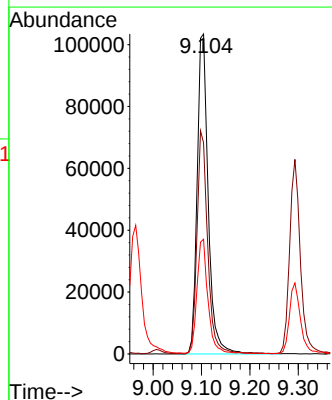
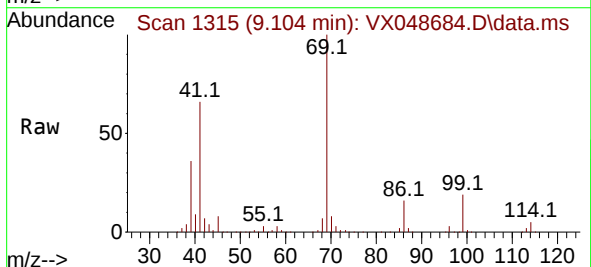
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	101835
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.2	103.8
85	52.4	42.8	64.2
99	62.6	49.7	74.5



#56
Ethyl methacrylate
Concen: 63.303 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion:	69	Resp:	164178
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.3	79.9
39	35.4	26.1	39.1





#57

1,3-Dichloropropane

Concen: 61.579 ug/l

RT: 9.293 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

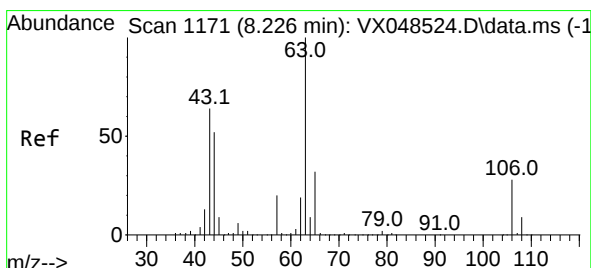
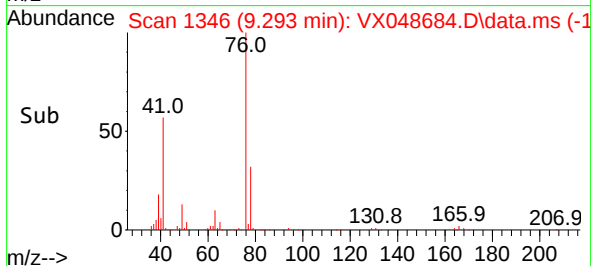
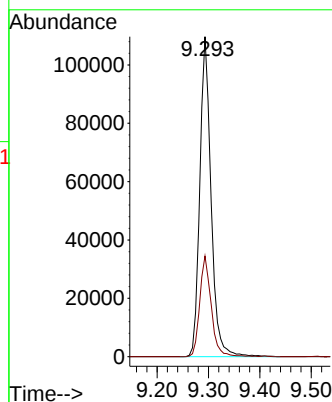
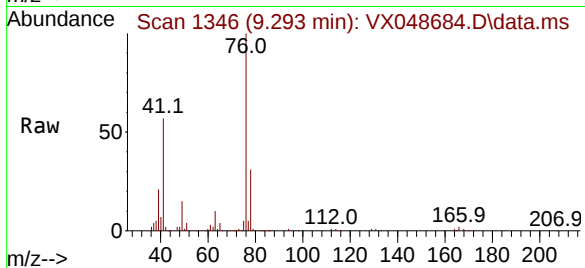
VSTDCCC050EC

Tgt Ion: 76 Resp: 167084

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 315.026 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048684.D

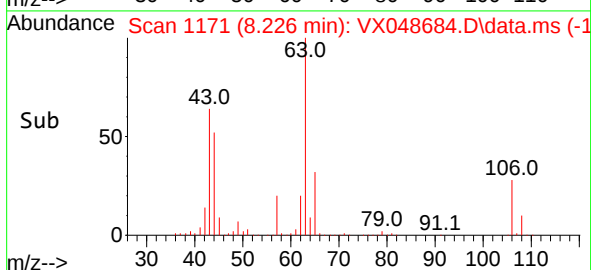
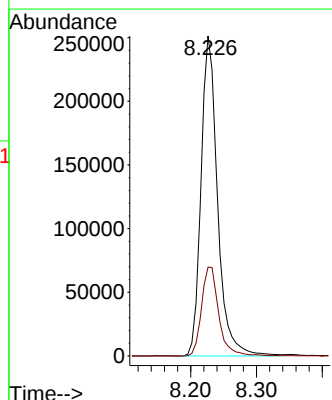
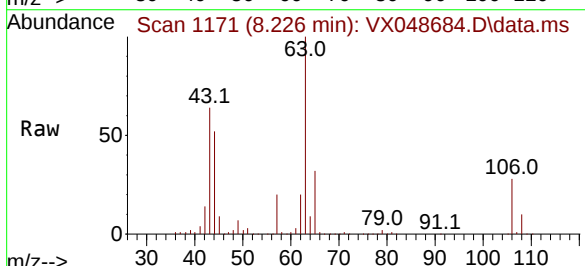
Acq: 25 Nov 2025 14:43

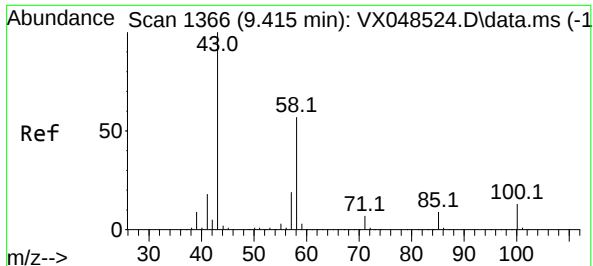
Tgt Ion: 63 Resp: 439256

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.4





#59

2-Hexanone

Concen: 309.377 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

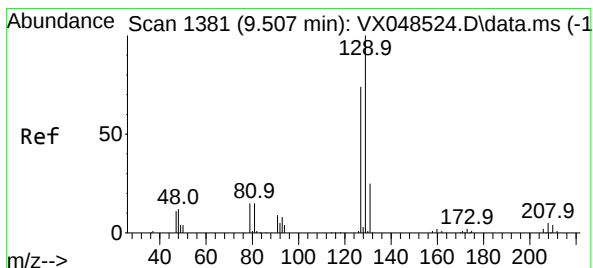
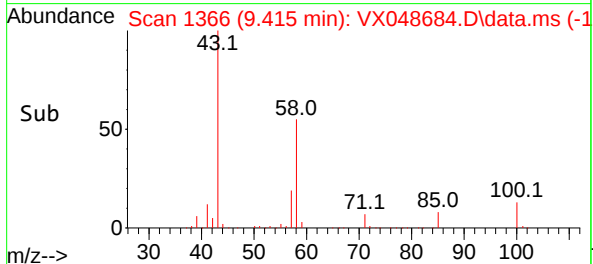
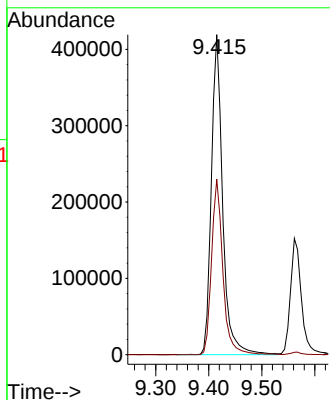
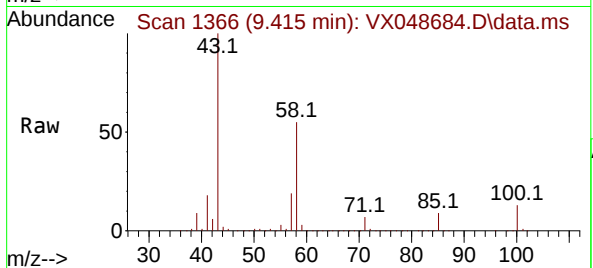
VSTDCCC050EC

Tgt Ion: 43 Resp: 619706

Ion Ratio Lower Upper

43 100

58 55.1 28.1 84.2



#60

Dibromochloromethane

Concen: 64.392 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048684.D

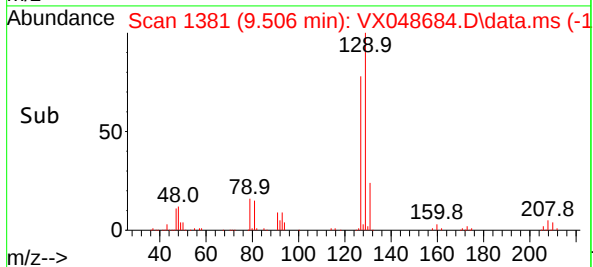
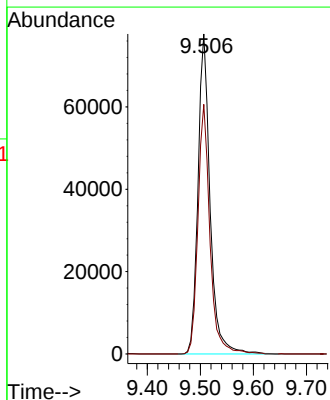
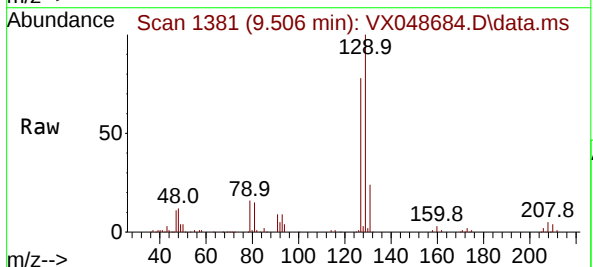
Acq: 25 Nov 2025 14:43

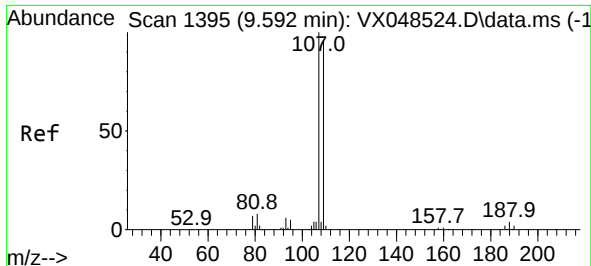
Tgt Ion: 129 Resp: 123241

Ion Ratio Lower Upper

129 100

127 77.6 38.0 114.0

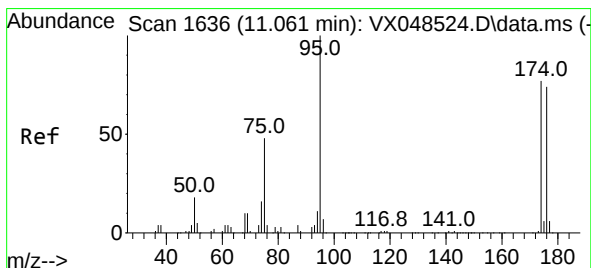
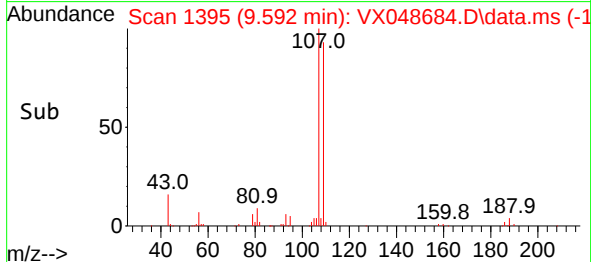
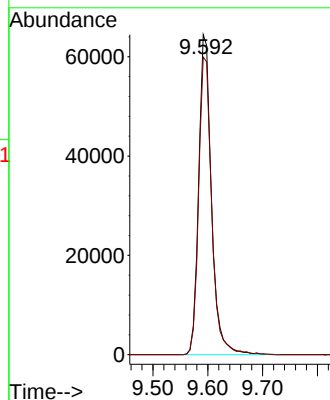
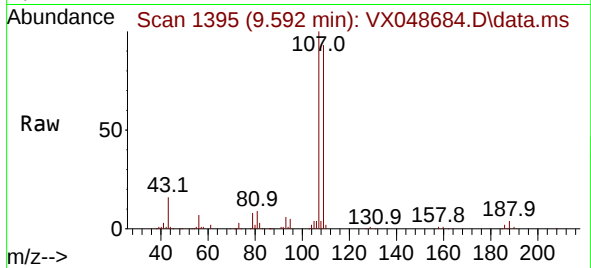




