

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048892.D
 Acq On : 16 Dec 2025 16:29
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Dec 17 03:25:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	109677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	184490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	155462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	63861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	76275	41.606	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.220%
35) Dibromofluoromethane	5.373	113	62227	45.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.760%
50) Toluene-d8	8.635	98	228313	46.636	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.280%
62) 4-Bromofluorobenzene	11.061	95	66652	37.921	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	75.840%#

Target Compounds				Qvalue		
3) Chloromethane	1.301	50	536	0.340	ug/l	96
5) Bromomethane	1.624	94	731	0.758	ug/l #	80
10) Methyl Iodide	2.471	142	2392	1.448	ug/l #	93
13) Acrolein	2.239	56	140	1.244	ug/l	88
15) Acrylonitrile	3.087	53	530	0.915	ug/l #	66
16) Acetone	2.373	43	592	1.533	ug/l	97
17) Carbon Disulfide	2.520	76	3230	0.934	ug/l #	93
20) Methylene Chloride	2.788	84	621	0.389	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	426	0.331	ug/l #	41
23) Vinyl Acetate	3.739	43	1075	0.281	ug/l #	70
25) 2-Butanone	4.568	43	202	0.333	ug/l #	46
29) Tetrahydrofuran	5.001	42	178	0.409	ug/l #	30
38) Carbon Tetrachloride	5.538	117	11805	5.755	ug/l #	14
39) Methylcyclohexane	7.354	83	474	0.245	ug/l #	87
44) Trichloroethene	7.123	130	590	0.415	ug/l	67
46) Dibromomethane	7.574	93	217	0.214	ug/l #	75
51) 4-Methyl-2-Pentanone	8.561	43	915	0.600	ug/l #	82
53) t-1,3-Dichloropropene	8.970	75	562	0.259	ug/l #	75
54) cis-1,3-Dichloropropene	8.366	75	511	0.217	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.238	63	547	0.507	ug/l #	84
59) 2-Hexanone	9.433	43	690	0.665	ug/l	62
64) Tetrachloroethene	9.262	164	462	0.462	ug/l #	65
65) Chlorobenzene	10.061	112	1118	0.321	ug/l	96
67) Ethyl Benzene	10.183	91	1237	0.209	ug/l #	87
68) m/p-Xylenes	10.287	106	993	0.456	ug/l	98
70) Styrene	10.640	104	937	0.262	ug/l #	84
71) Bromoform	10.781	173	236	0.254	ug/l #	29
73) Isopropylbenzene	10.945	105	1010	0.232	ug/l	96
76) 1,2,3-Trichloropropane	11.061	75	34945	34.033	ug/l #	30
77) Bromobenzene	11.183	156	585	0.525	ug/l	87
78) n-propylbenzene	11.293	91	2828	0.536	ug/l	94
79) 2-Chlorotoluene	11.347	91	1305	0.400	ug/l	87
80) 1,3,5-Trimethylbenzene	11.433	105	1123	0.314	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.061	75	34945	86.435	ug/l #	3
82) 4-Chlorotoluene	11.439	91	2136	0.572	ug/l	93
83) tert-Butylbenzene	11.701	119	1131	0.306	ug/l	98

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

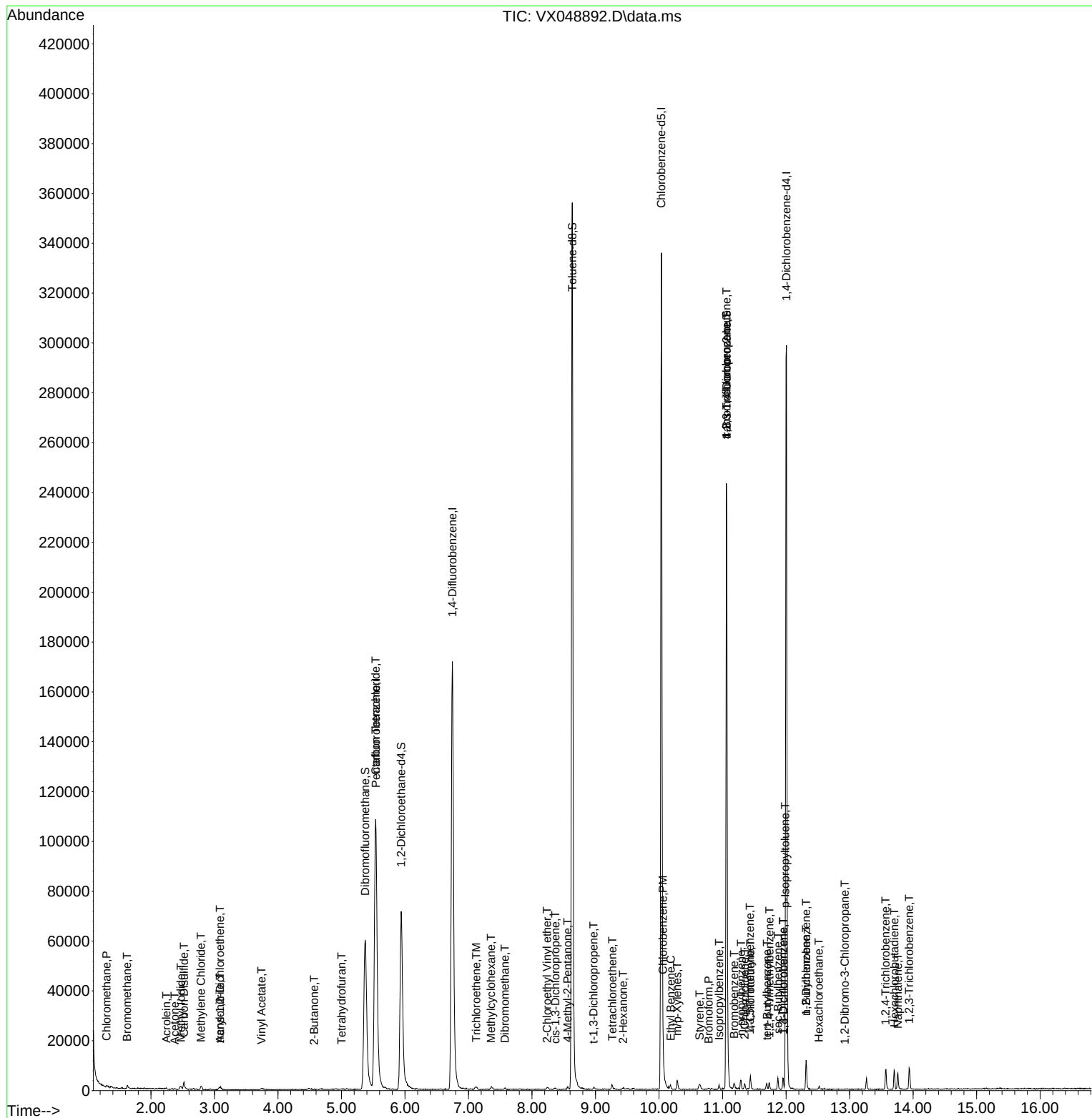
84) 1,2,4-Trimethylbenzene	11.738	105	1378	0.381	ug/l	96
85) sec-Butylbenzene	11.872	105	2422	0.531	ug/l	94
86) p-Isopropyltoluene	11.988	119	2131	0.570	ug/l	86
87) 1,3-Dichlorobenzene	11.957	146	1679	0.803	ug/l	95
88) 1,4-Dichlorobenzene	11.957	146	1679	0.766	ug/l	93
89) n-Butylbenzene	12.317	91	4096	1.146	ug/l	96
90) Hexachloroethane	12.518	117	254	0.316	ug/l	86
91) 1,2-Dichlorobenzene	12.317	146	1219	0.590	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.926	75	50	0.218	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.567	180	2292	1.929	ug/l	99
94) Hexachlorobutadiene	13.707	225	1118	2.179	ug/l	92
95) Naphthalene	13.762	128	4652	1.550	ug/l	96
96) 1,2,3-Trichlorobenzene	13.938	180	2200	2.060	ug/l	95

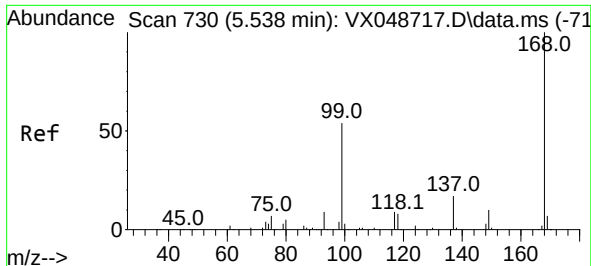
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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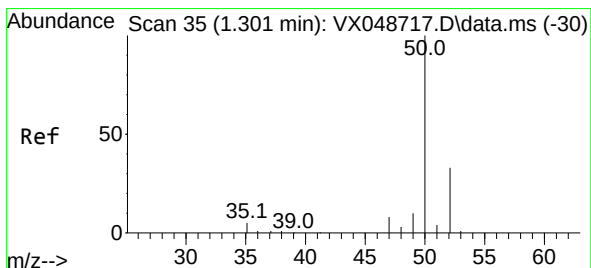
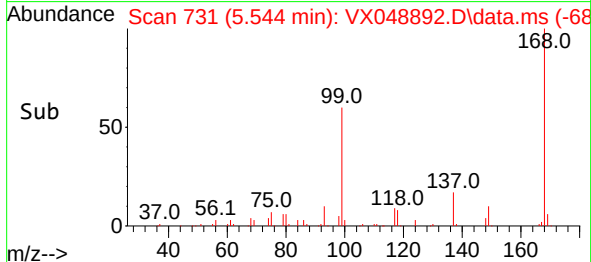
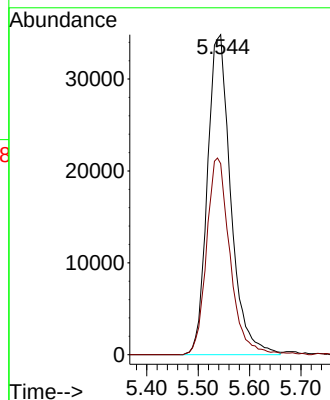
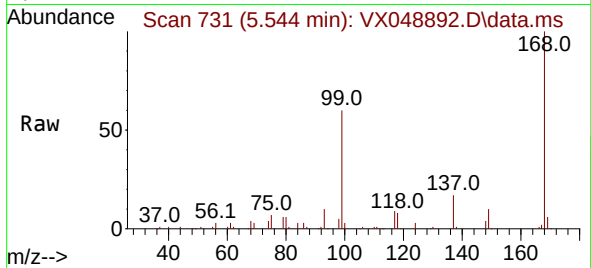




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

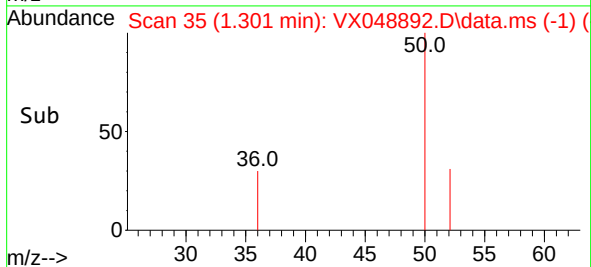
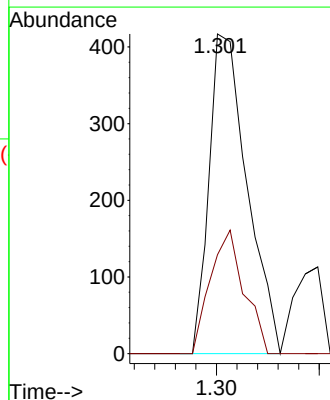
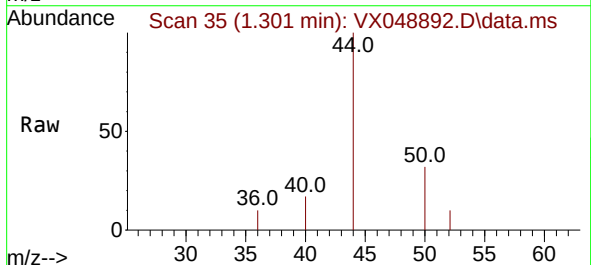
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

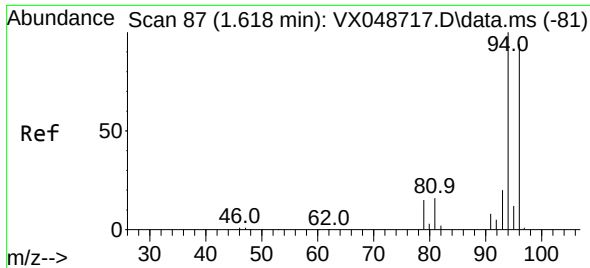
Tgt Ion:168 Resp: 109677
Ion Ratio Lower Upper
168 100
99 59.7 44.2 66.4



#3
Chloromethane
Concen: 0.340 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion: 50 Resp: 536
Ion Ratio Lower Upper
50 100
52 30.9 26.4 39.6

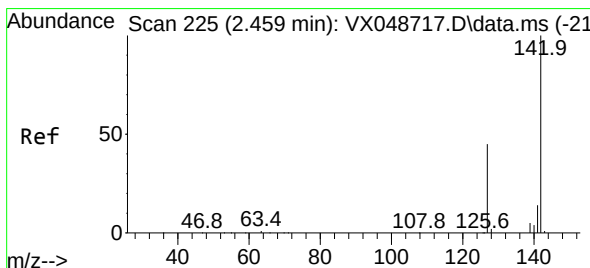
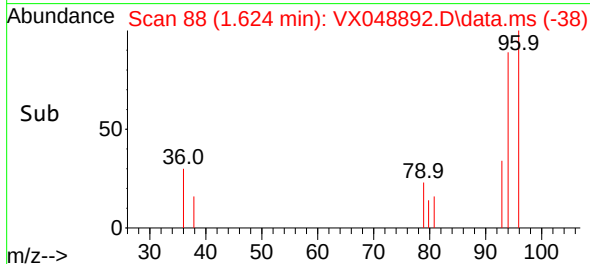
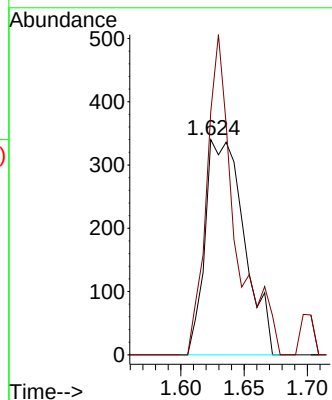
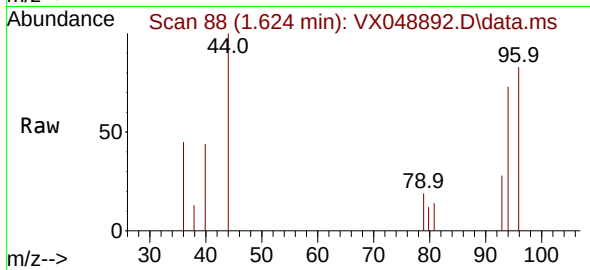




#5
Bromomethane
Concen: 0.758 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

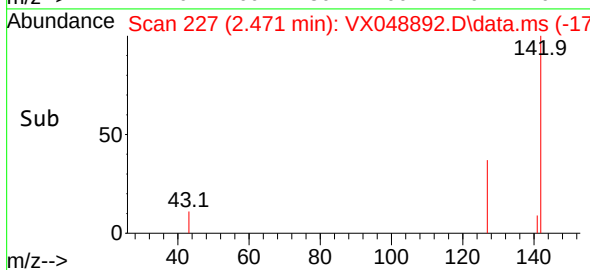
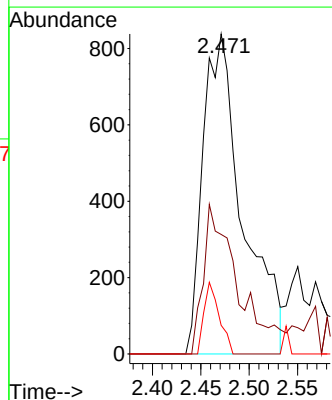
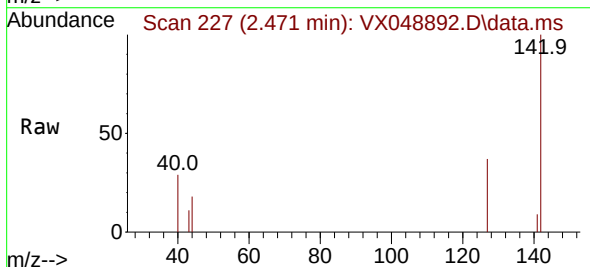
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