#61
1,2-Dibromoethane
Concen: 62.166 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

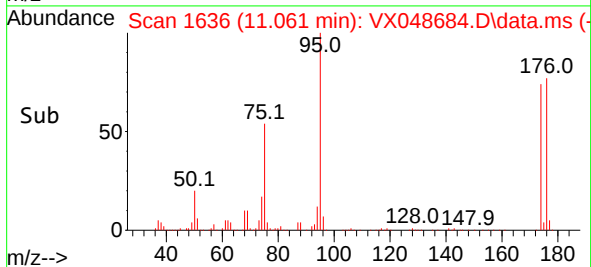
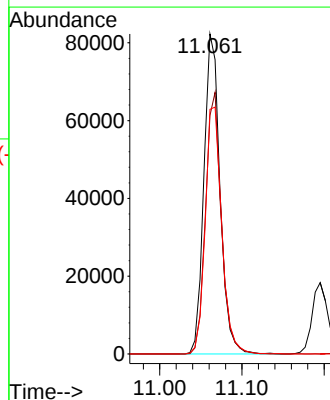
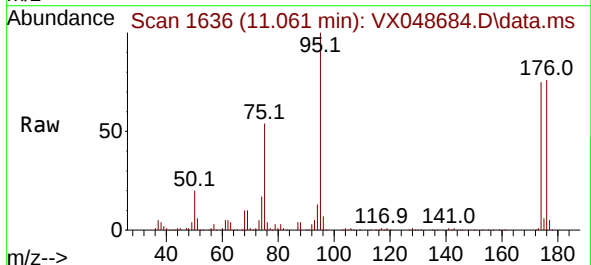
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

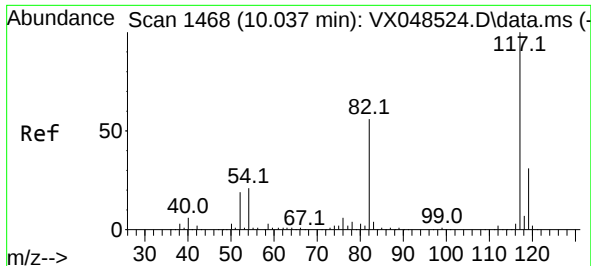
Tgt Ion:107 Resp: 104960
Ion Ratio Lower Upper
107 100
109 95.1 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 53.937 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 95 Resp: 111929
Ion Ratio Lower Upper
95 100
174 80.1 0.0 161.8
176 79.4 0.0 153.6

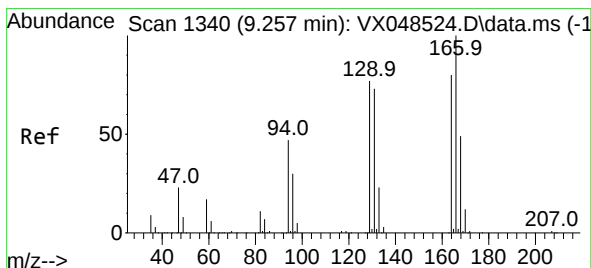
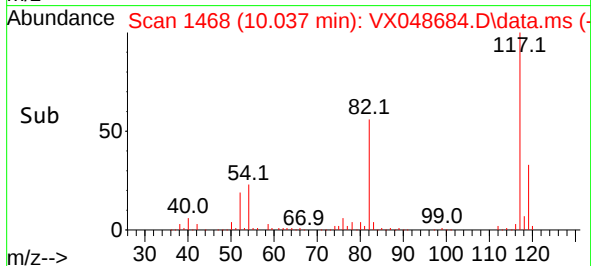
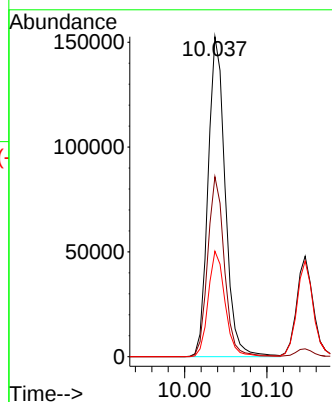
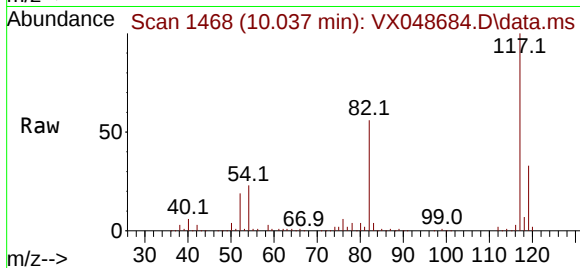




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

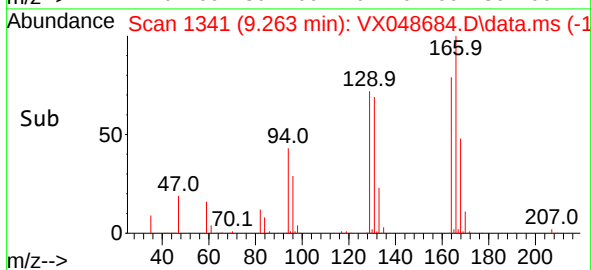
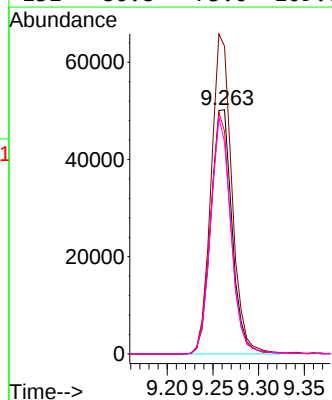
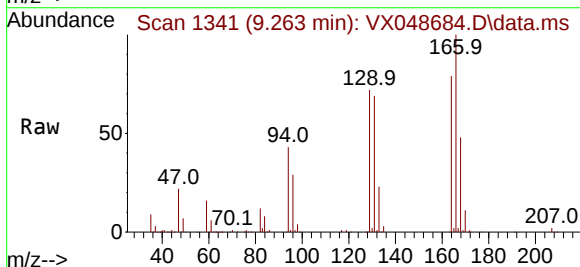
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

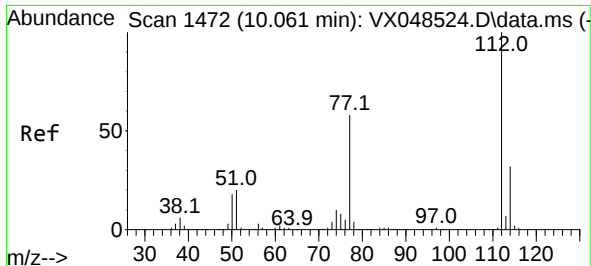
Tgt Ion:117 Resp: 220633
Ion Ratio Lower Upper
117 100
82 56.2 44.4 66.6
119 32.9 25.1 37.7



#64
Tetrachloroethene
Concen: 50.496 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion:164 Resp: 80921
Ion Ratio Lower Upper
164 100
166 126.1 100.6 150.8
129 91.2 77.6 116.4
131 86.8 73.0 109.6

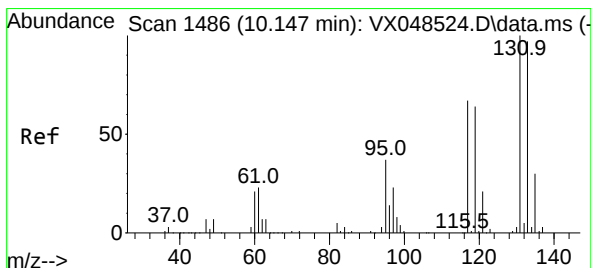
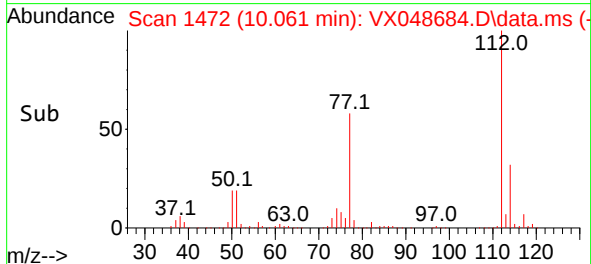
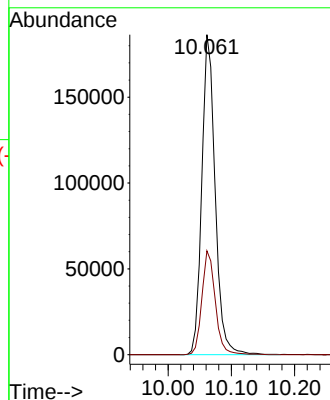
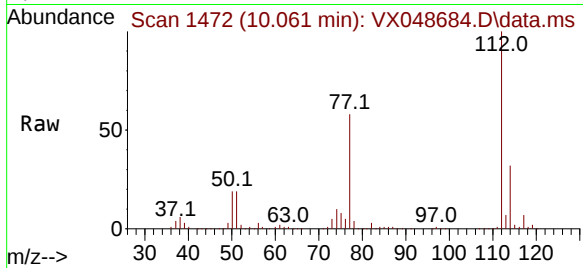




#65
Chlorobenzene
Concen: 52.339 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