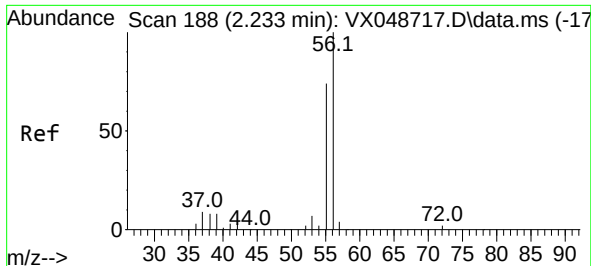
Tgt Ion: 94 Resp: 731
Ion Ratio Lower Upper
94 100
96 112.9 75.2 112.8#



#10
Methyl Iodide
Concen: 1.448 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion:142 Resp: 2392
Ion Ratio Lower Upper
142 100
127 41.3 35.8 53.6
141 8.7 11.1 16.7#

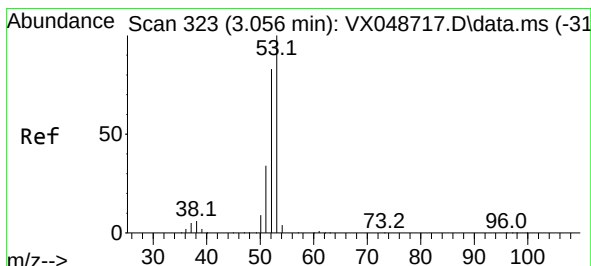
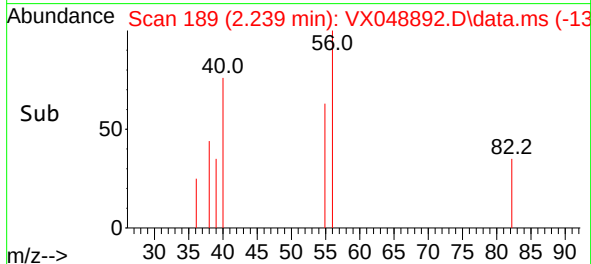
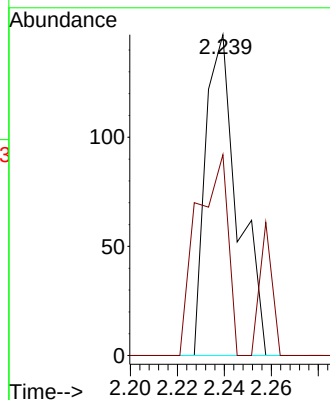
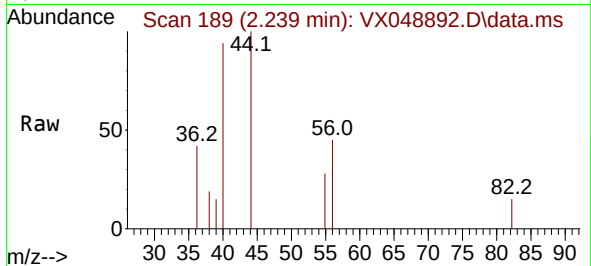




#13
Acrolein
Concen: 1.244 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

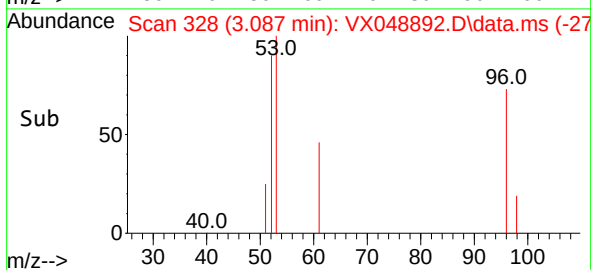
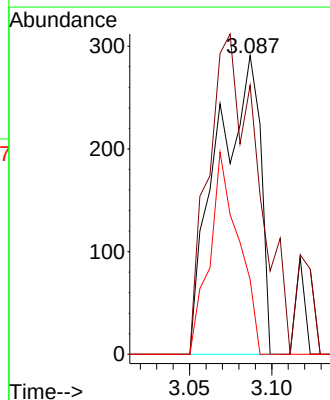
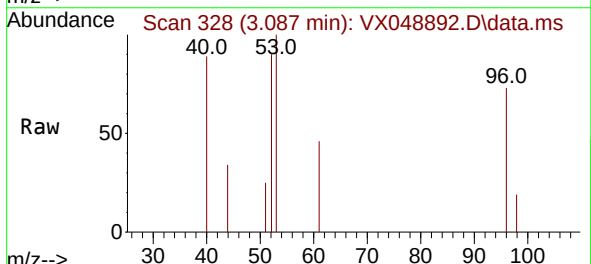
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

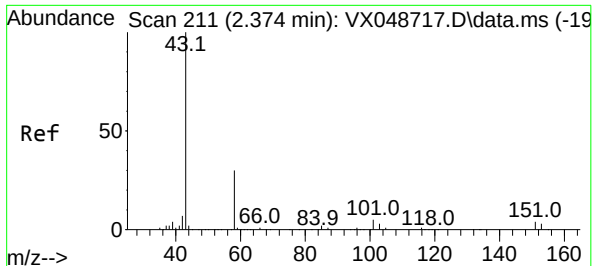
Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 60.0 55.8 83.6



#15
Acrylonitrile
Concen: 0.915 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.030 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion: 53 Resp: 530
Ion Ratio Lower Upper
53 100
52 120.8 66.3 99.5#
51 45.8 28.7 43.1#





#16

Acetone

Concen: 1.533 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048892.D

Acq: 16 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

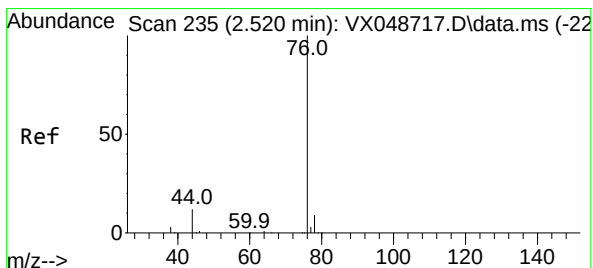
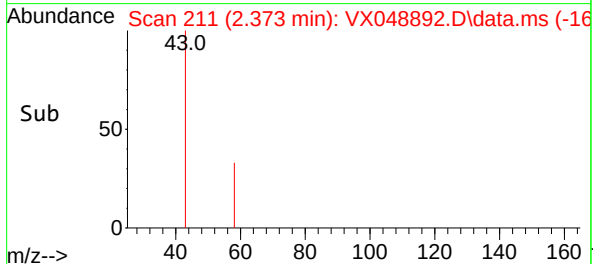
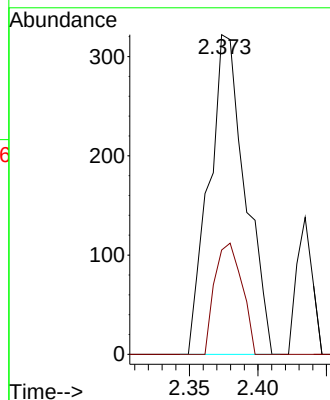
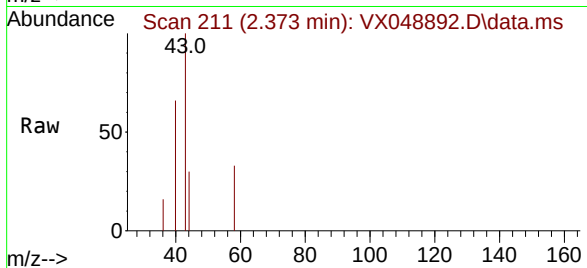
VIBLK

Tgt Ion: 43 Resp: 592

Ion Ratio Lower Upper

43 100

58 32.6 25.0 37.4



#17

Carbon Disulfide

Concen: 0.934 ug/l

RT: 2.520 min Scan# 235

Delta R.T. -0.000 min

Lab File: VX048892.D

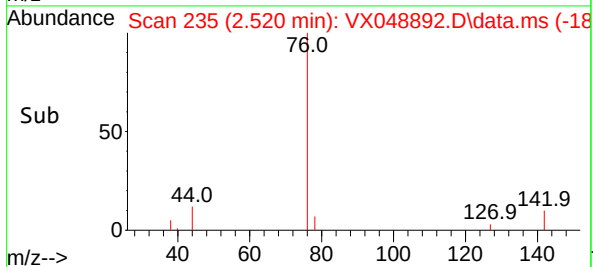
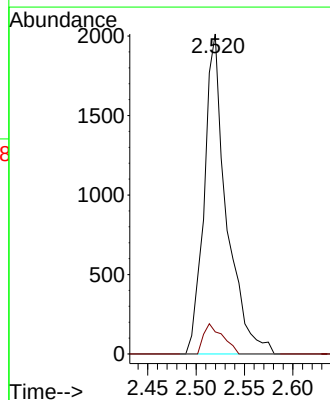
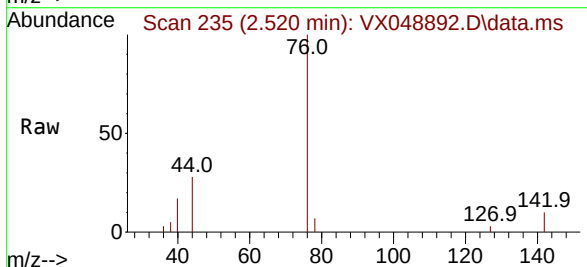
Acq: 16 Dec 2025 16:29

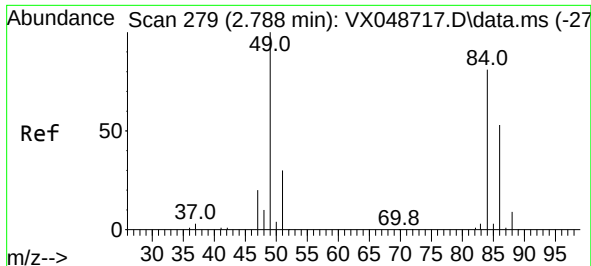
Tgt Ion: 76 Resp: 3230

Ion Ratio Lower Upper

76 100

78 6.9 7.4 11.2#

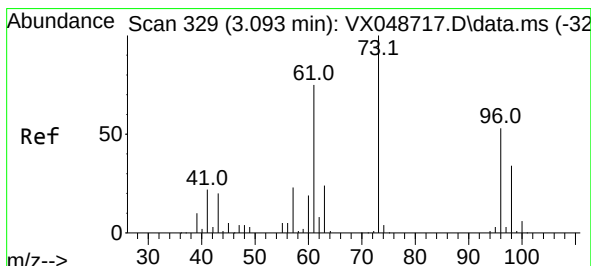
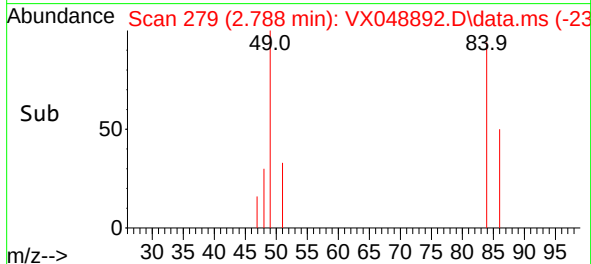
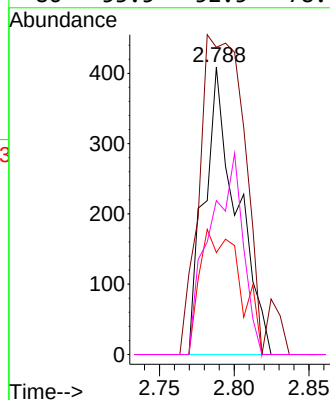
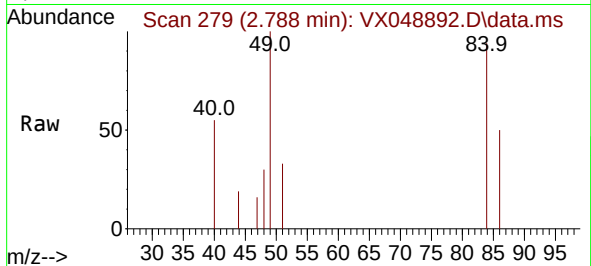




#20
Methylene Chloride
Concen: 0.389 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

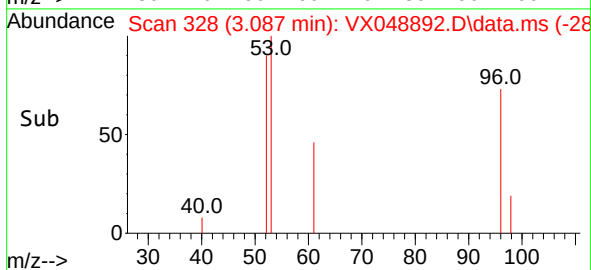
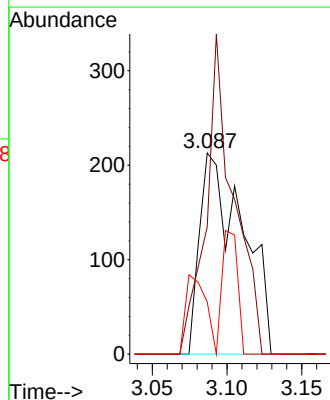
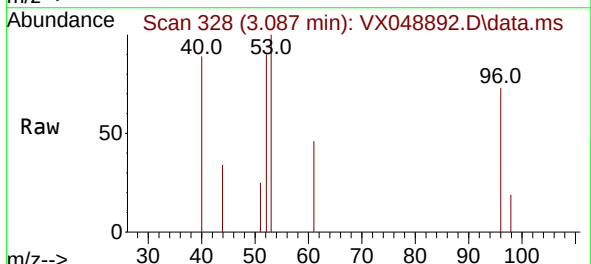
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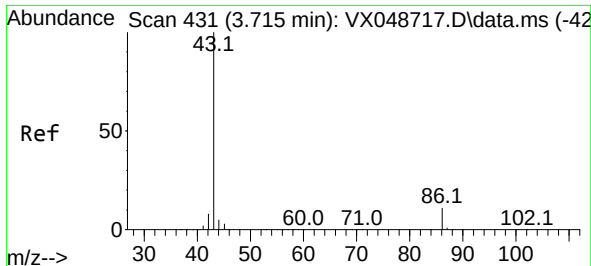
Tgt Ion:	84	Resp:	621
Ion	Ratio	Lower	Upper
84	100		
49	106.8	98.7	148.1
51	35.5	29.4	44.2
86	53.5	52.5	78.7



#21
trans-1,2-Dichloroethene
Concen: 0.331 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion:	96	Resp:	426
Ion	Ratio	Lower	Upper
96	100		
61	63.4	112.8	169.2#
98	25.8	51.0	76.4#

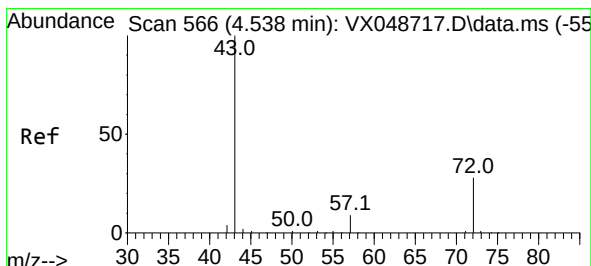
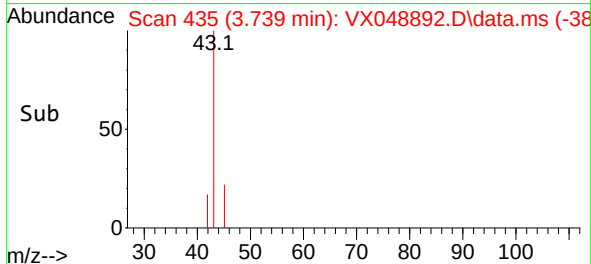
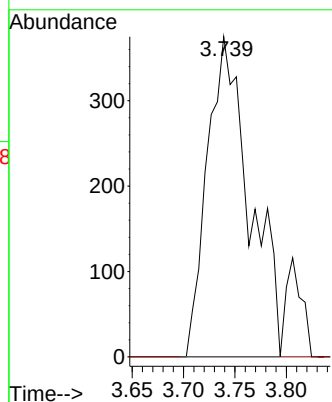
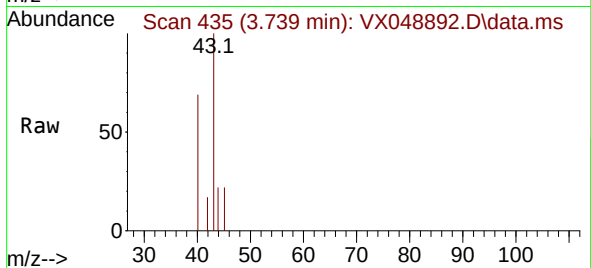