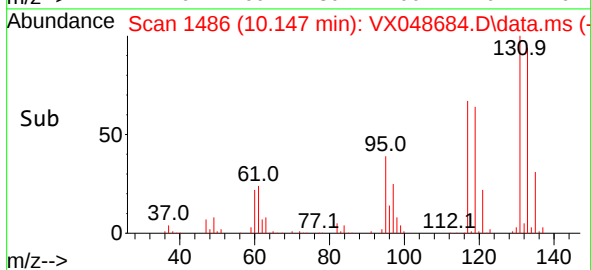
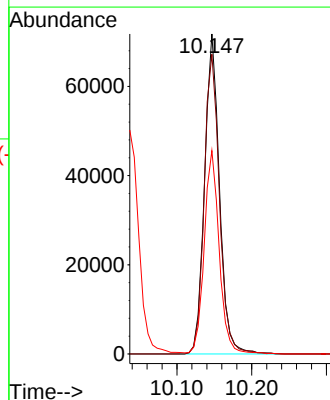
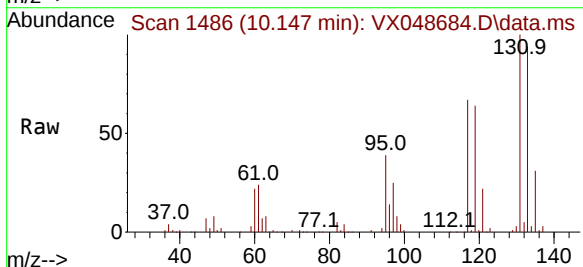
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

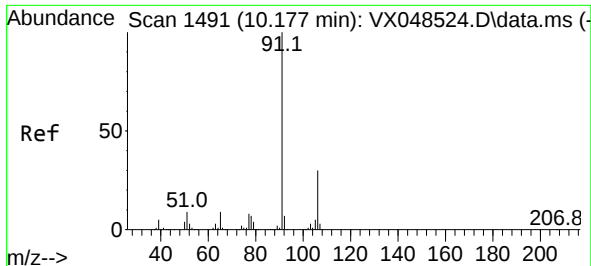
Tgt Ion:112 Resp: 274090
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 56.712 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion:131 Resp: 99511
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.7
119 64.0 32.8 98.3

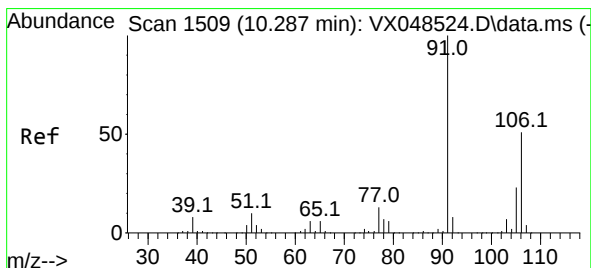
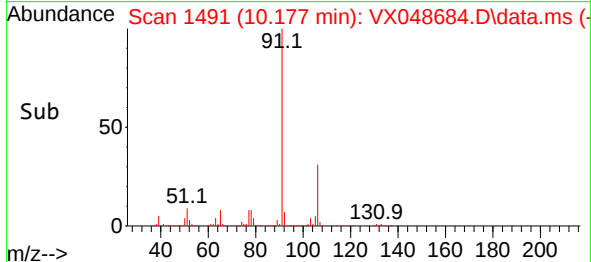
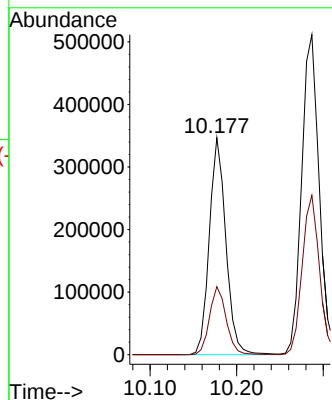
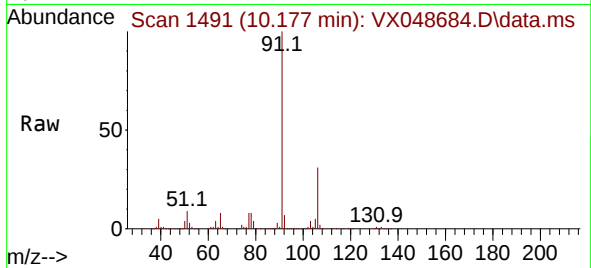




#67
Ethyl Benzene
Concen: 52.438 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

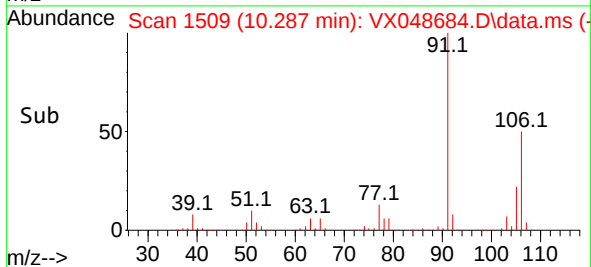
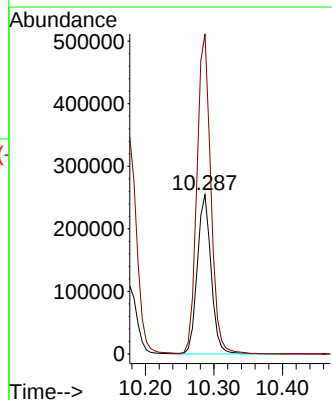
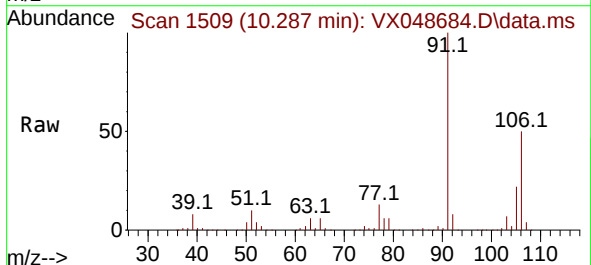
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

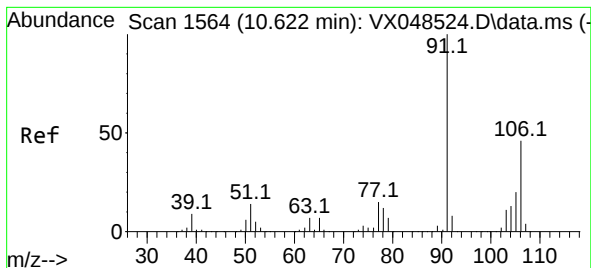
Tgt Ion: 91 Resp: 461128
Ion Ratio Lower Upper
91 100
106 31.3 24.1 36.1



#68
m/p-Xylenes
Concen: 107.844 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion:106 Resp: 357172
Ion Ratio Lower Upper
106 100
91 202.4 159.6 239.4





#69

o-Xylene

Concen: 54.129 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

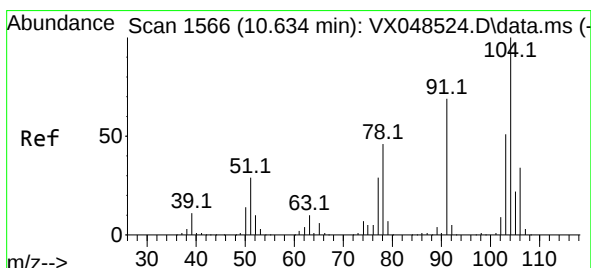
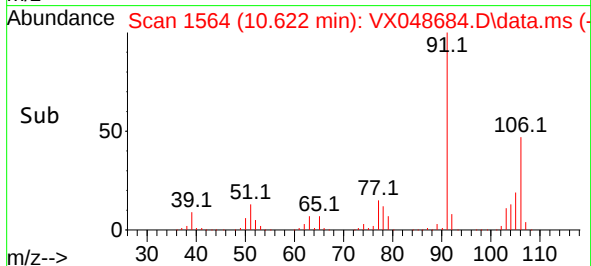
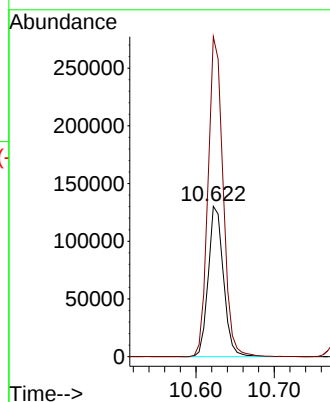
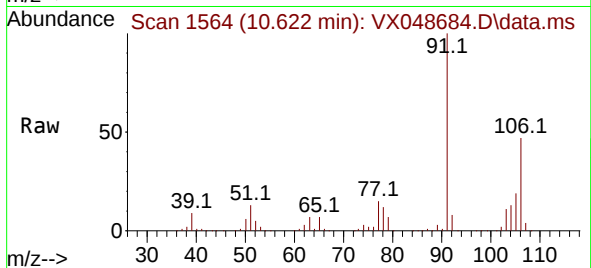
VSTDCCC050EC

Tgt Ion:106 Resp: 175399

Ion Ratio Lower Upper

106 100

91 210.5 106.4 319.2



#70

Styrene

Concen: 54.713 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

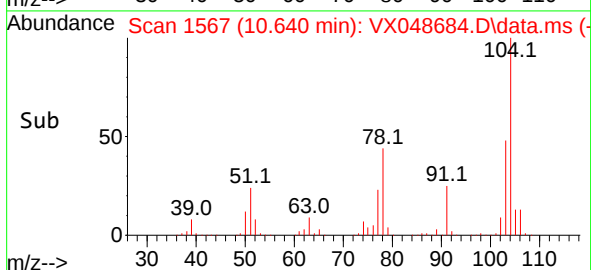
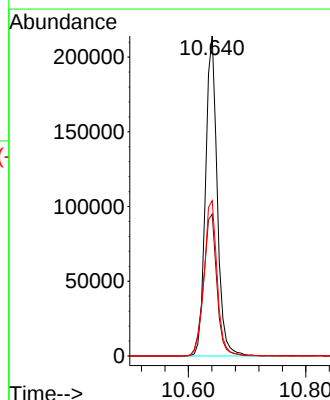
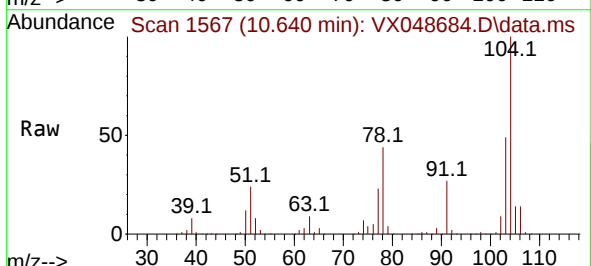
Tgt Ion:104 Resp: 297405