#23
 Vinyl Acetate
 Concen: 0.281 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VX048892.D
 Acq: 16 Dec 2025 16:29

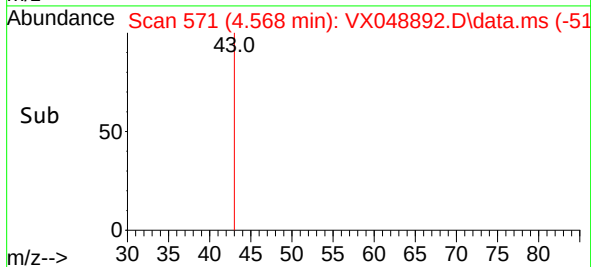
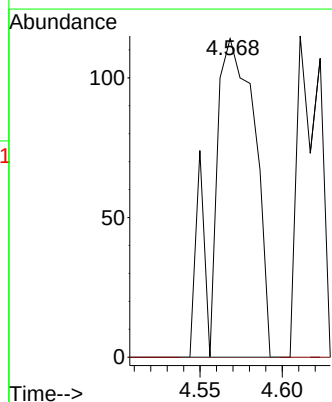
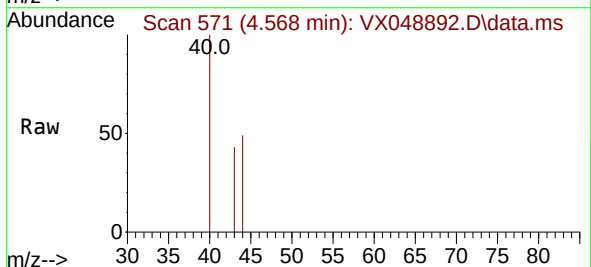
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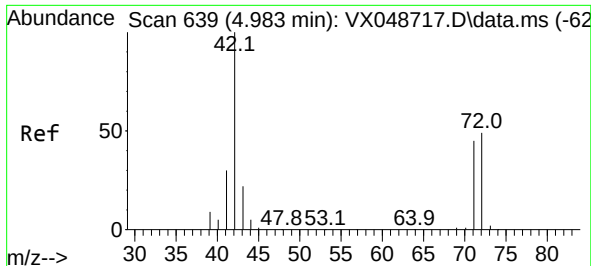
Tgt Ion: 43 Resp: 1075
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.2 13.8#



#25
 2-Butanone
 Concen: 0.333 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.030 min
 Lab File: VX048892.D
 Acq: 16 Dec 2025 16:29

Tgt Ion: 43 Resp: 202
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.6 34.0#





#29

Tetrahydrofuran

Concen: 0.409 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX048892.D

Acq: 16 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

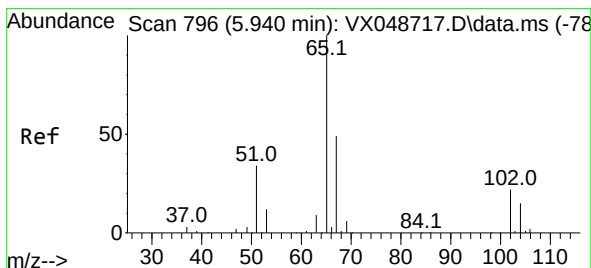
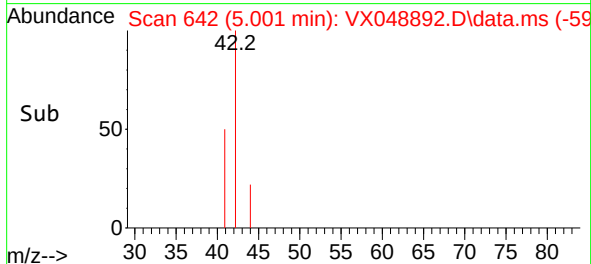
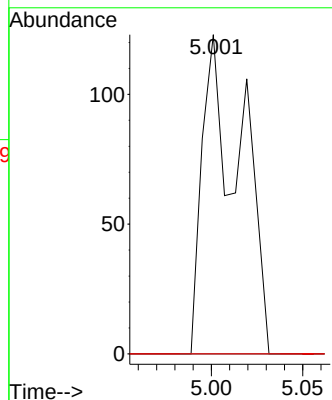
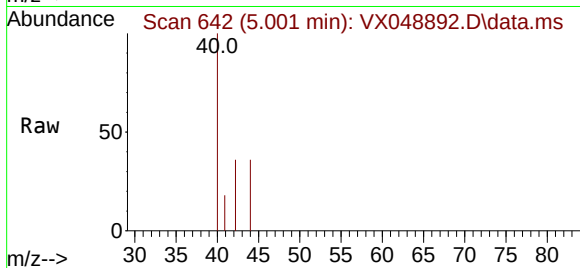
Tgt Ion: 42 Resp: 178

Ion Ratio Lower Upper

42 100

72 0.0 39.4 59.2#

71 0.0 35.8 53.6#



#33

1,2-Dichloroethane-d4

Concen: 41.606 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048892.D

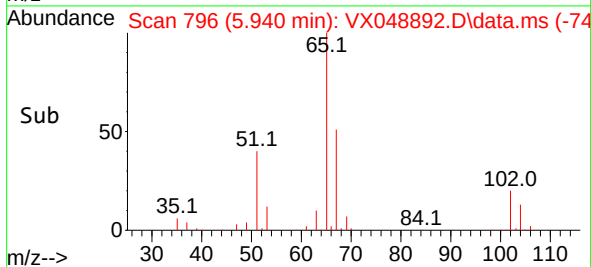
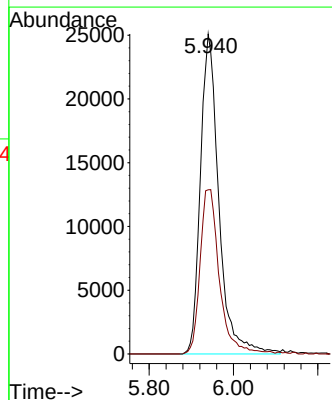
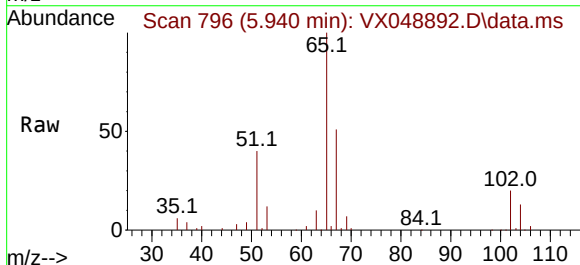
Acq: 16 Dec 2025 16:29

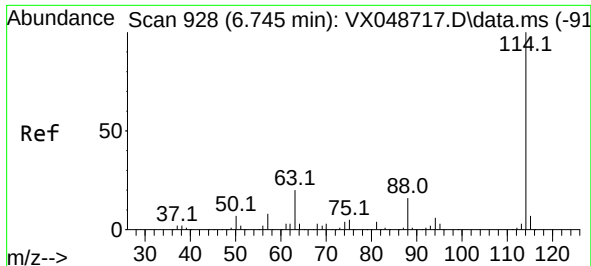
Tgt Ion: 65 Resp: 76275

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.4

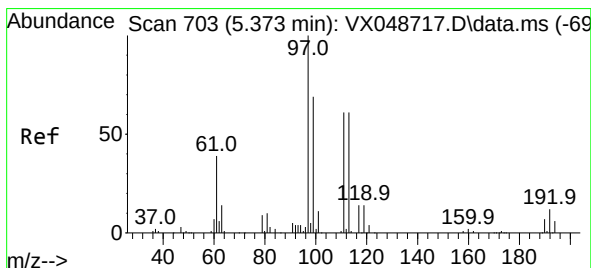
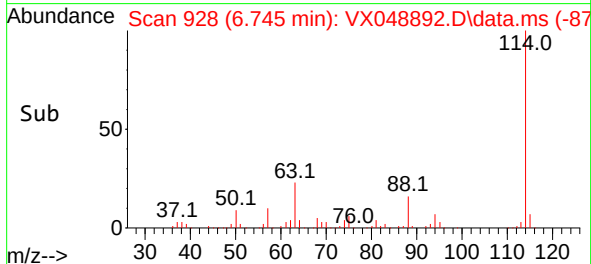
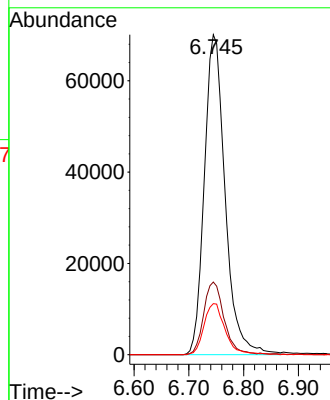
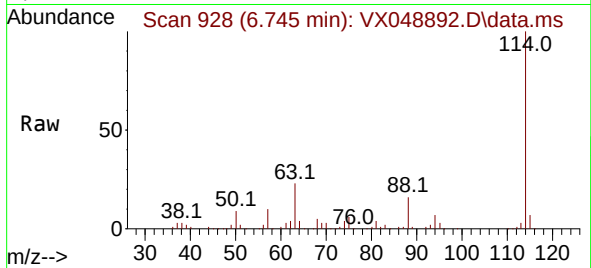




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

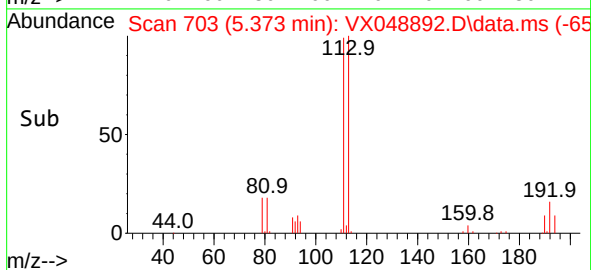
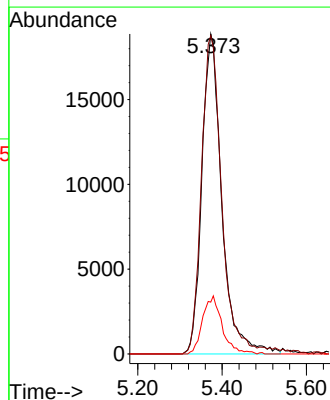
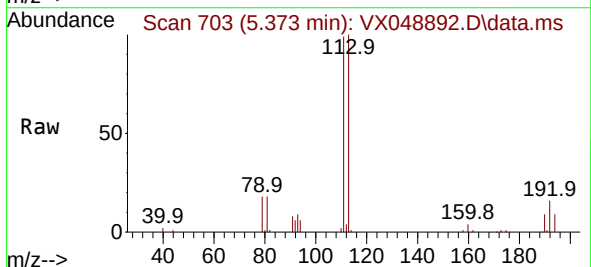
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

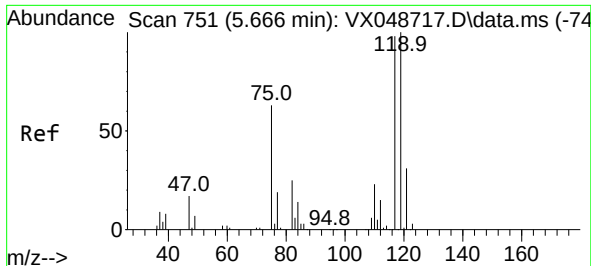
Tgt Ion:114 Resp: 184490
Ion Ratio Lower Upper
114 100
63 22.7 0.0 39.0
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.379 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion:113 Resp: 62227
Ion Ratio Lower Upper
113 100
111 102.4 79.5 119.3
192 17.7 16.1 24.1

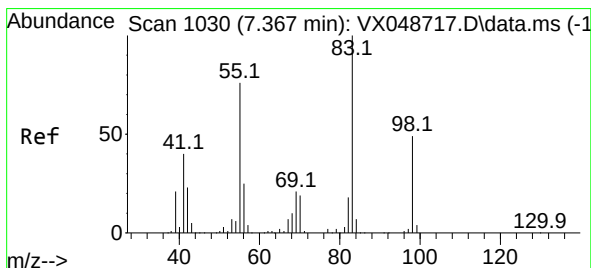
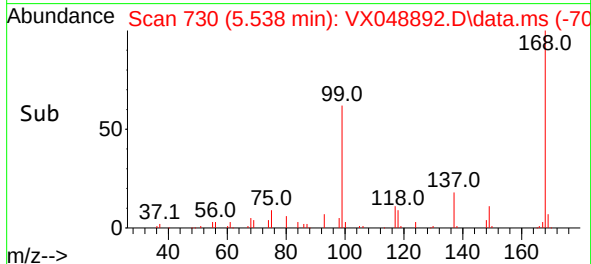
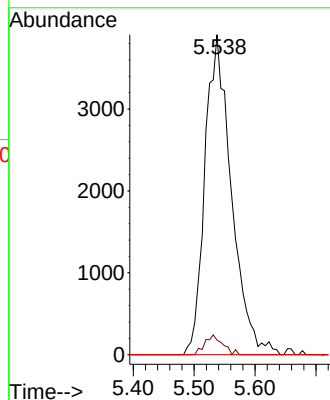
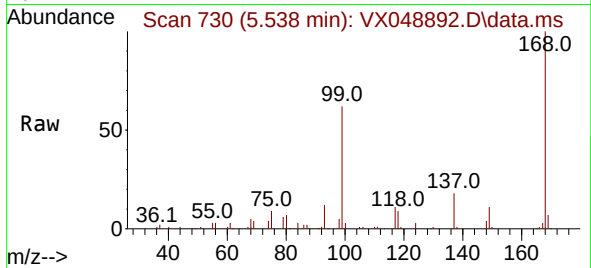




#38
Carbon Tetrachloride
Concen: 5.755 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

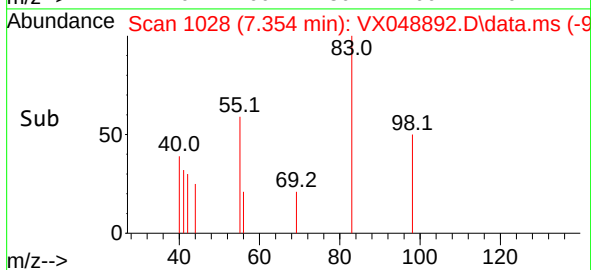
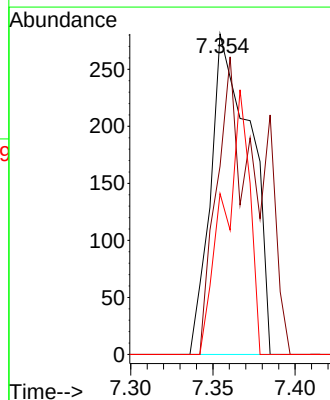
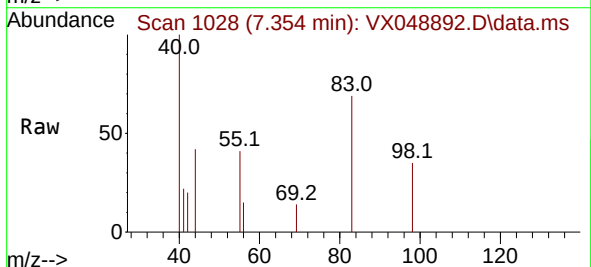
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

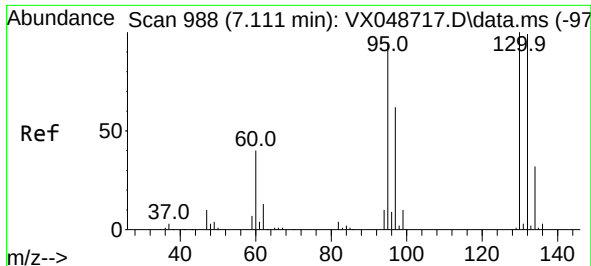
Tgt Ion:117 Resp: 11805
Ion Ratio Lower Upper
117 100
119 4.6 80.5 120.7#
121 0.0 25.4 38.0#



#39
Methylcyclohexane
Concen: 0.245 ug/l
RT: 7.354 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion: 83 Resp: 474
Ion Ratio Lower Upper
83 100
55 58.7 60.6 90.8#
98 50.2 39.3 58.9