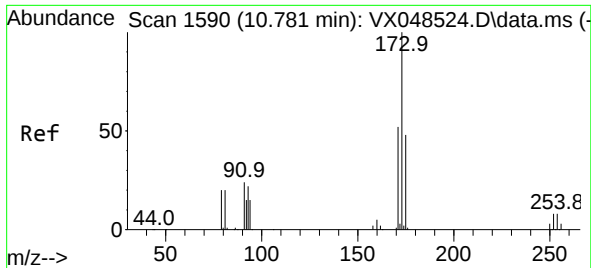
Ion Ratio Lower Upper

104 100

78 50.2 39.4 59.2

103 54.1 43.1 64.7

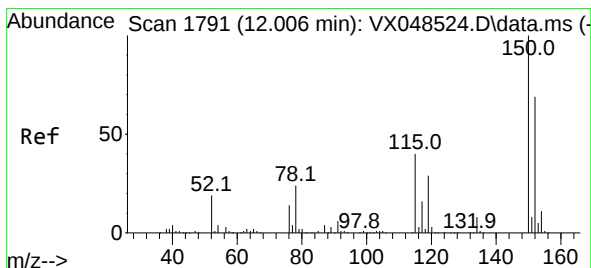
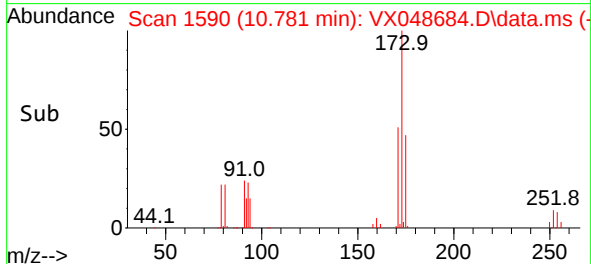
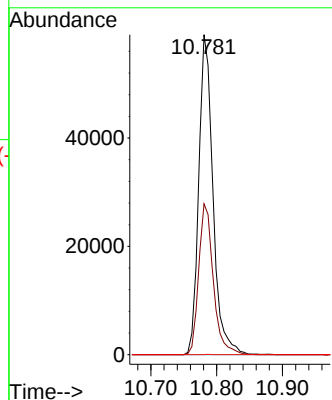
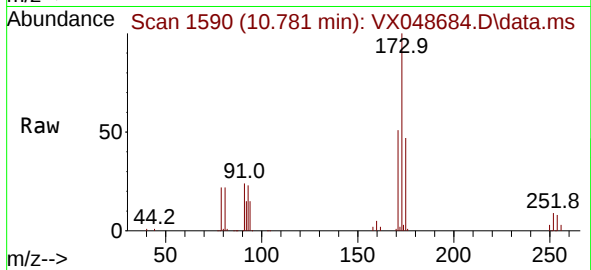




#71
Bromoform
Concen: 54.920 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

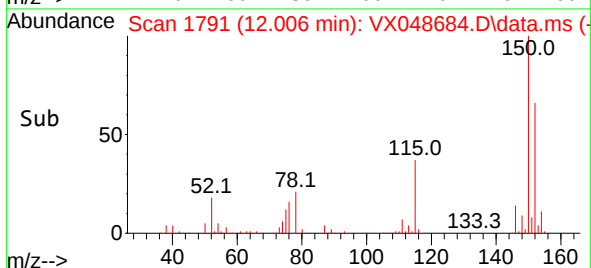
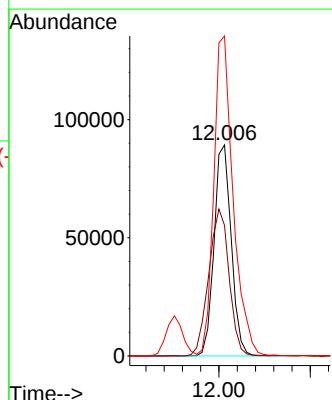
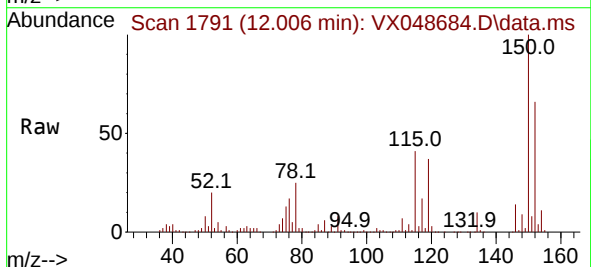
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

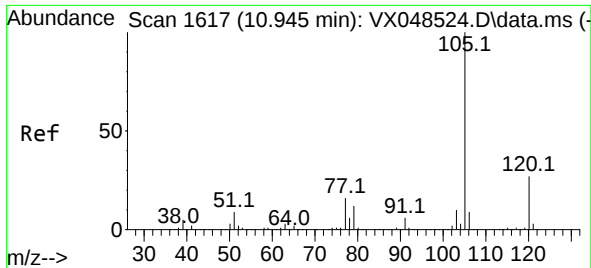
Tgt Ion:173 Resp: 88905
Ion Ratio Lower Upper
173 100
175 48.4 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion:152 Resp: 116525
Ion Ratio Lower Upper
152 100
115 82.7 39.2 117.6
150 170.7 0.0 347.0

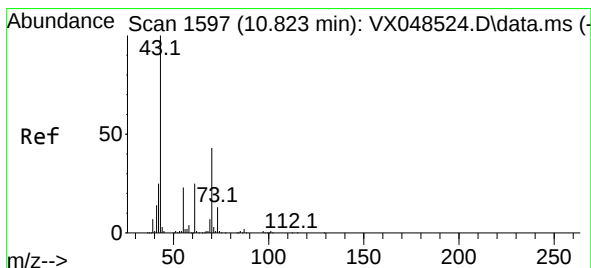
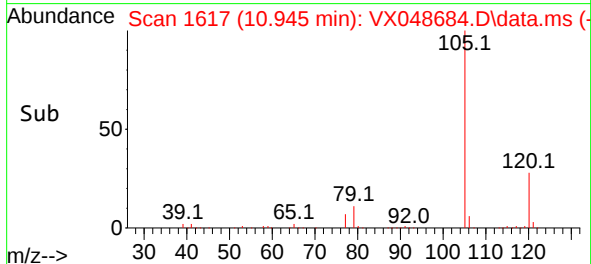
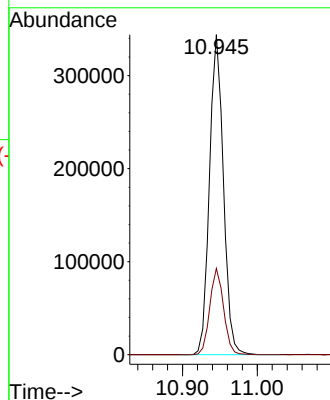
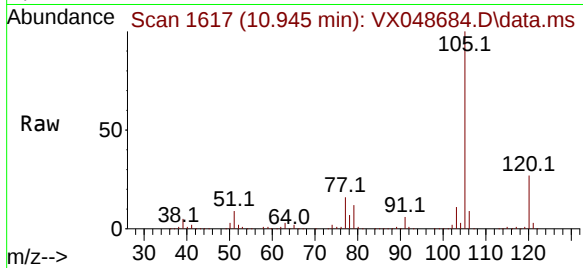




#73
Isopropylbenzene
Concen: 52.510 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

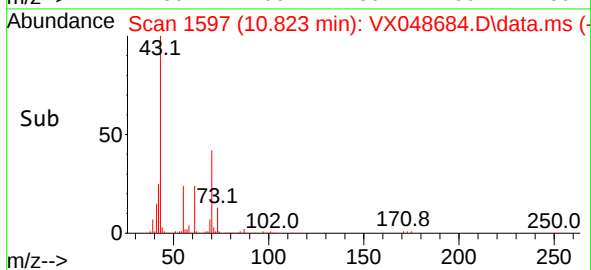
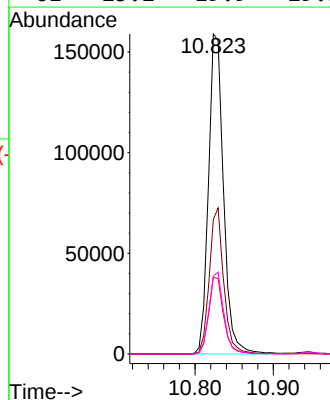
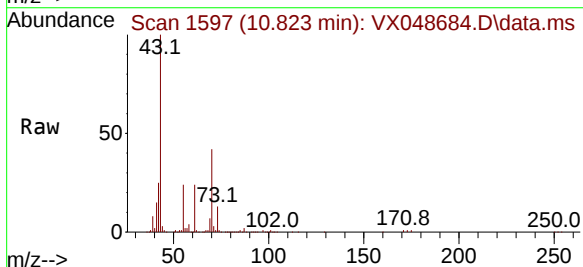
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

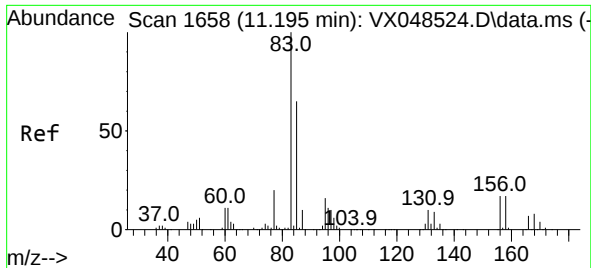
Tgt Ion:105 Resp: 444135
Ion Ratio Lower Upper
105 100
120 26.6 13.6 40.7



#74
N-ethyl acetate
Concen: 49.781 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 43 Resp: 211416
Ion Ratio Lower Upper
43 100
70 43.6 35.1 52.7
55 24.0 19.3 28.9
61 25.2 19.9 29.9

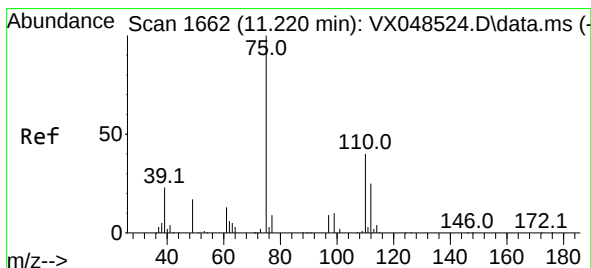
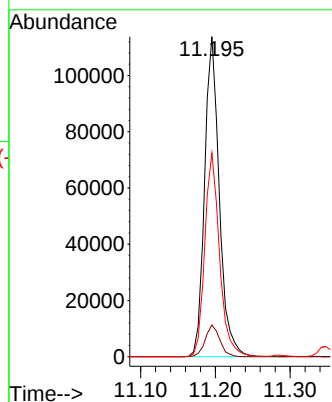
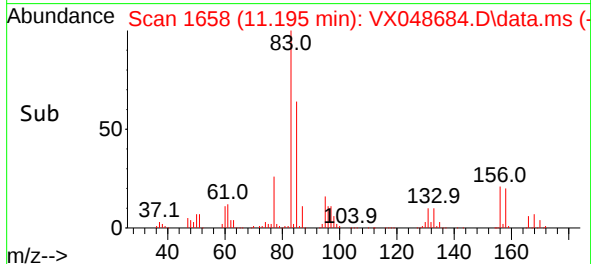
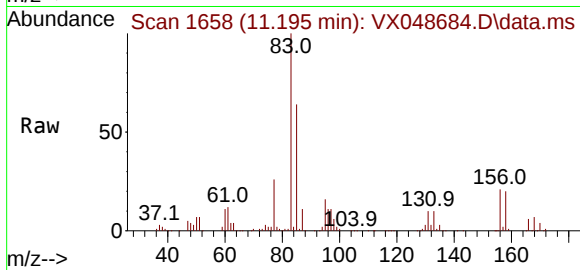




#75
1,1,2,2-Tetrachloroethane
Concen: 52.056 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

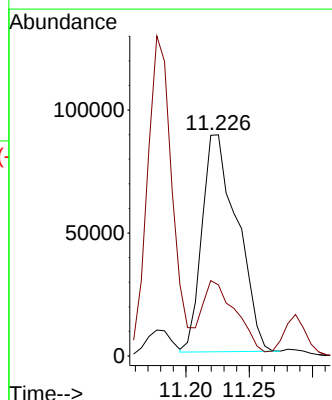
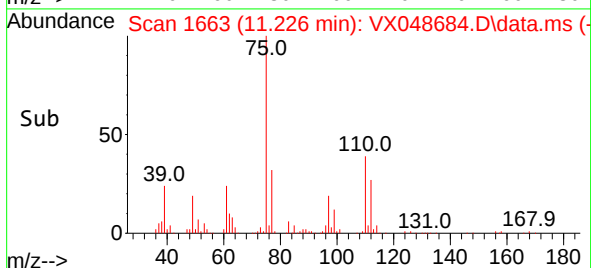
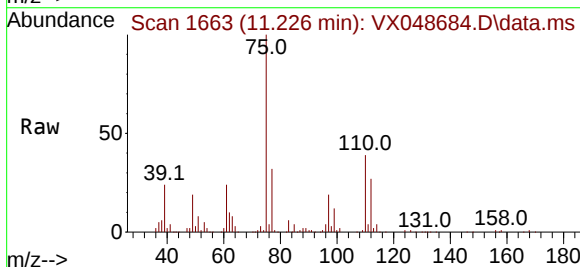
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

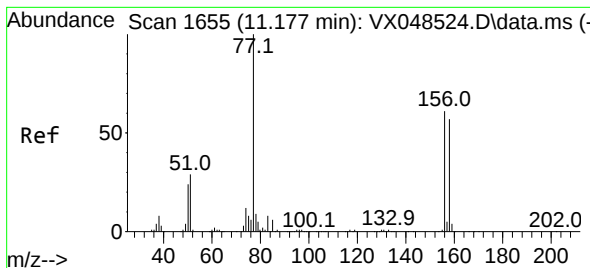
Tgt Ion: 83 Resp: 155271
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 64.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 61.148 ug/l
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 75 Resp: 171658
Ion Ratio Lower Upper
75 100
77 32.5 24.3 72.8





#77

Bromobenzene

Concen: 52.584 ug/l

RT: 11.183 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

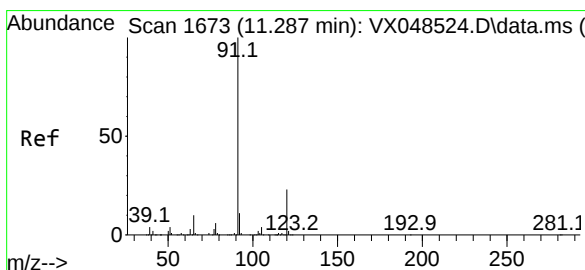
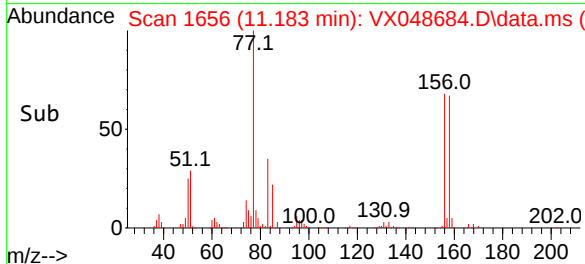
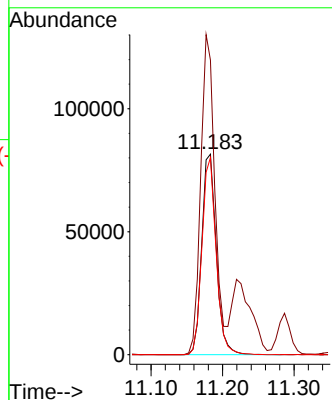
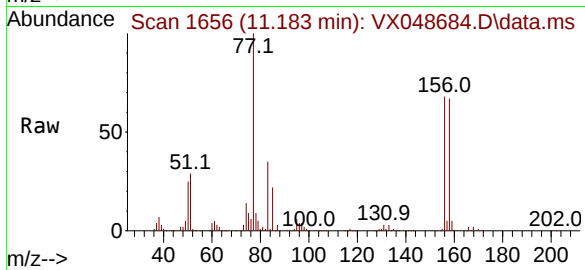
Tgt Ion:156 Resp: 114848

Ion Ratio Lower Upper

156 100

77 156.6 78.1 234.4

158 96.2 48.5 145.5



#78

n-propylbenzene

Concen: 52.767 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048684.D

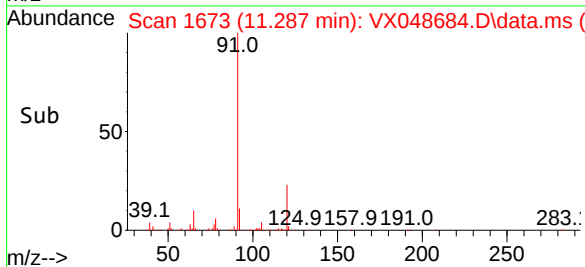
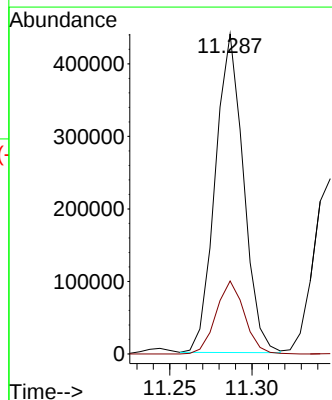
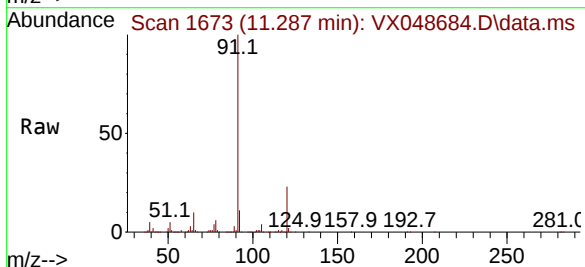
Acq: 25 Nov 2025 14:43

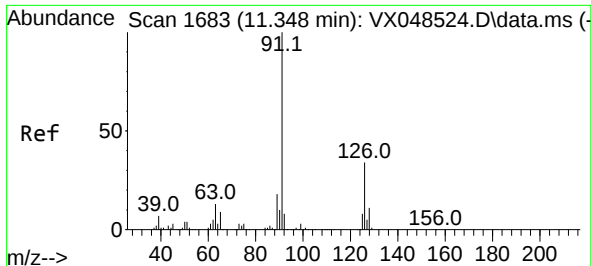
Tgt Ion: 91 Resp: 524794

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8

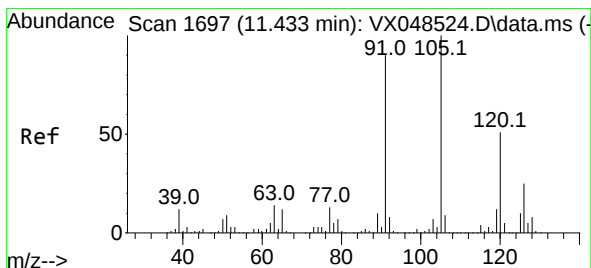
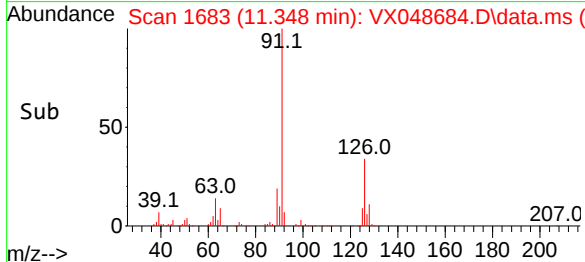
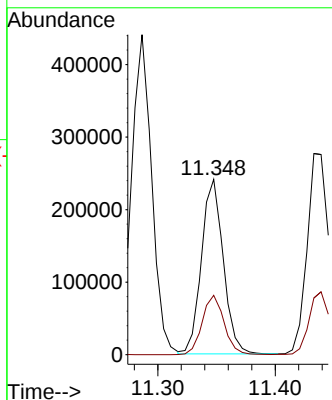
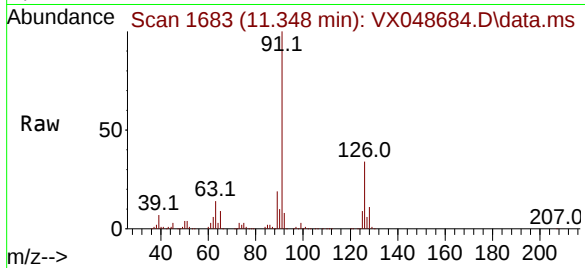




#79
2-Chlorotoluene
Concen: 51.603 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

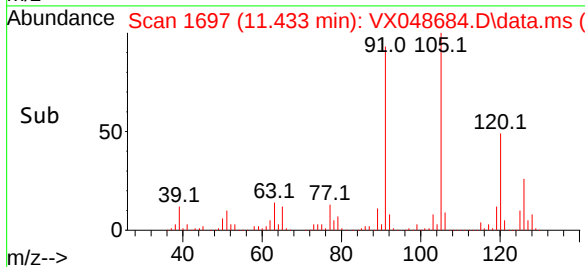
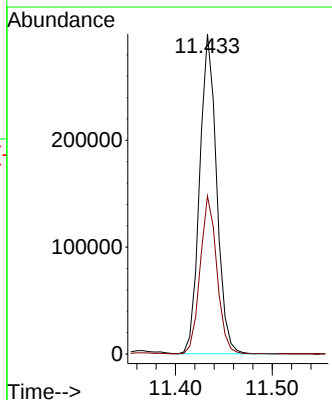
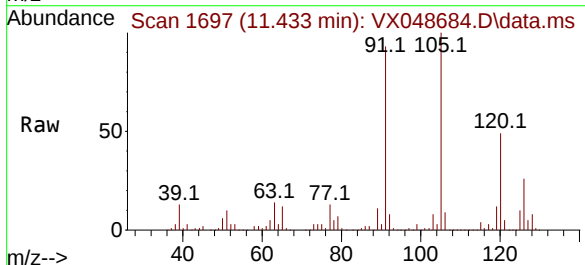
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

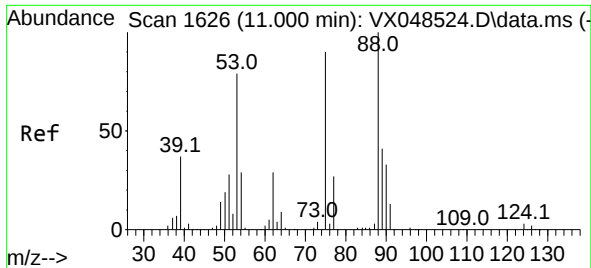
Tgt Ion: 91 Resp: 310116
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 52.898 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 105 Resp: 364744
Ion Ratio Lower Upper
105 100
120 48.8 25.1 75.2