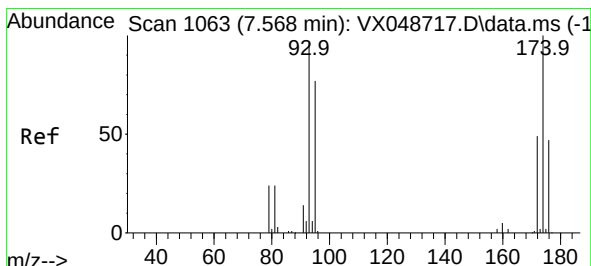
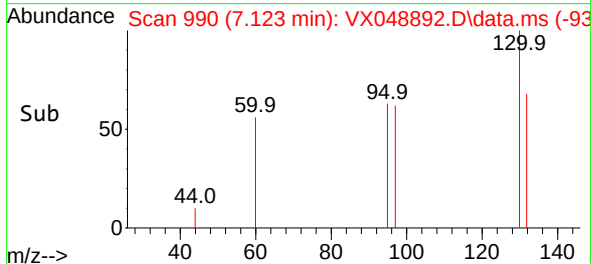
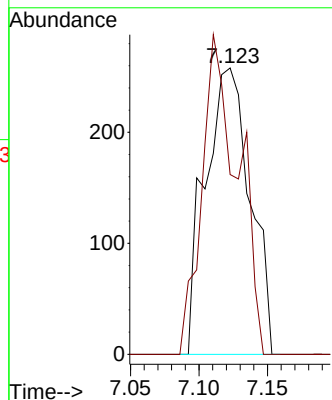
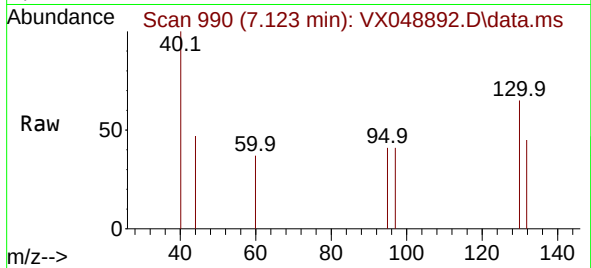




#44
Trichloroethene
Concen: 0.415 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

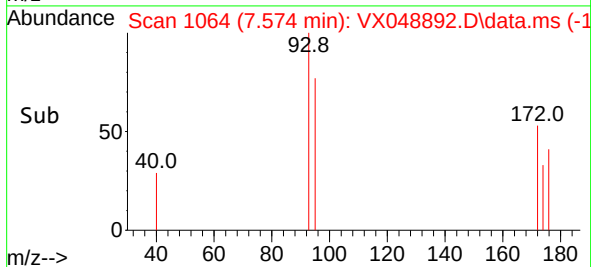
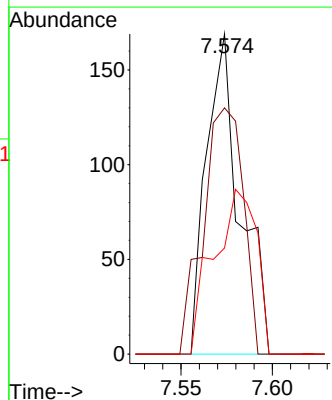
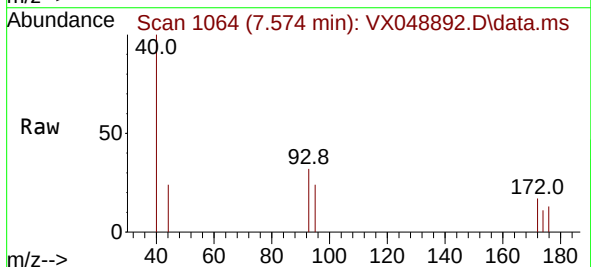
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

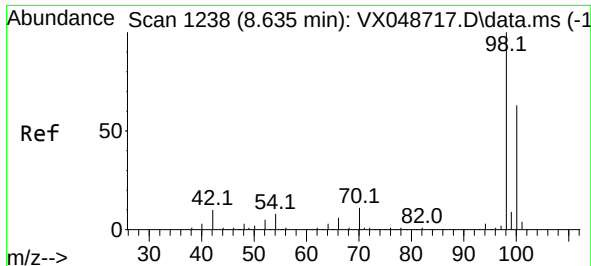
Tgt Ion:130 Resp: 590
Ion Ratio Lower Upper
130 100
95 62.8 0.0 189.6



#46
Dibromomethane
Concen: 0.214 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion: 93 Resp: 217
Ion Ratio Lower Upper
93 100
95 91.7 65.5 98.3
174 65.4 82.0 123.0#





#50

Toluene-d8

Concen: 46.636 ug/l

RT: 8.635 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048892.D

Acq: 16 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

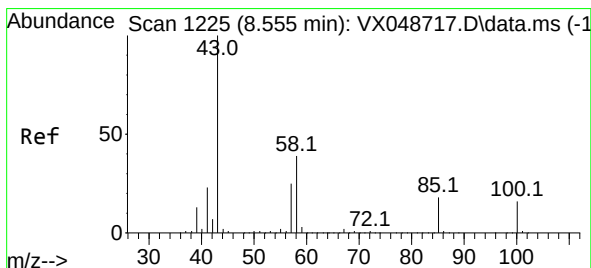
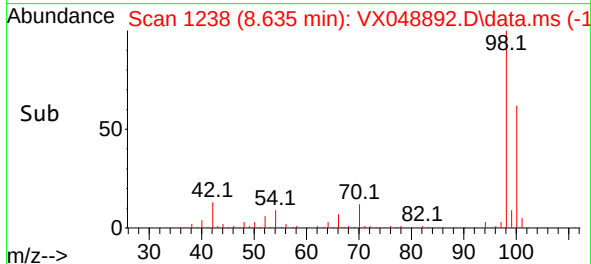
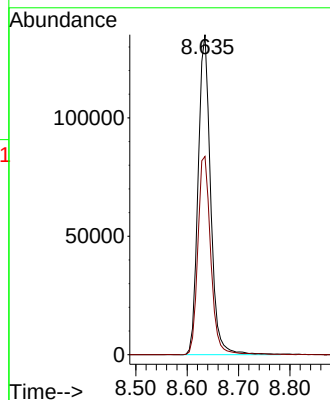
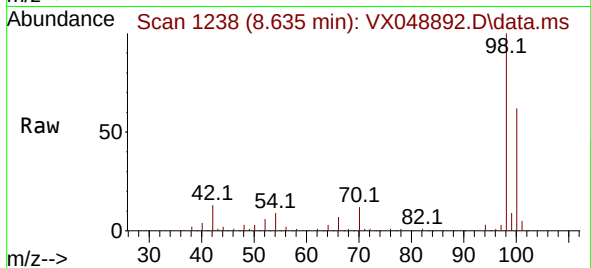
VIBLK

Tgt Ion: 98 Resp: 228313

Ion Ratio Lower Upper

98 100

100 63.6 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 0.600 ug/l

RT: 8.561 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VX048892.D

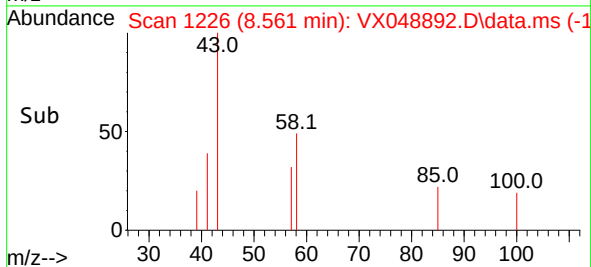
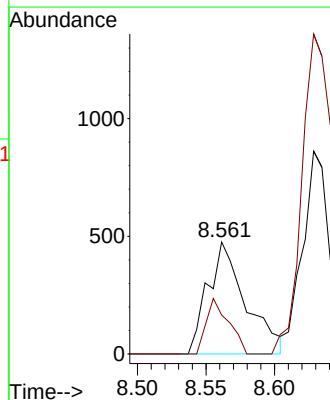
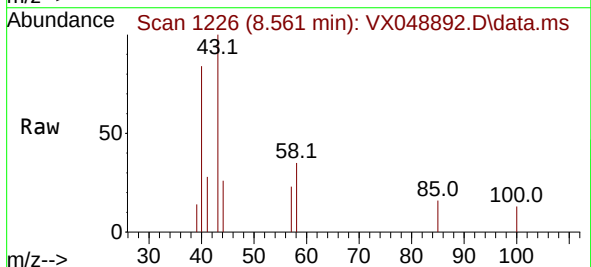
Acq: 16 Dec 2025 16:29

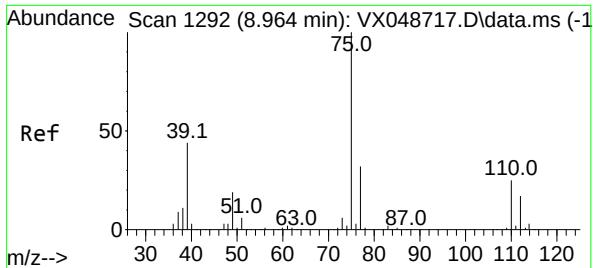
Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

58 29.3 32.2 48.4#





#53

t-1,3-Dichloropropene

Concen: 0.259 ug/l

RT: 8.970 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX048892.D

Acq: 16 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

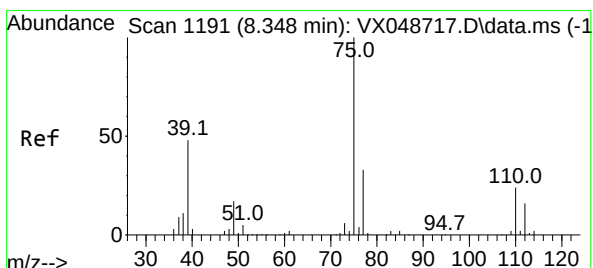
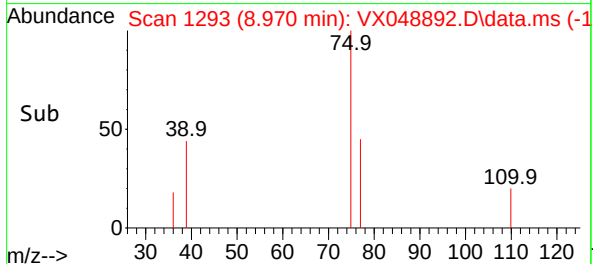
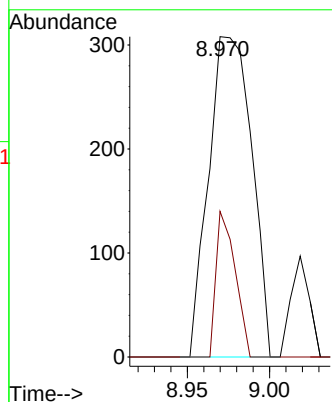
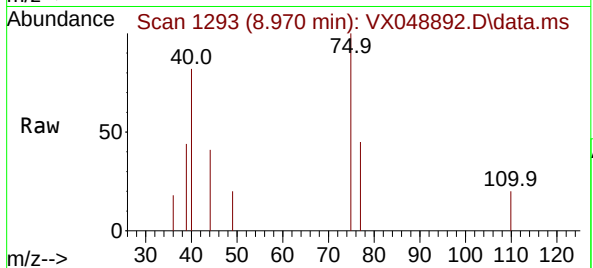
VIBLK

Tgt Ion: 75 Resp: 562

Ion Ratio Lower Upper

75 100

77 45.5 25.3 37.9#



#54

cis-1,3-Dichloropropene

Concen: 0.217 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.018 min

Lab File: VX048892.D

Acq: 16 Dec 2025 16:29

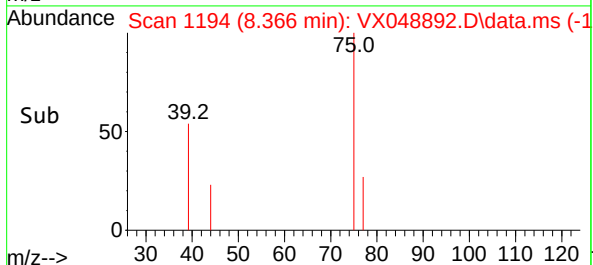
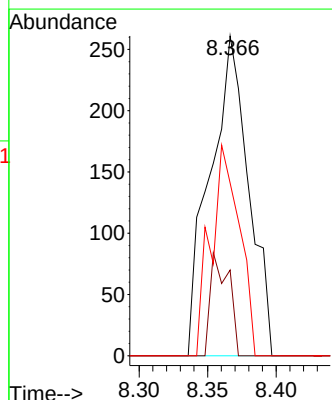
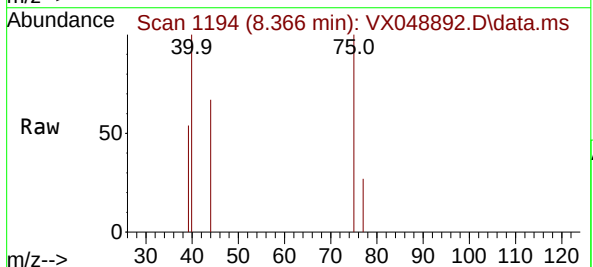
Tgt Ion: 75 Resp: 511

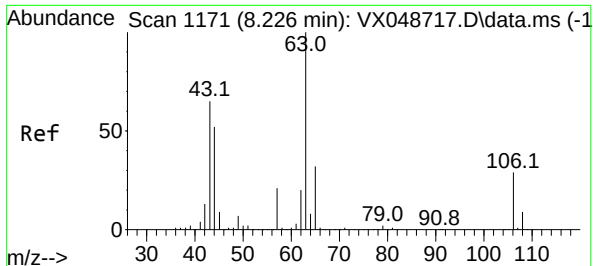
Ion Ratio Lower Upper

75 100

77 26.8 26.1 39.1

39 54.0 38.2 57.4

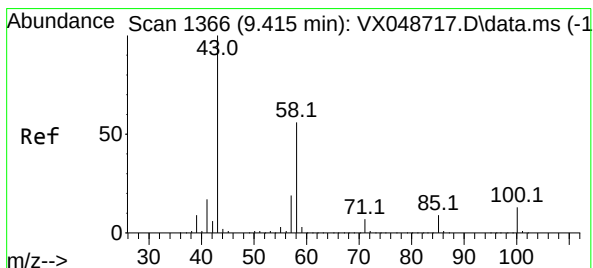
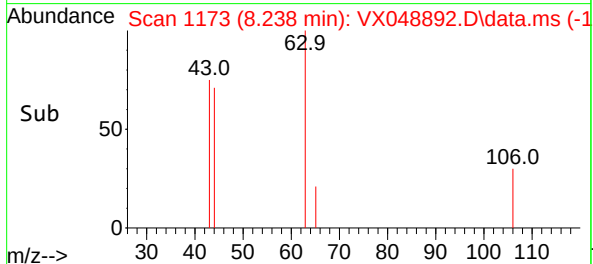
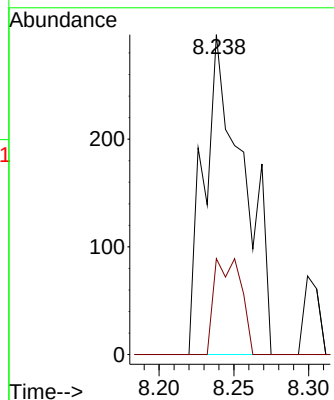
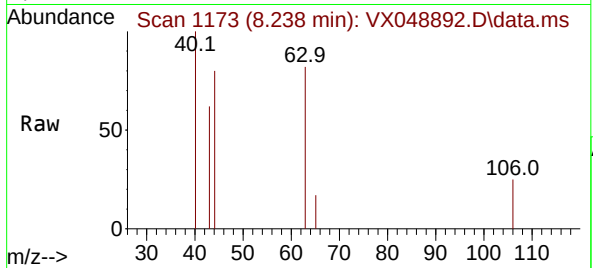




#58
2-Chloroethyl Vinyl ether
Concen: 0.507 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.012 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