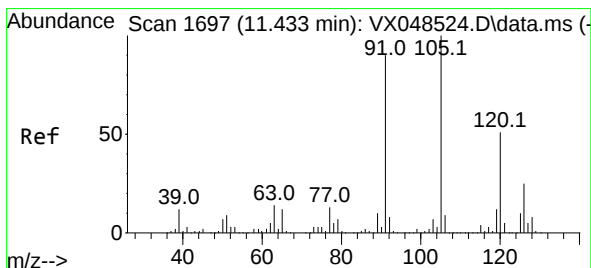
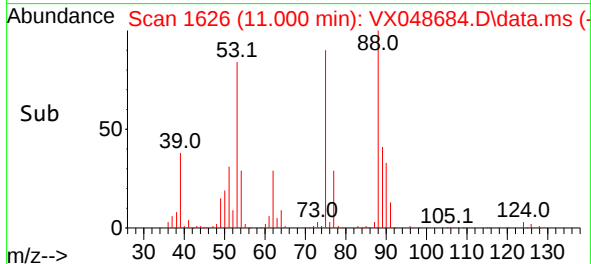
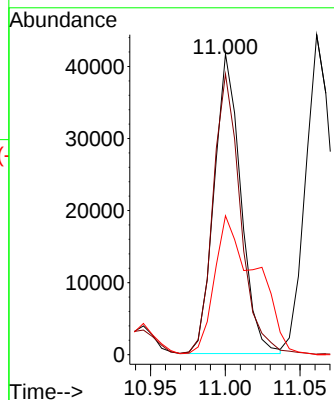
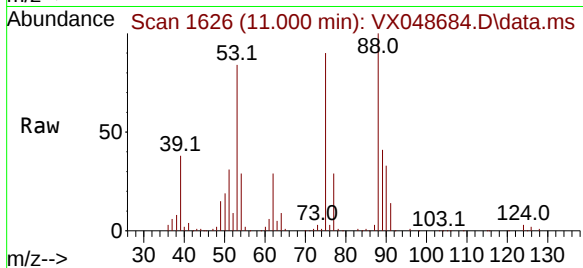




#81
trans-1,4-Dichloro-2-butene
Concen: 52.497 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

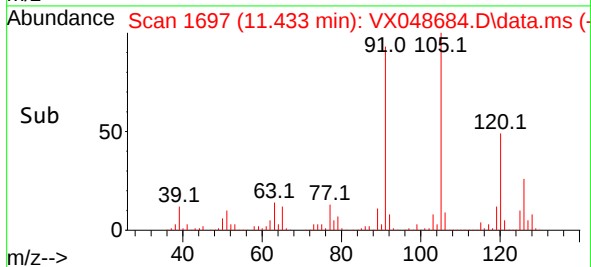
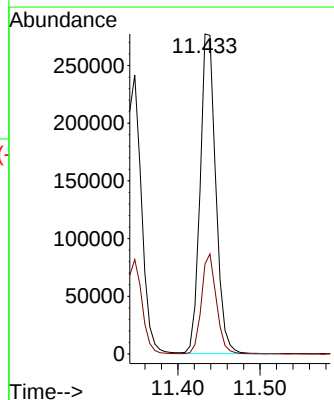
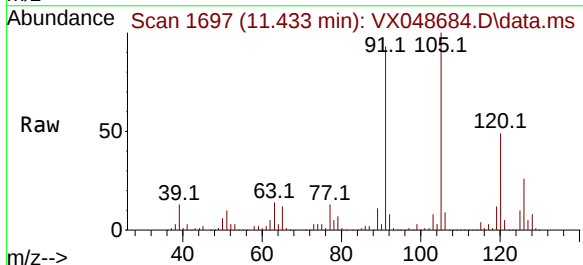
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

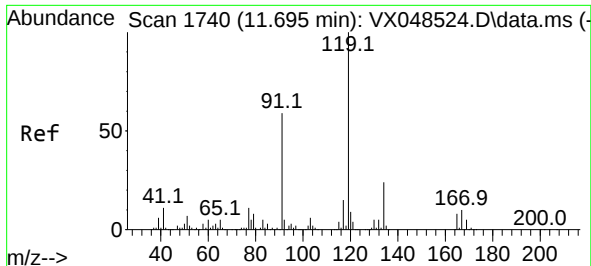
Tgt Ion: 75 Resp: 51523
Ion Ratio Lower Upper
75 100
53 97.4 72.4 108.6
89 72.5 43.6 65.4#



#82
4-Chlorotoluene
Concen: 52.181 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 91 Resp: 367845
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.7

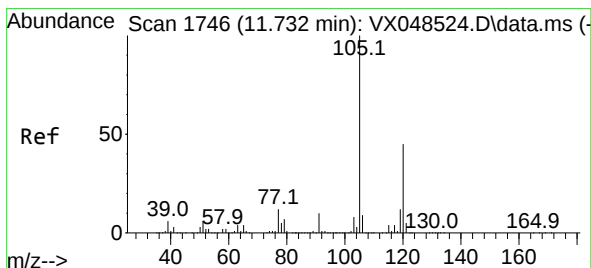
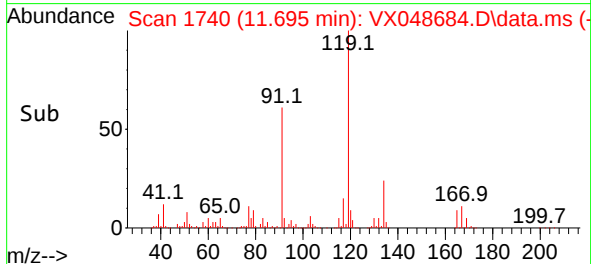
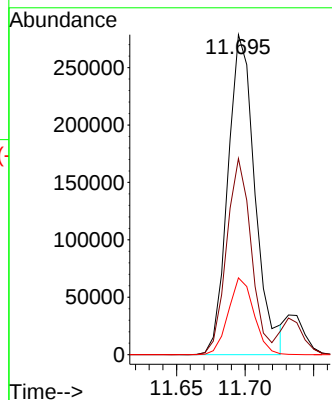
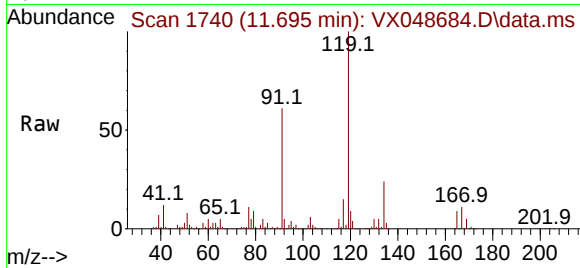




#83
tert-Butylbenzene
Concen: 53.958 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

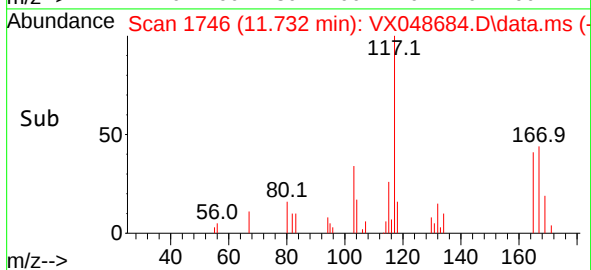
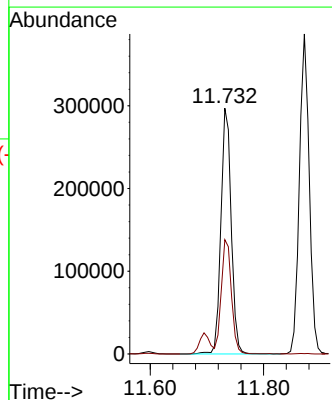
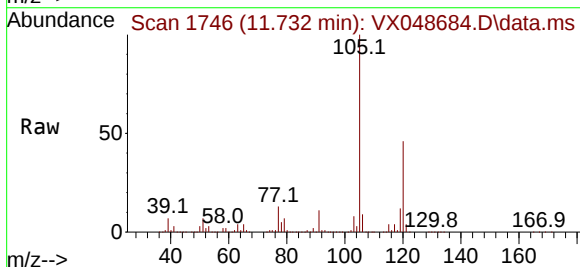
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

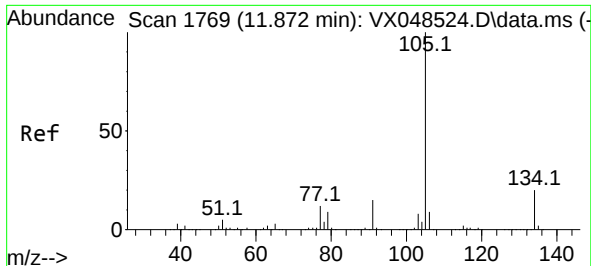
Tgt Ion:119 Resp: 384819
Ion Ratio Lower Upper
119 100
91 55.9 27.1 81.3
134 22.6 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 53.671 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion:105 Resp: 373397
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.0

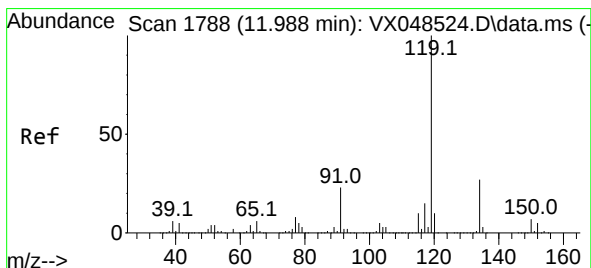
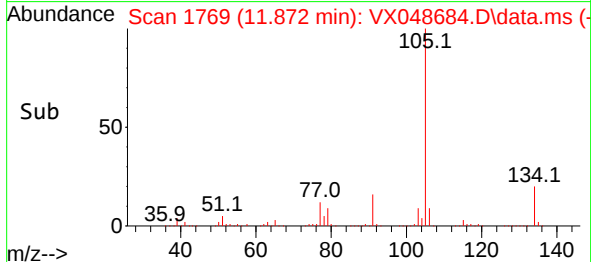
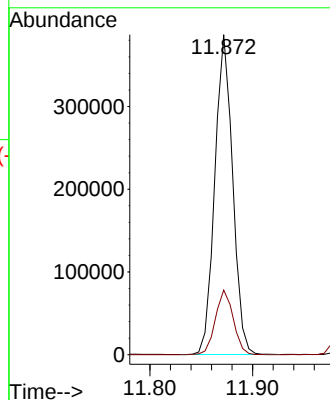
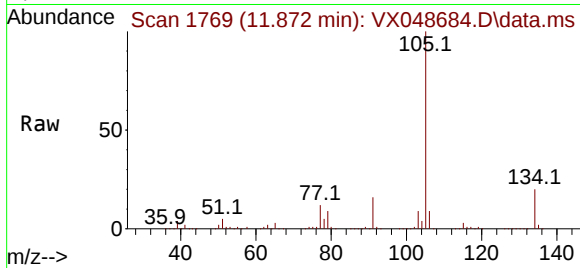




#85
 sec-Butylbenzene
 Concen: 52.718 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048684.D
 Acq: 25 Nov 2025 14:43

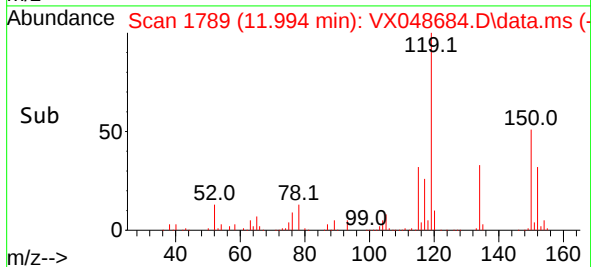
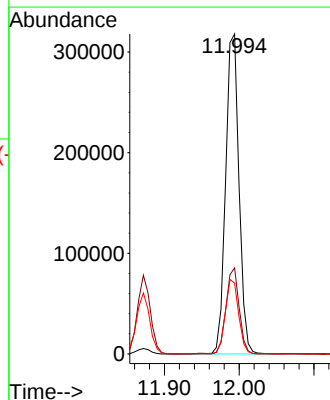
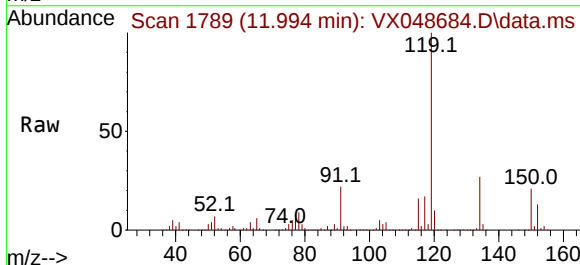
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

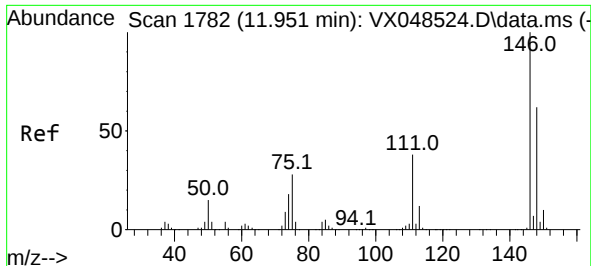
Tgt Ion:105 Resp: 464683
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 53.430 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048684.D
 Acq: 25 Nov 2025 14:43

Tgt Ion:119 Resp: 395944
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 23.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.899 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

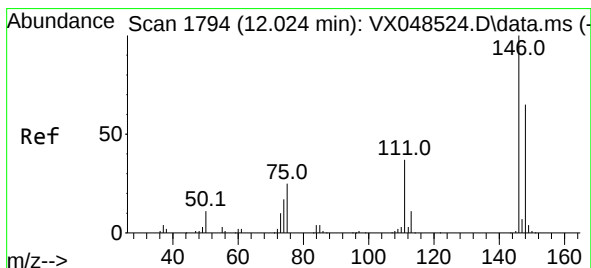
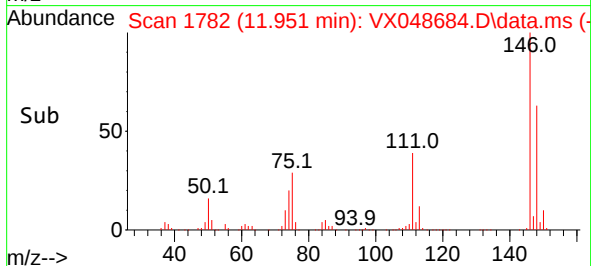
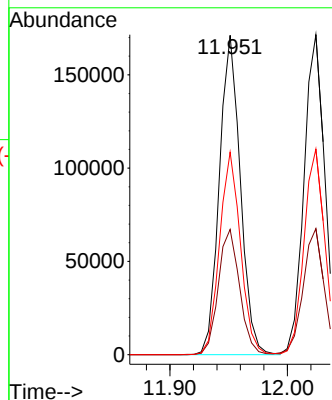
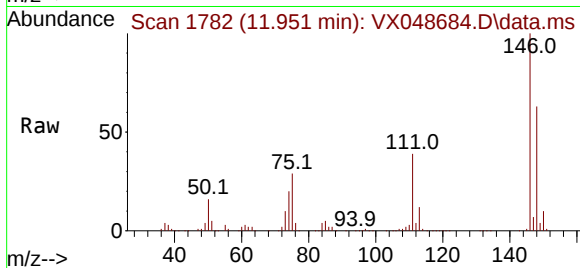
Tgt Ion:146 Resp: 212448

Ion Ratio Lower Upper

146 100

111 39.9 19.8 59.4

148 63.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 50.357 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

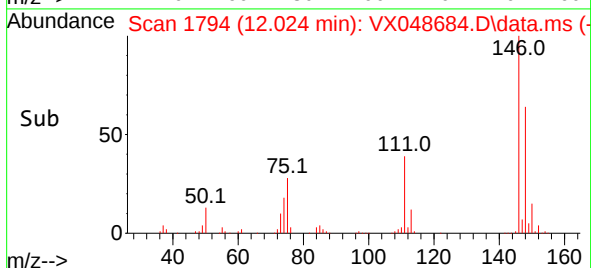
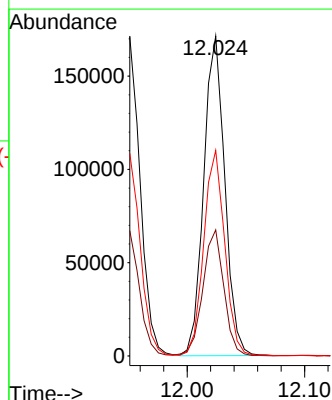
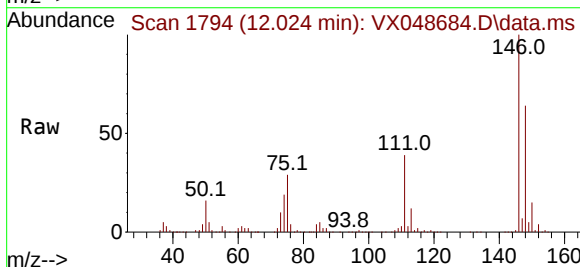
Tgt Ion:146 Resp: 212920

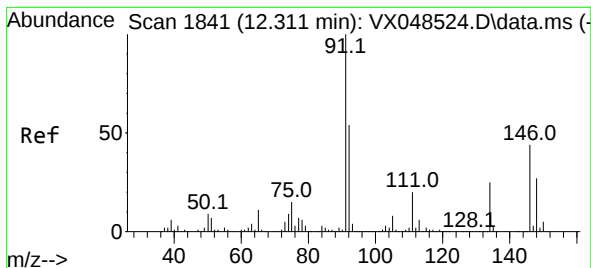
Ion Ratio Lower Upper

146 100

111 39.3 19.2 57.6

148 64.0 31.9 95.9

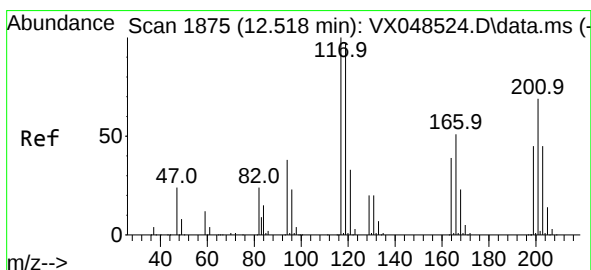
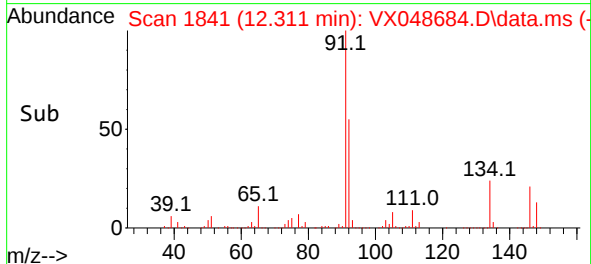
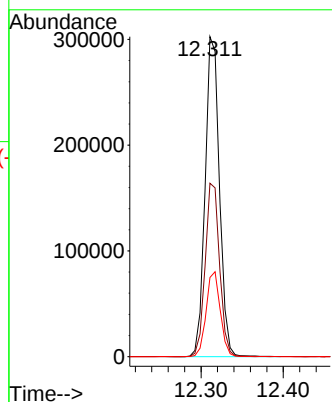
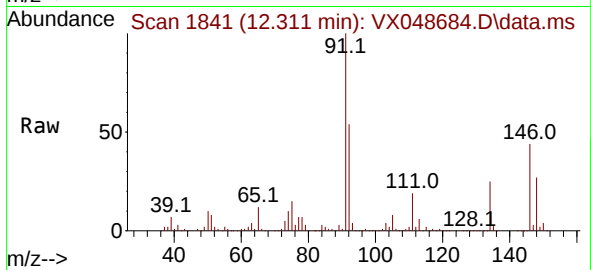




#89
n-Butylbenzene
Concen: 52.597 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

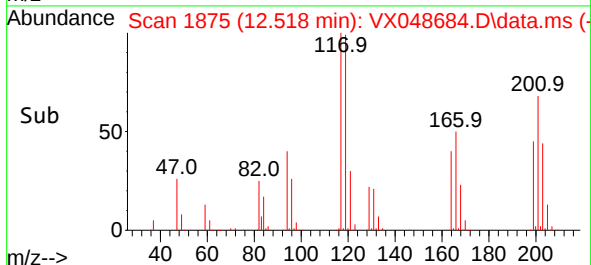
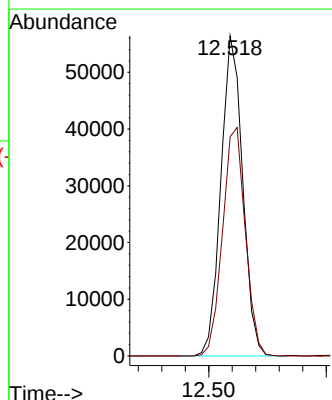
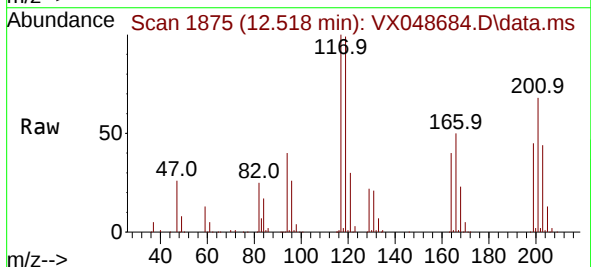
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

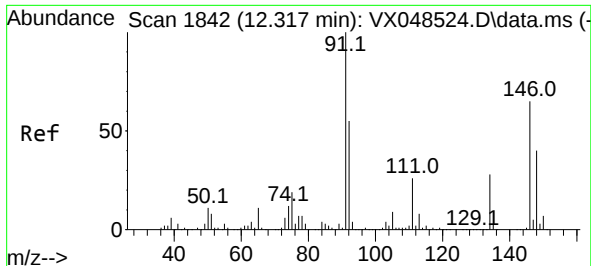
Tgt Ion: 91 Resp: 365646
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.5
134 26.2 13.0 39.0



#90
Hexachloroethane
Concen: 51.327 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion: 117 Resp: 72469
Ion Ratio Lower Upper
117 100
201 74.9 35.9 107.8