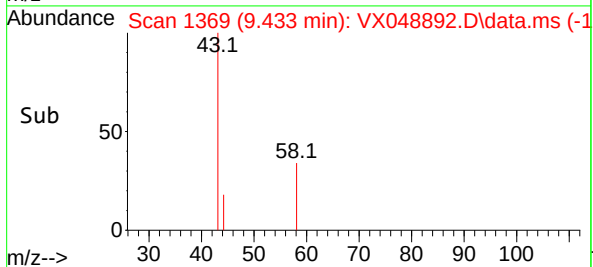
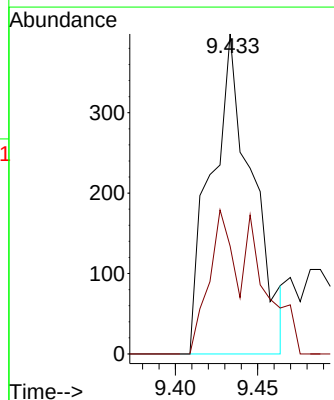
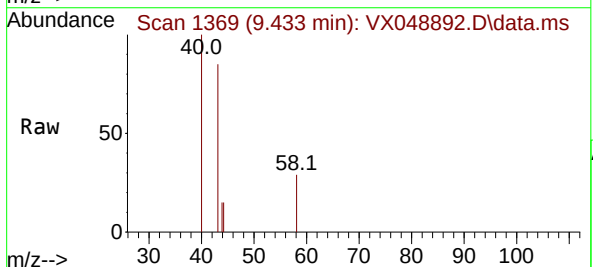
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

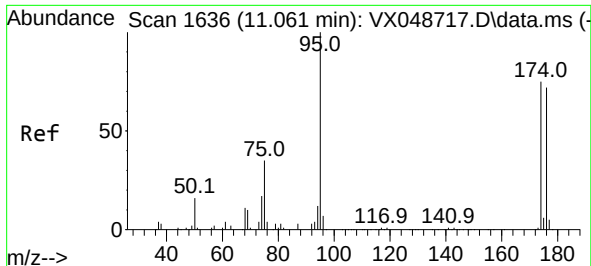
Tgt Ion: 63 Resp: 547
Ion Ratio Lower Upper
63 100
106 20.5 23.4 35.2#



#59
2-Hexanone
Concen: 0.665 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.018 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
58 28.0 27.8 83.4

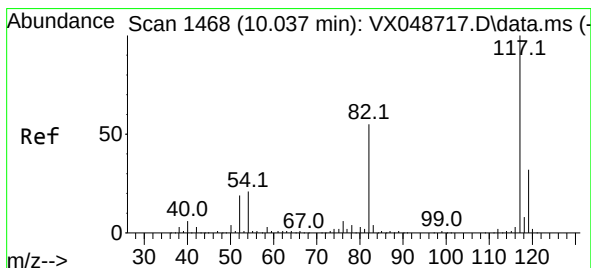
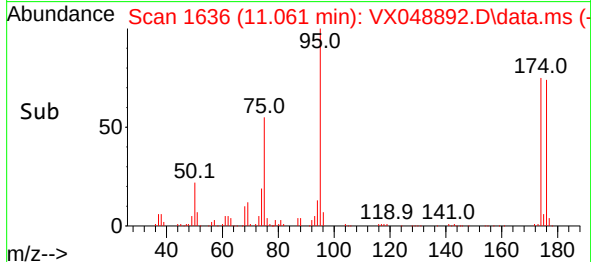
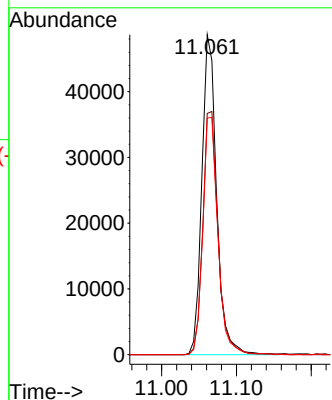
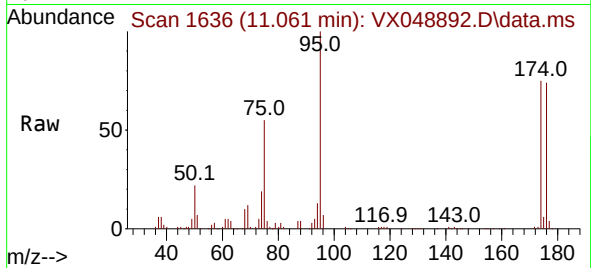




#62
4-Bromofluorobenzene
Concen: 37.921 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

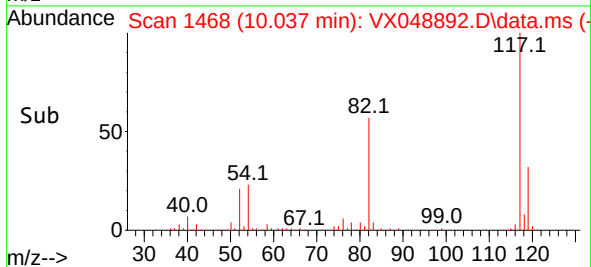
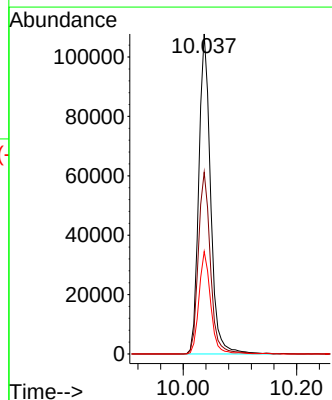
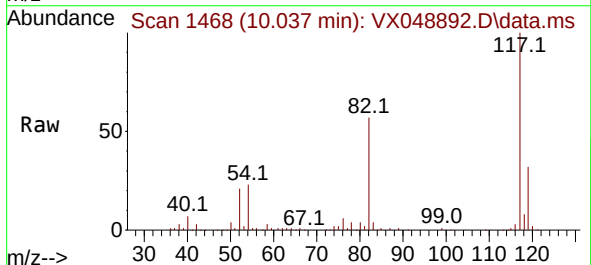
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

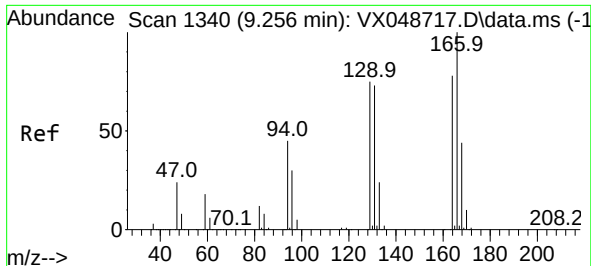
Tgt Ion: 95 Resp: 66652
Ion Ratio Lower Upper
95 100
174 78.4 0.0 157.8
176 76.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion: 117 Resp: 155462
Ion Ratio Lower Upper
117 100
82 56.8 44.1 66.1
119 32.0 25.2 37.8



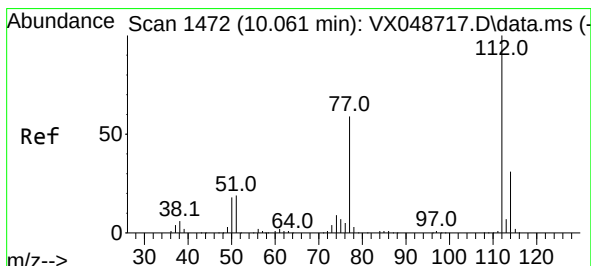
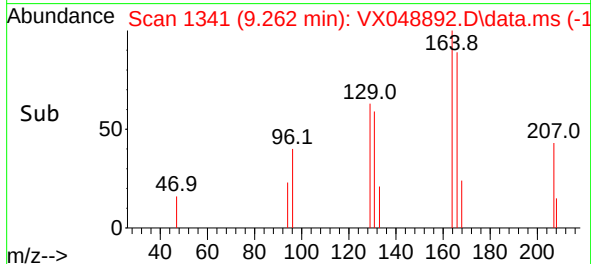
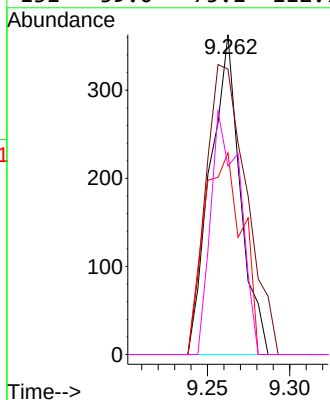
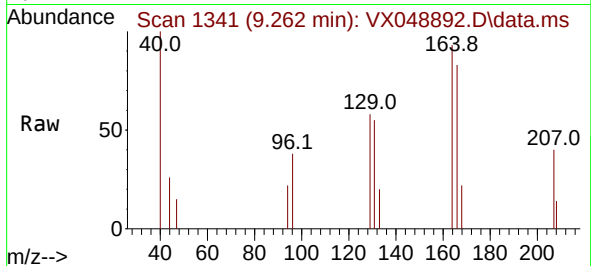


#64
Tetrachloroethene
Concen: 0.462 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:164 Resp: 462

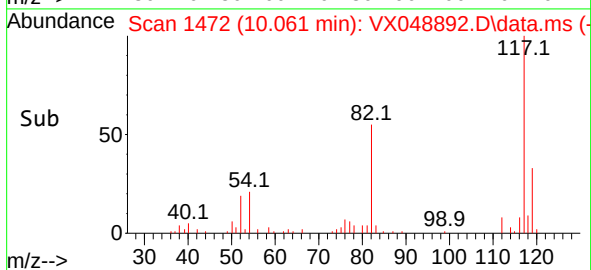
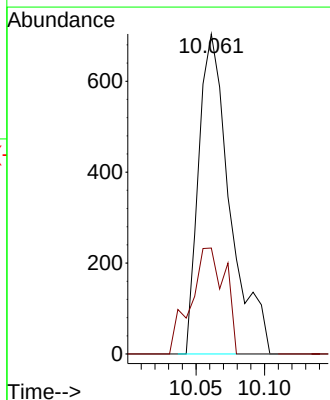
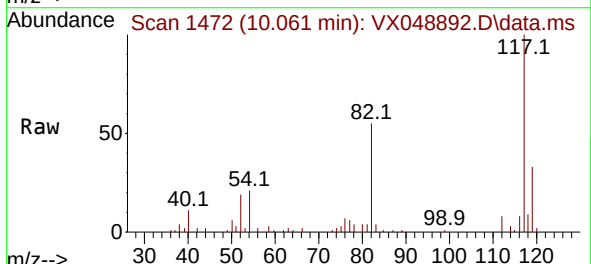
Ion	Ratio	Lower	Upper
164	100		
166	89.3	103.1	154.7#
129	63.1	76.9	115.3#
131	59.0	75.1	112.7#

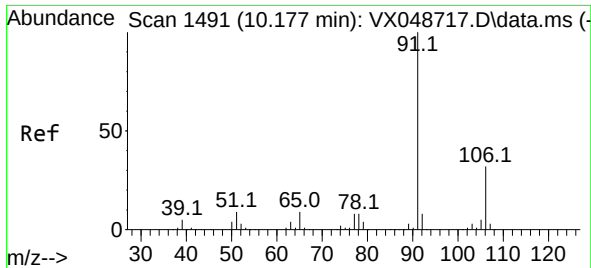


#65
Chlorobenzene
Concen: 0.321 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion:112 Resp: 1118

Ion	Ratio	Lower	Upper
112	100		
114	33.1	24.8	37.2

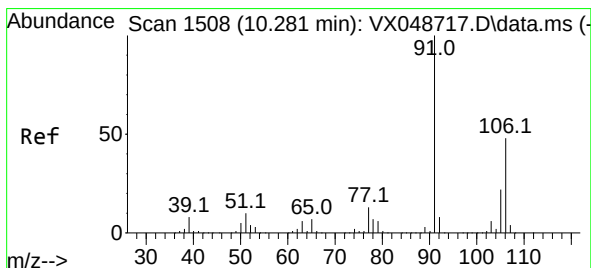
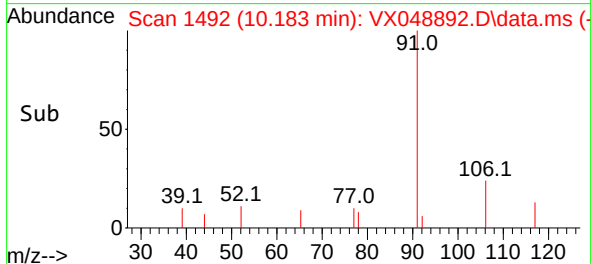
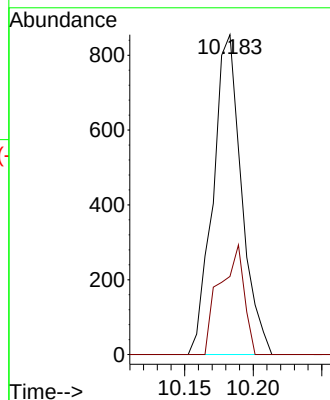
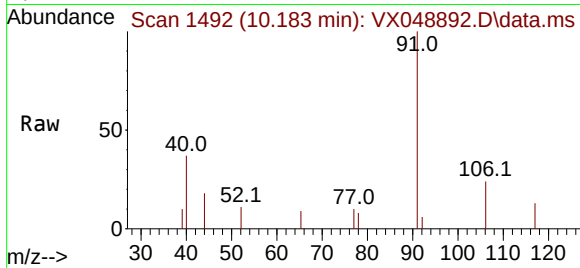




#67
Ethyl Benzene
Concen: 0.209 ug/l
RT: 10.183 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

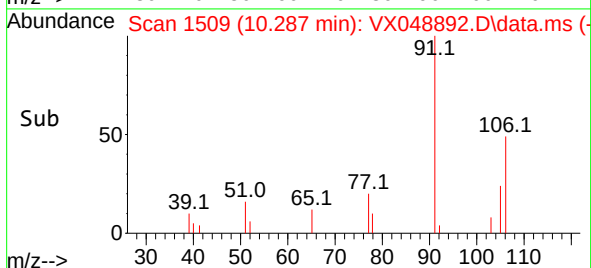
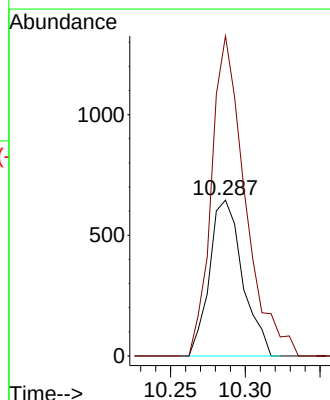
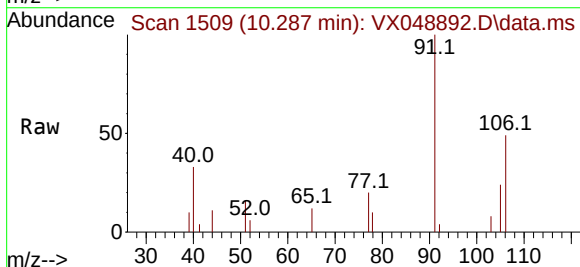
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

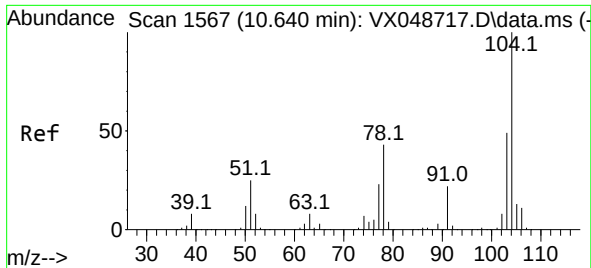
Tgt Ion: 91 Resp: 1237
Ion Ratio Lower Upper
91 100
106 24.4 25.3 37.9#



#68
m/p-Xylenes
Concen: 0.456 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion:106 Resp: 993
Ion Ratio Lower Upper
106 100
91 209.1 164.2 246.4

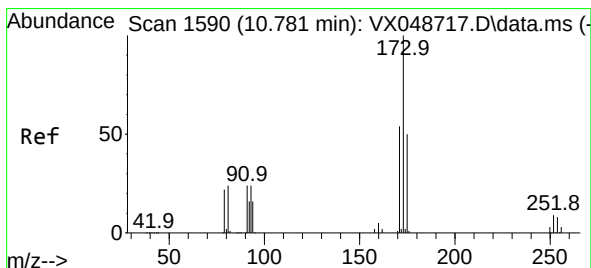
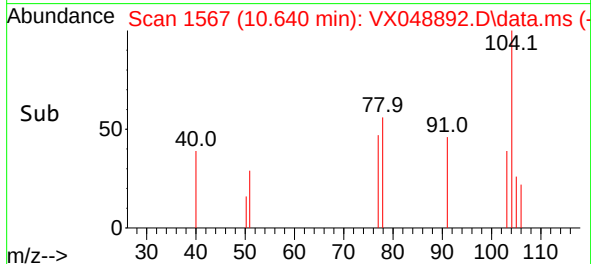
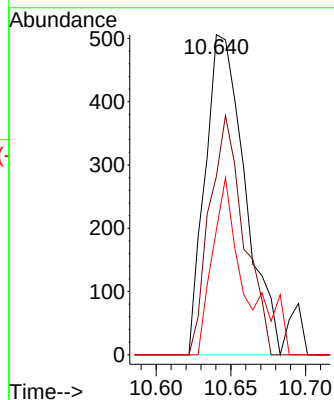
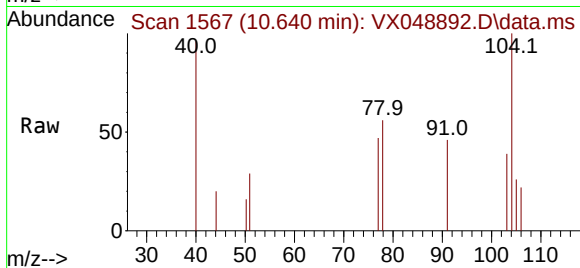




#70
Styrene
Concen: 0.262 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

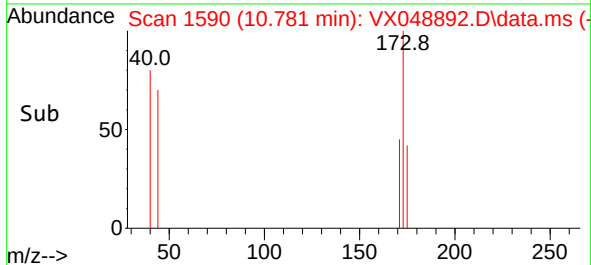
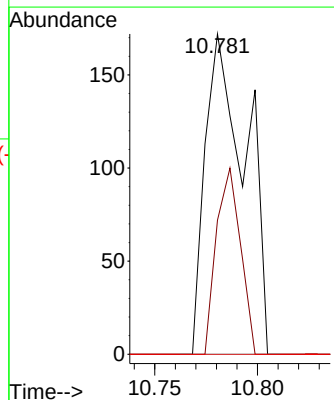
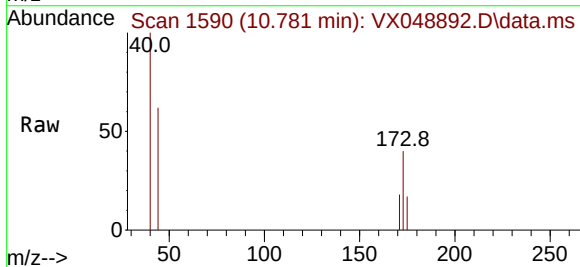
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

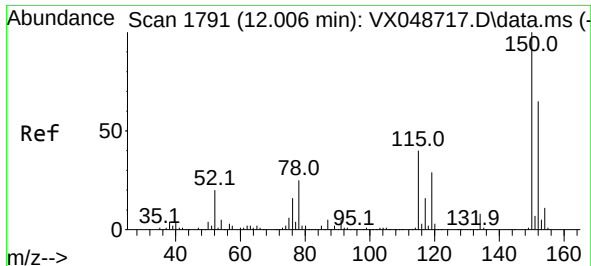
Tgt Ion:104 Resp: 937
Ion Ratio Lower Upper
104 100
78 64.5 40.6 60.8#
103 45.7 43.4 65.2



#71
Bromoform
Concen: 0.254 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion:173 Resp: 236
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
254 0.0 0.1 0.1#

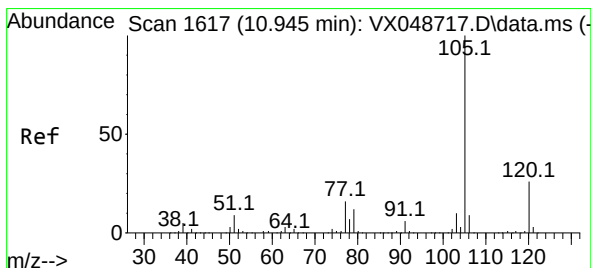
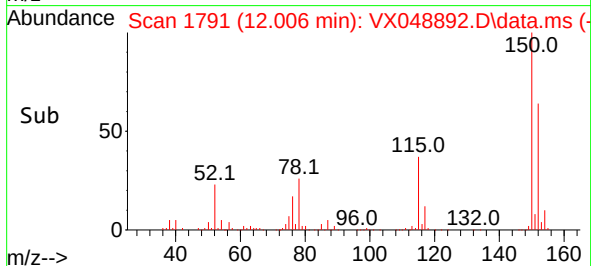
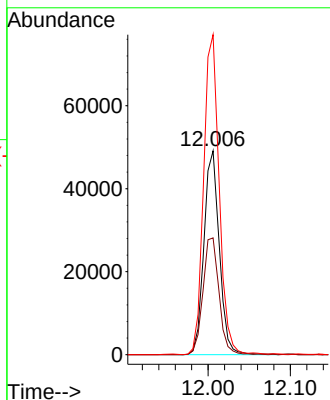
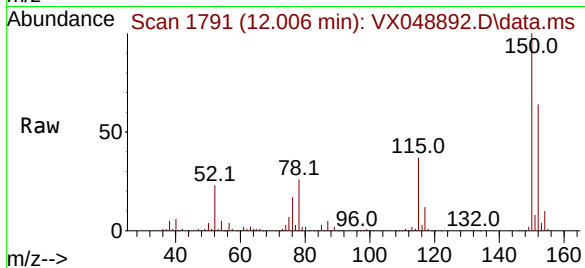




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX048892.D
 Acq: 16 Dec 2025 16:29

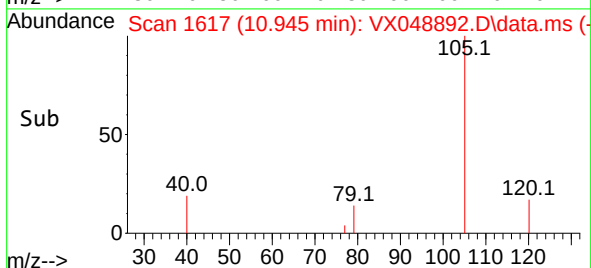
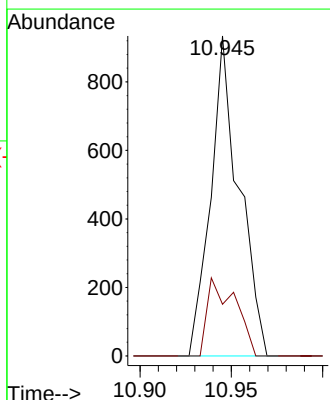
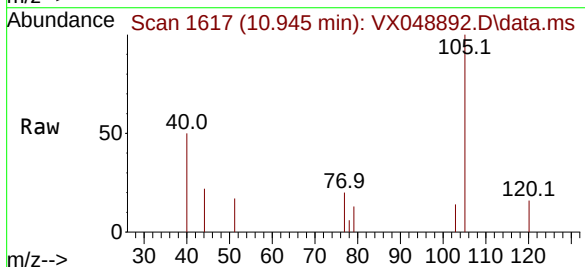
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

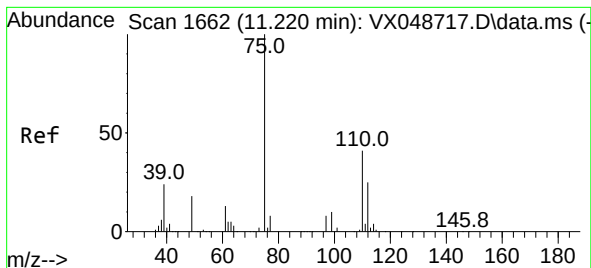
Tgt Ion:152 Resp: 63861
 Ion Ratio Lower Upper
 152 100
 115 59.9 42.1 126.4
 150 158.7 0.0 347.8



#73
 Isopropylbenzene
 Concen: 0.232 ug/l
 RT: 10.945 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VX048892.D
 Acq: 16 Dec 2025 16:29

Tgt Ion:105 Resp: 1010
 Ion Ratio Lower Upper
 105 100
 120 24.1 13.2 39.5





#76

1,2,3-Trichloropropane

Concen: 34.033 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX048892.D

Acq: 16 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

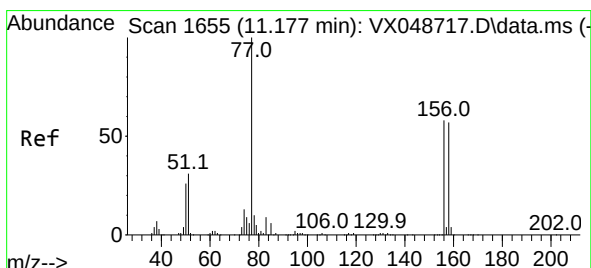
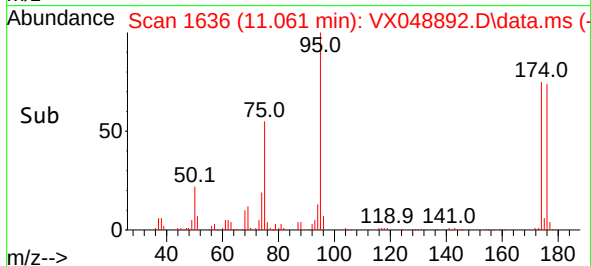
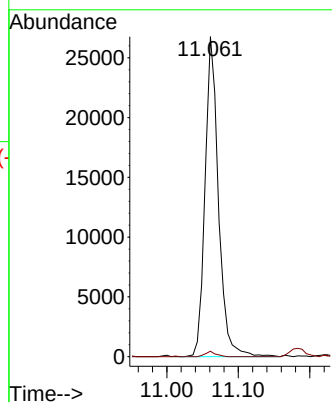
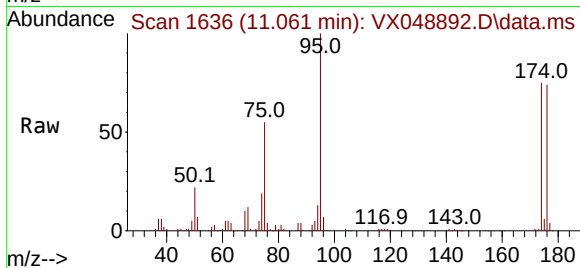
VIBLK

Tgt Ion: 75 Resp: 34945

Ion Ratio Lower Upper

75 100

77 1.3 24.3 73.0#



#77

Bromobenzene

Concen: 0.525 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048892.D

Acq: 16 Dec 2025 16:29

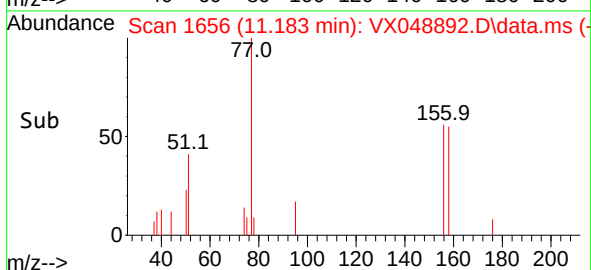
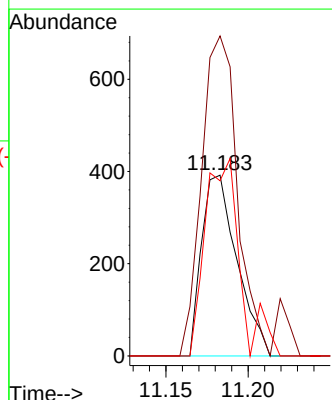
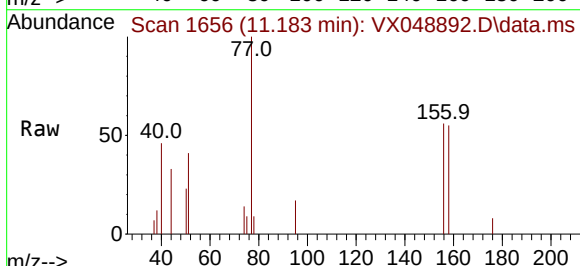
Tgt Ion:156 Resp: 585

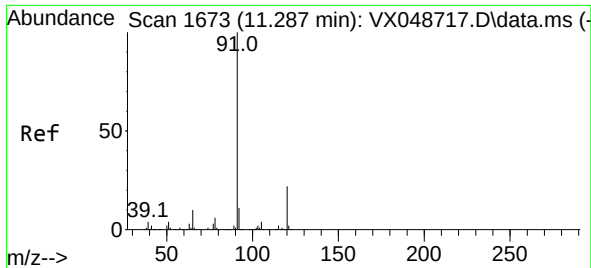
Ion Ratio Lower Upper

156 100

77 179.7 80.3 240.9

158 107.7 48.9 146.6

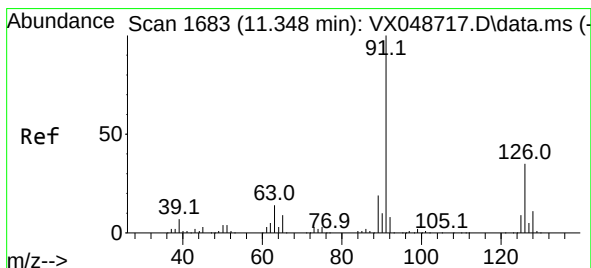
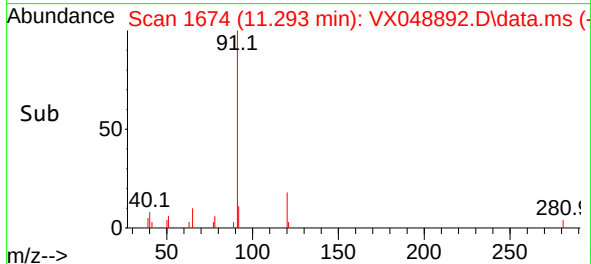
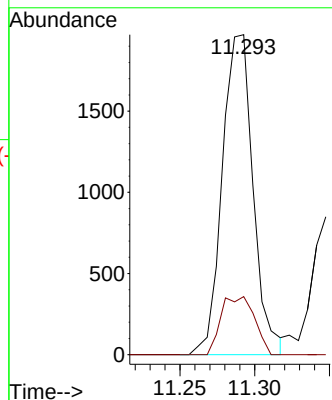
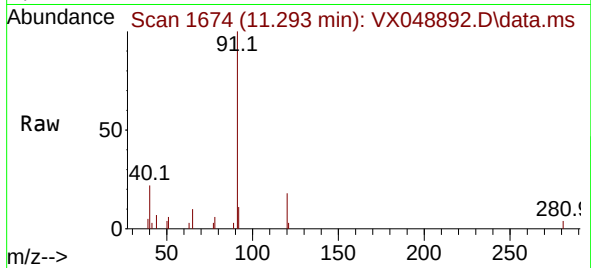




#78
n-propylbenzene
Concen: 0.536 ug/l
RT: 11.293 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

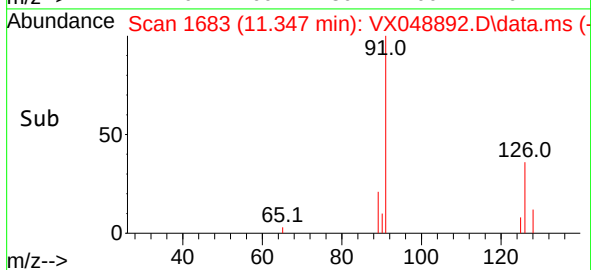
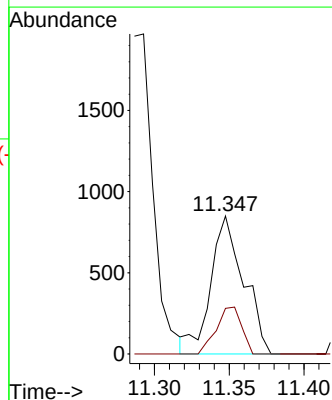
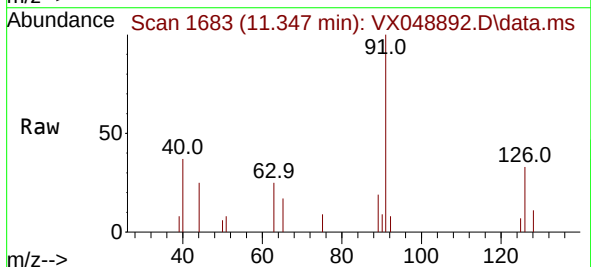
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