#91

1,2-Dichlorobenzene

Concen: 52.313 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

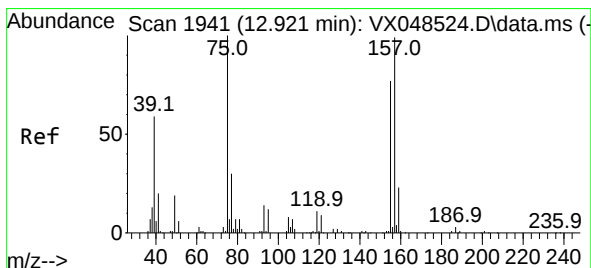
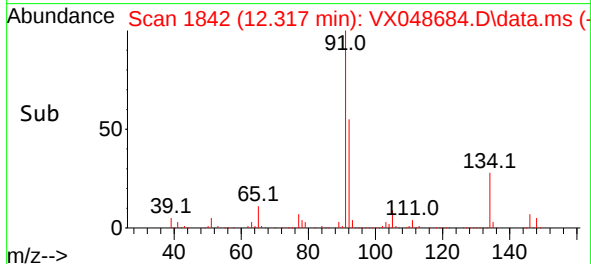
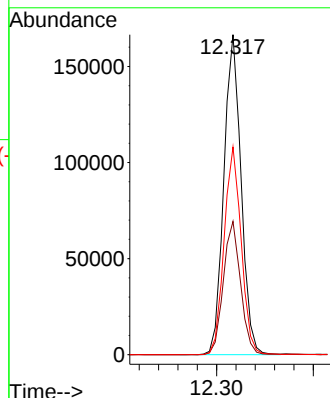
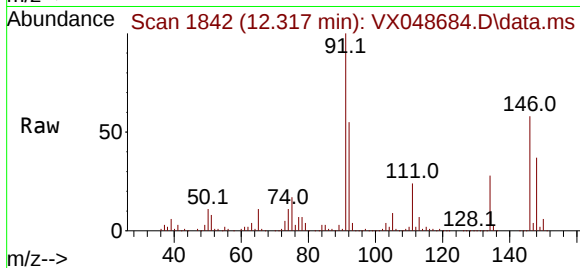
Tgt Ion:146 Resp: 205571

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

148 64.3 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.230 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VX048684.D

Acq: 25 Nov 2025 14:43

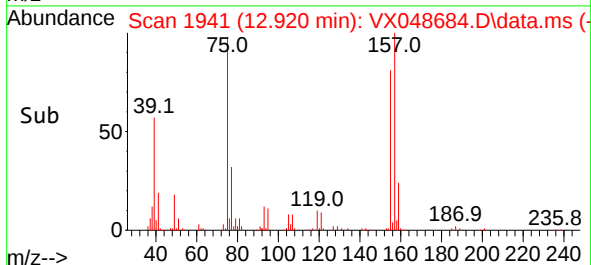
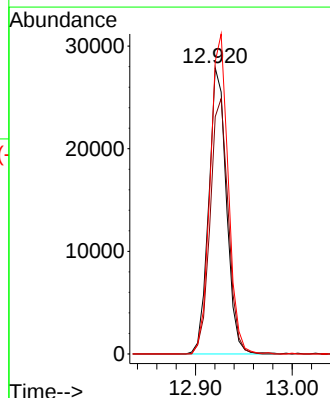
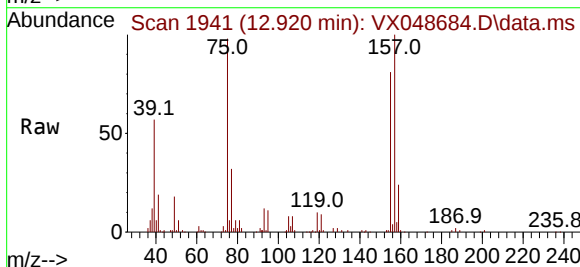
Tgt Ion: 75 Resp: 35511

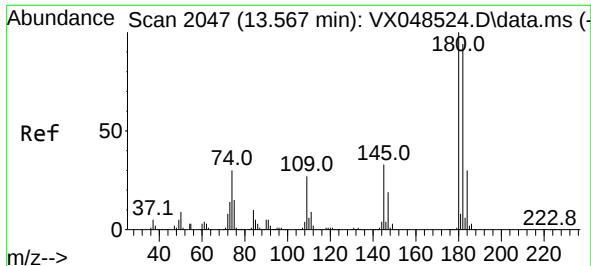
Ion Ratio Lower Upper

75 100

155 91.2 43.5 130.7

157 113.6 54.8 164.4

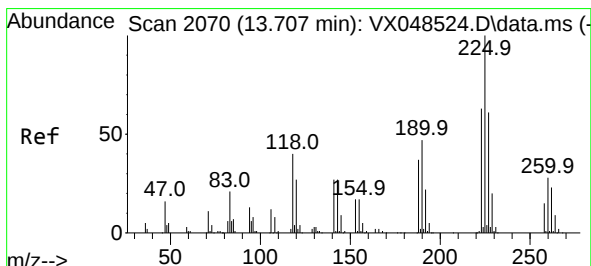
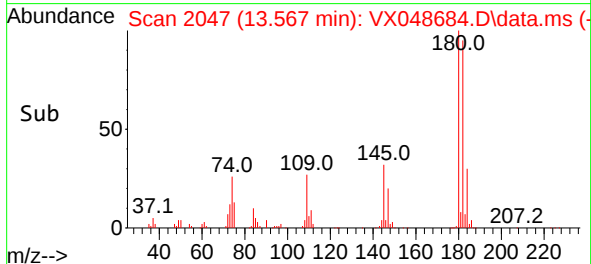
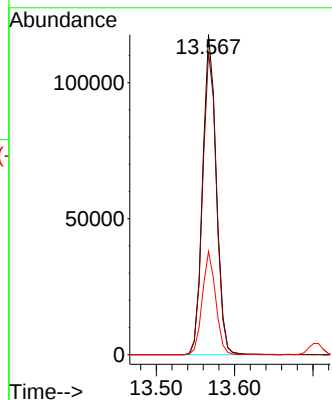
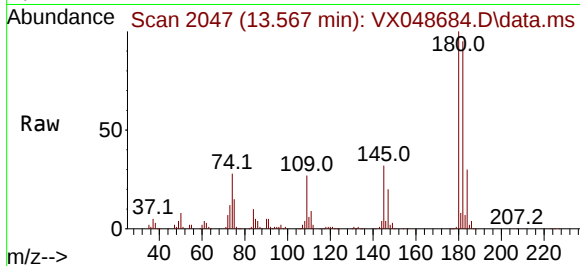




#93
1,2,4-Trichlorobenzene
Concen: 54.430 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

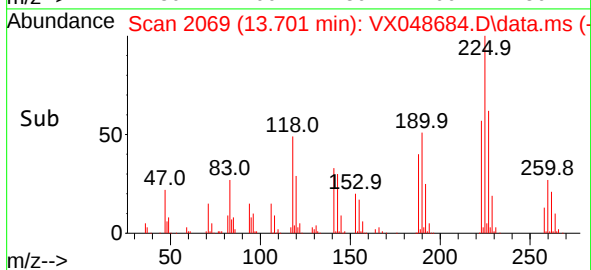
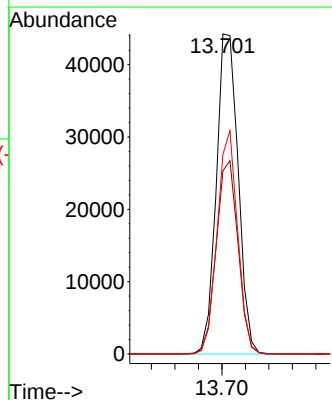
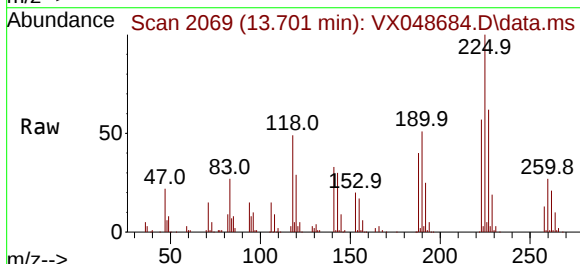
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

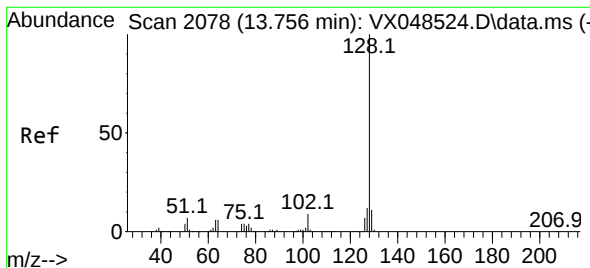
Tgt Ion:180 Resp: 142133
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 31.6 15.9 47.7



#94
Hexachlorobutadiene
Concen: 52.322 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion:225 Resp: 57115
Ion Ratio Lower Upper
225 100
223 60.4 30.6 92.0
227 65.1 32.5 97.4

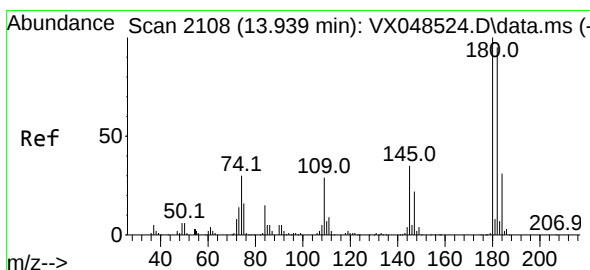
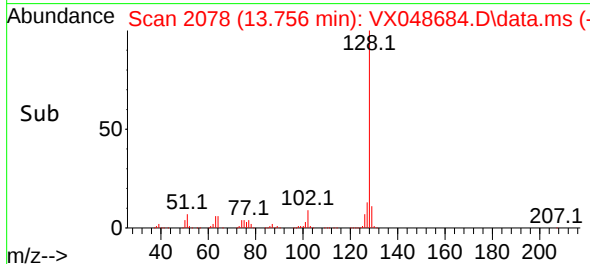
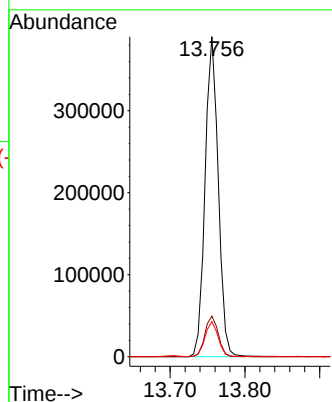
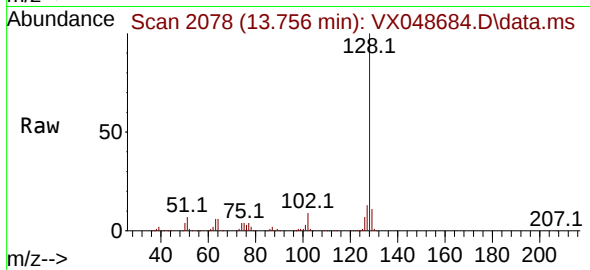




#95
Naphthalene
Concen: 56.758 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 476527
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.134 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048684.D
Acq: 25 Nov 2025 14:43

Tgt Ion:180 Resp: 131487
Ion Ratio Lower Upper
180 100
182 92.5 47.3 142.0
145 33.1 16.7 50.0