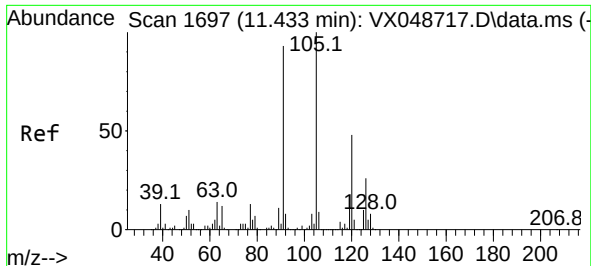
Tgt Ion: 91 Resp: 2828
Ion Ratio Lower Upper
91 100
120 19.7 11.4 34.2



#79
2-Chlorotoluene
Concen: 0.400 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion: 91 Resp: 1305
Ion Ratio Lower Upper
91 100
126 26.0 16.8 50.3

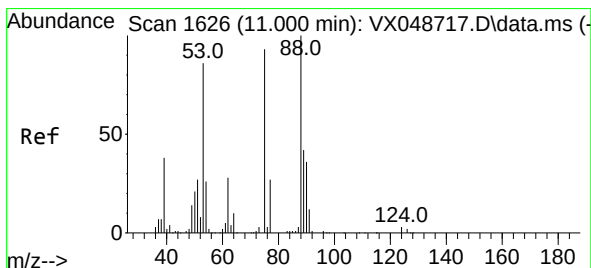
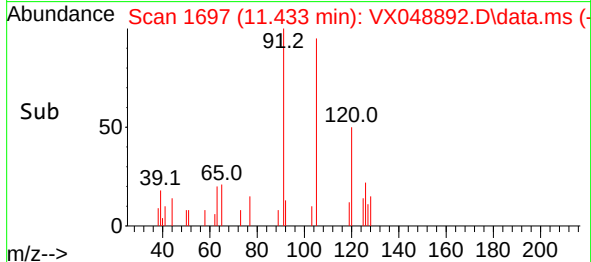
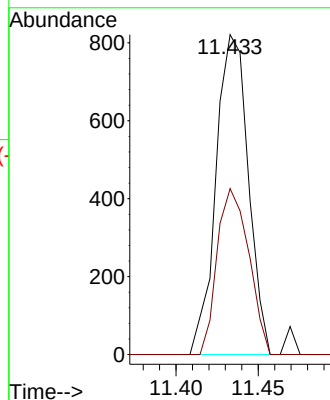
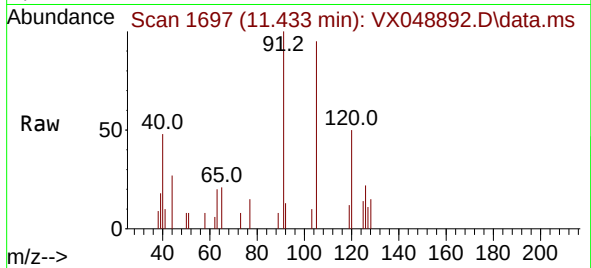




#80
1,3,5-Trimethylbenzene
Concen: 0.314 ug/l
RT: 11.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

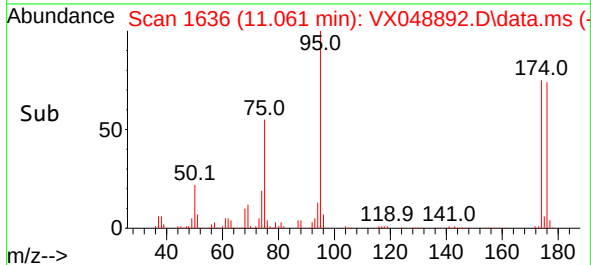
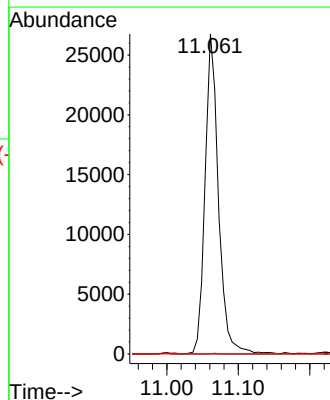
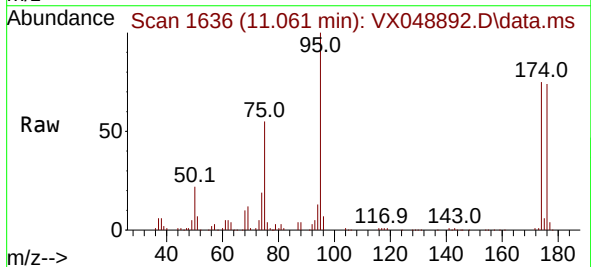
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

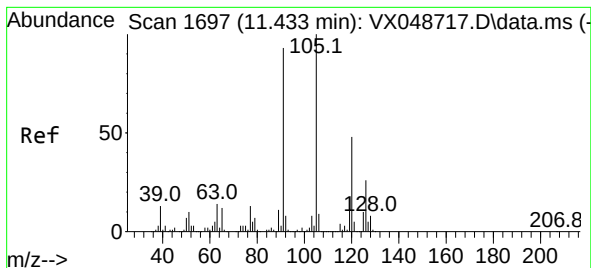
Tgt Ion:105 Resp: 1123
Ion Ratio Lower Upper
105 100
120 50.8 24.4 73.2



#81
trans-1,4-Dichloro-2-butene
Concen: 86.435 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion: 75 Resp: 34945
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.1 67.1 100.7#





#82

4-Chlorotoluene

Concen: 0.572 ug/l

RT: 11.439 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048892.D

Acq: 16 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

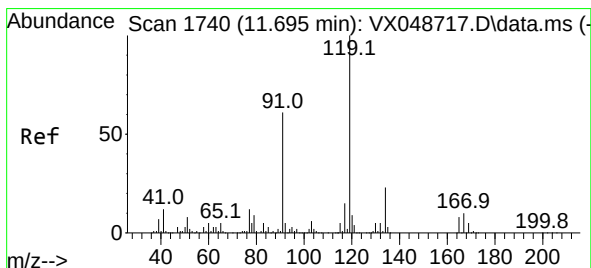
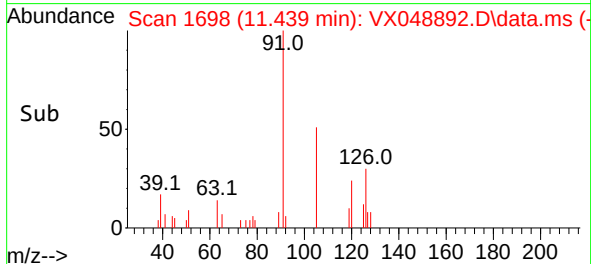
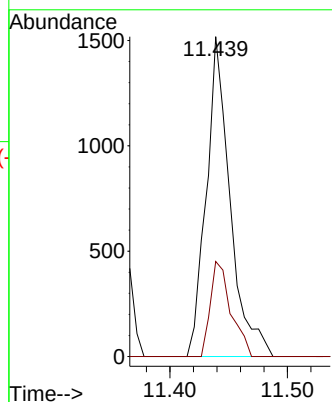
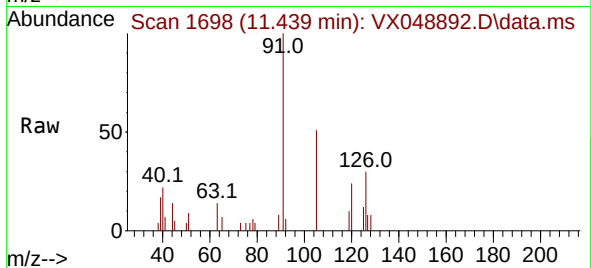
VIBLK

Tgt Ion: 91 Resp: 2136

Ion Ratio Lower Upper

91 100

126 25.7 14.7 44.1



#83

tert-Butylbenzene

Concen: 0.306 ug/l

RT: 11.701 min Scan# 1741

Delta R.T. 0.006 min

Lab File: VX048892.D

Acq: 16 Dec 2025 16:29

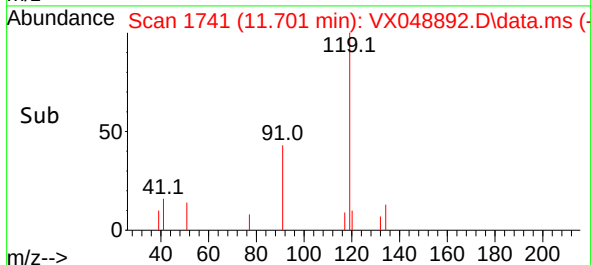
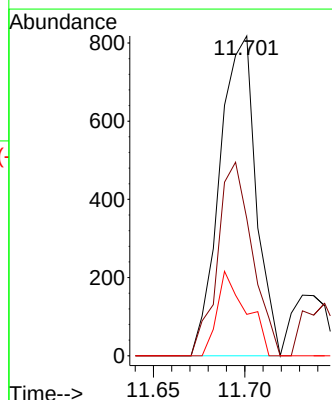
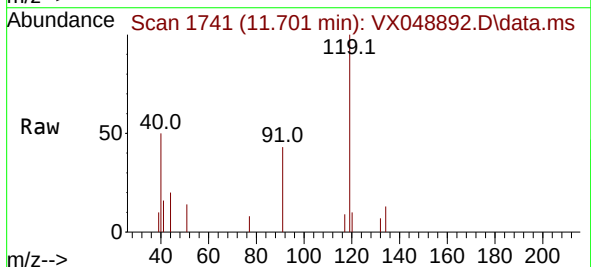
Tgt Ion: 119 Resp: 1131

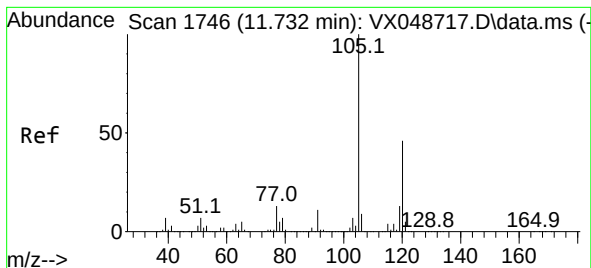
Ion Ratio Lower Upper

119 100

91 57.8 28.4 85.2

134 21.3 11.2 33.5





#84

1,2,4-Trimethylbenzene

Concen: 0.381 ug/l

RT: 11.738 min Scan# 1746

Delta R.T. 0.006 min

Lab File: VX048892.D

Acq: 16 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

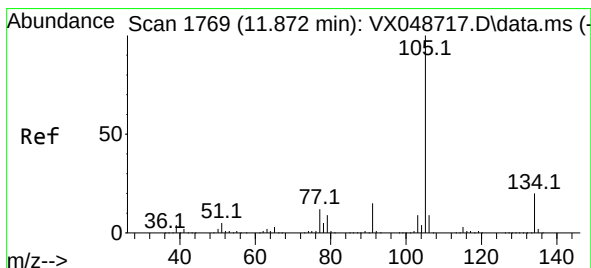
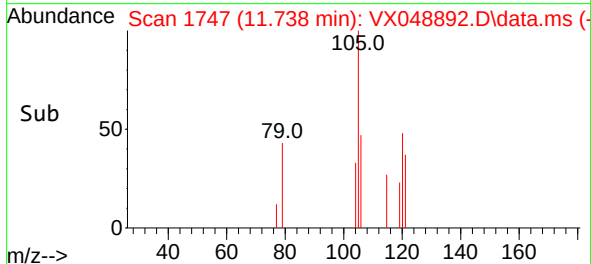
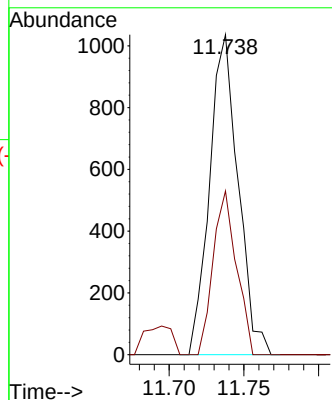
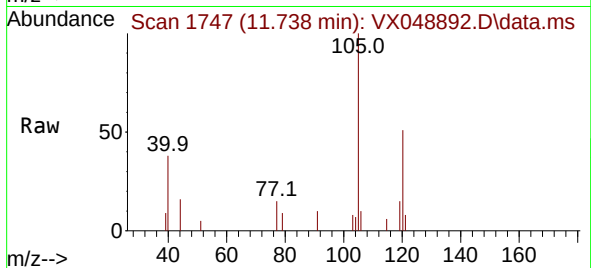
VIBLK

Tgt Ion:105 Resp: 1378

Ion Ratio Lower Upper

105 100

120 41.6 22.3 66.8



#85

sec-Butylbenzene

Concen: 0.531 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048892.D

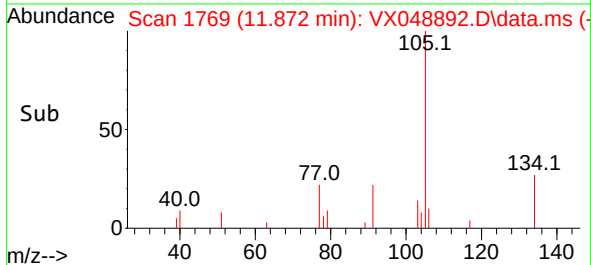
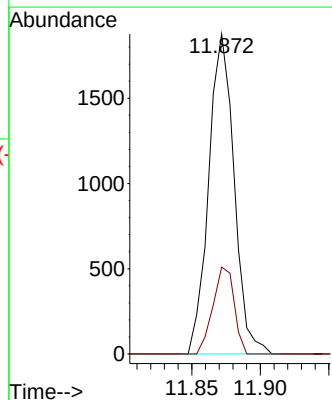
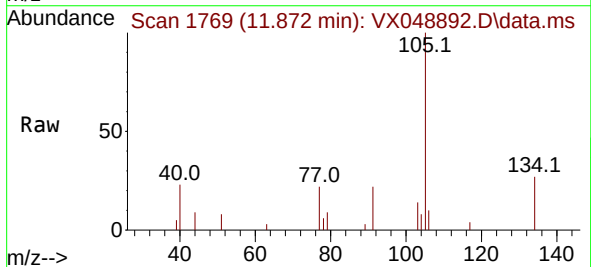
Acq: 16 Dec 2025 16:29

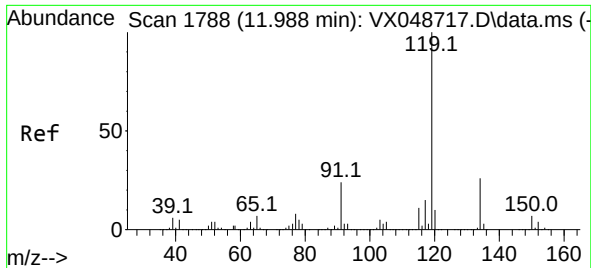
Tgt Ion:105 Resp: 2422

Ion Ratio Lower Upper

105 100

134 22.7 9.8 29.5

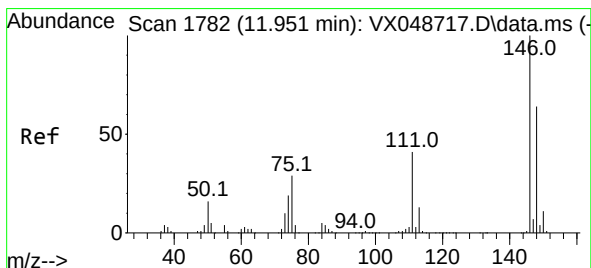
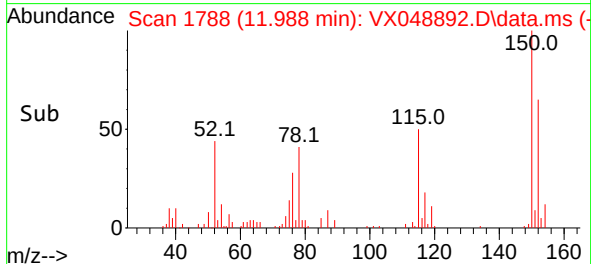
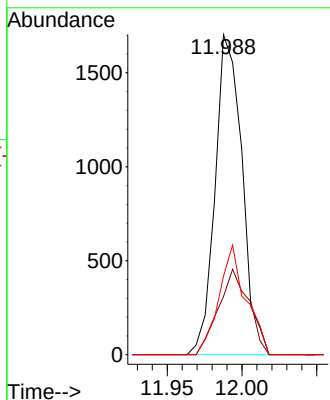
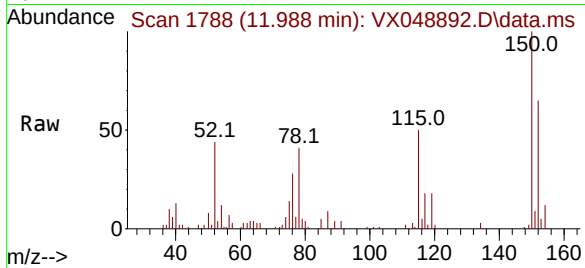




#86
 p-Isopropyltoluene
 Concen: 0.570 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048892.D
 Acq: 16 Dec 2025 16:29

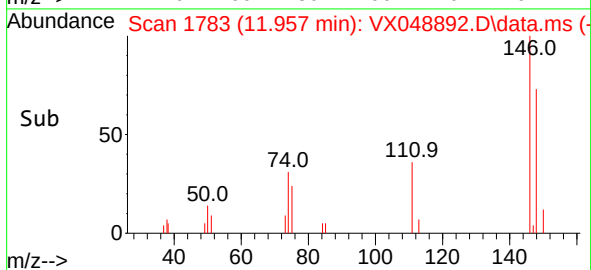
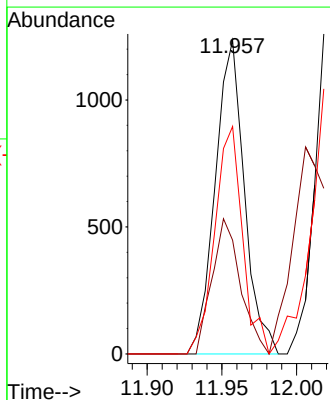
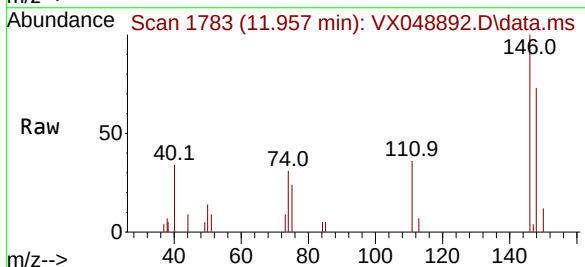
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

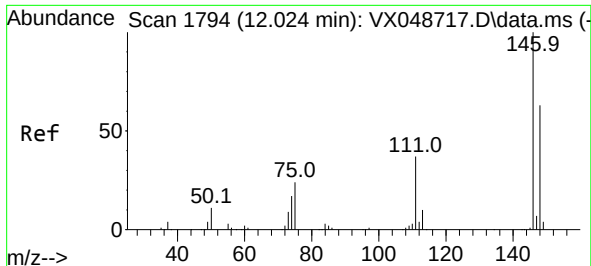
Tgt Ion:	119	Resp:	2131
Ion	Ratio	Lower	Upper
119	100		
134	29.9	13.1	39.3
91	34.4	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 0.803 ug/l
 RT: 11.957 min Scan# 1783
 Delta R.T. 0.006 min
 Lab File: VX048892.D
 Acq: 16 Dec 2025 16:29

Tgt Ion:	146	Resp:	1679
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	60.8
148	69.1	32.1	96.5

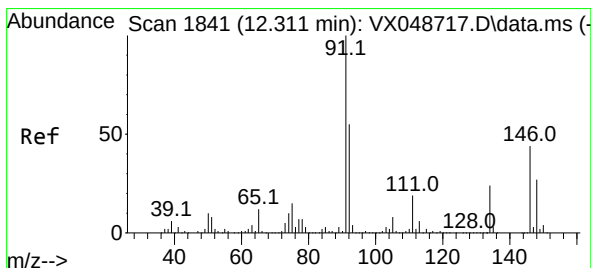
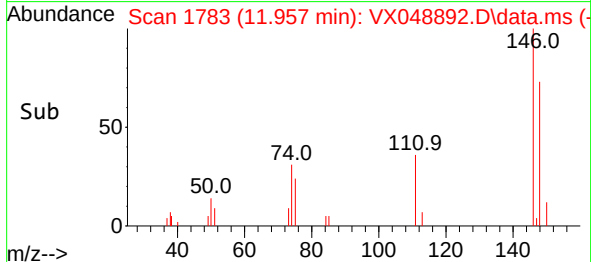
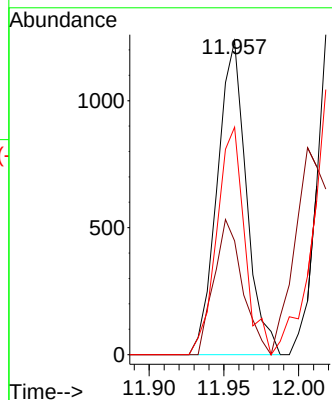
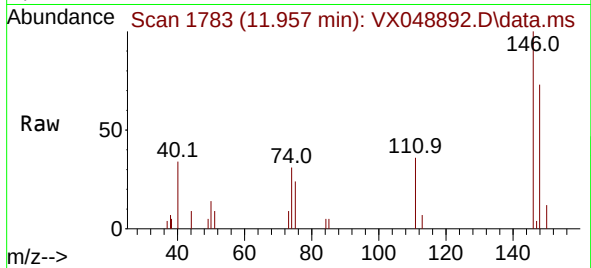




#88
1,4-Dichlorobenzene
Concen: 0.766 ug/l
RT: 11.957 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

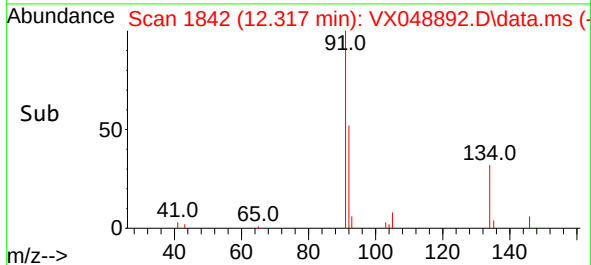
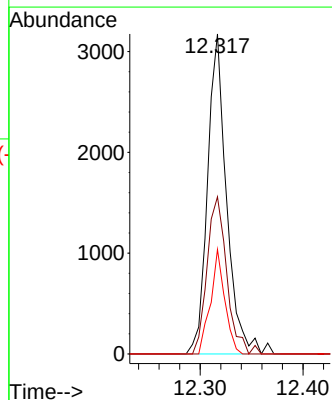
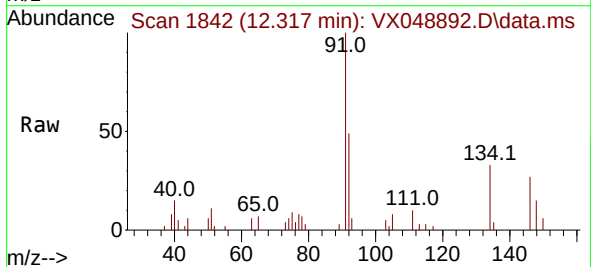
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

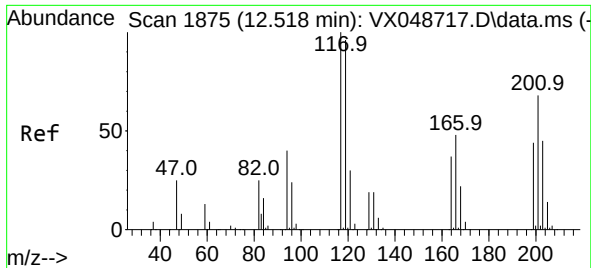
Tgt Ion:146 Resp: 1679
Ion Ratio Lower Upper
146 100
111 42.0 19.6 58.7
148 69.1 31.6 94.7



#89
n-Butylbenzene
Concen: 1.146 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion: 91 Resp: 4096
Ion Ratio Lower Upper
91 100
92 50.9 27.1 81.3
134 24.5 12.9 38.6

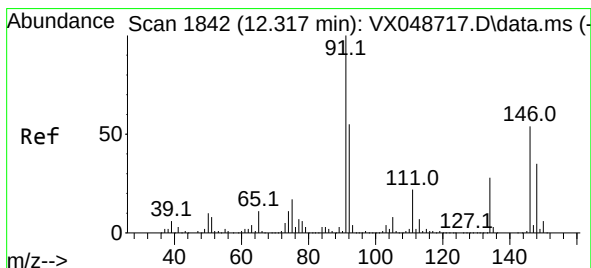
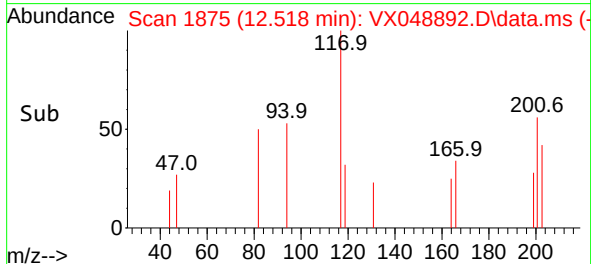
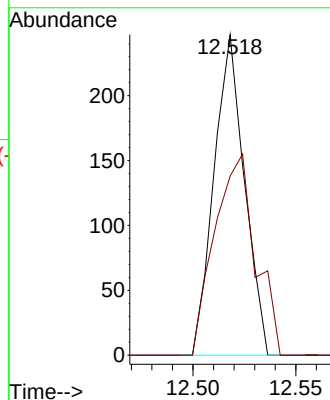
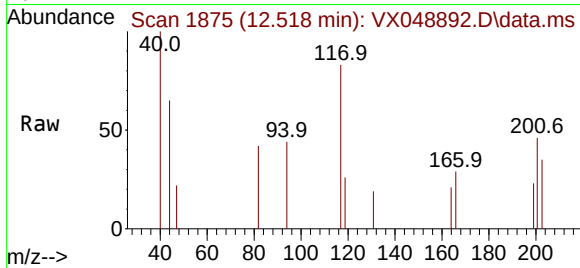




#90
Hexachloroethane
Concen: 0.316 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

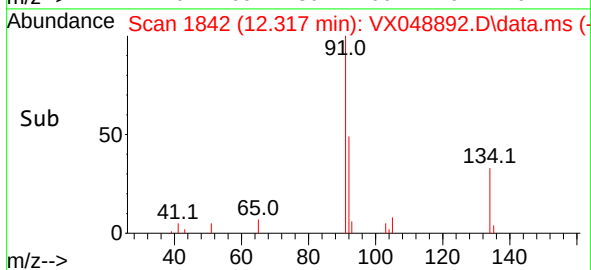
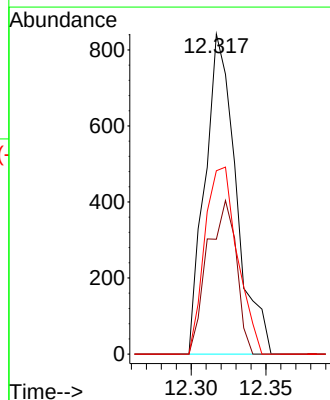
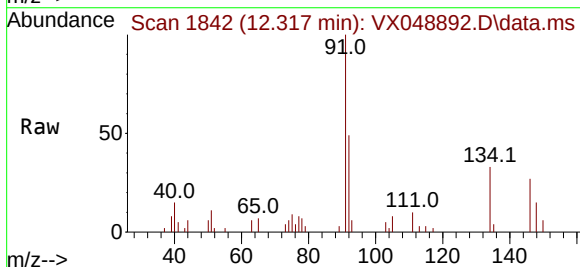
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

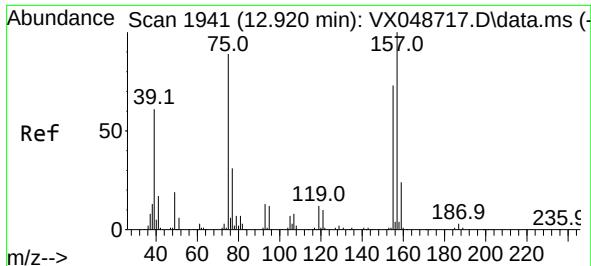
Tgt Ion:117 Resp: 254
Ion Ratio Lower Upper
117 100
201 84.3 36.4 109.1



#91
1,2-Dichlorobenzene
Concen: 0.590 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion:146 Resp: 1219
Ion Ratio Lower Upper
146 100
111 44.3 20.8 62.5
148 60.9 32.0 96.0

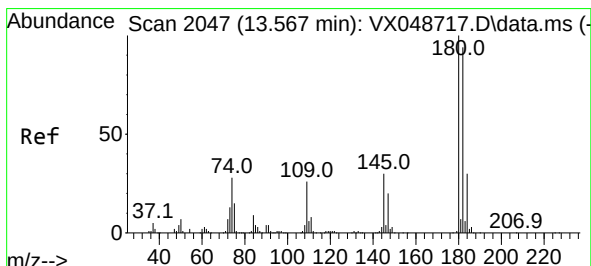
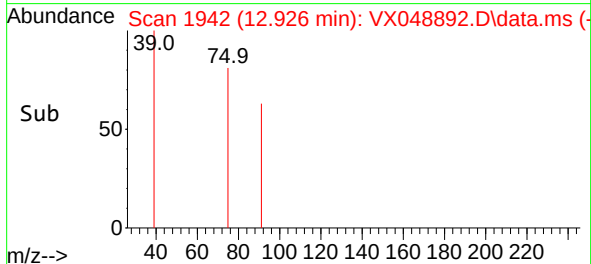
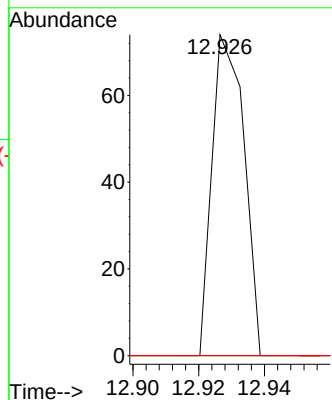
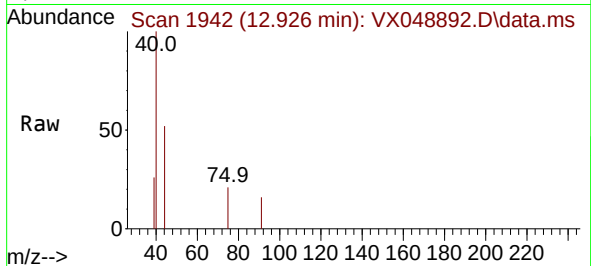




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.218 ug/l
RT: 12.926 min Scan# 1941
Delta R.T. 0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

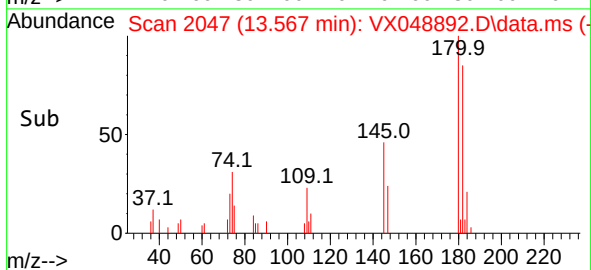
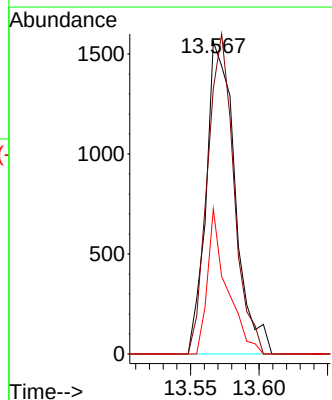
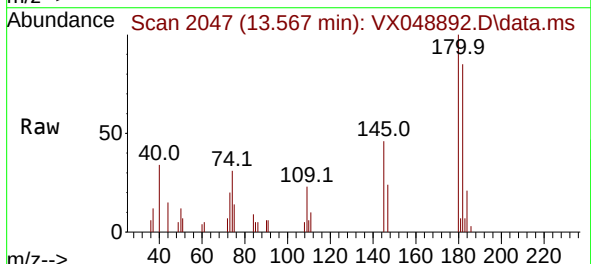
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

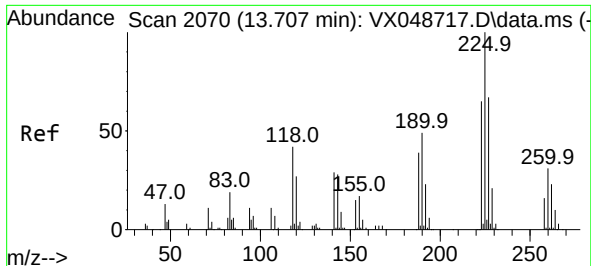
Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
155 0.0 43.0 129.2#
157 0.0 56.0 168.2#



#93
1,2,4-Trichlorobenzene
Concen: 1.929 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion: 180 Resp: 2292
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.8
145 31.2 15.1 45.3

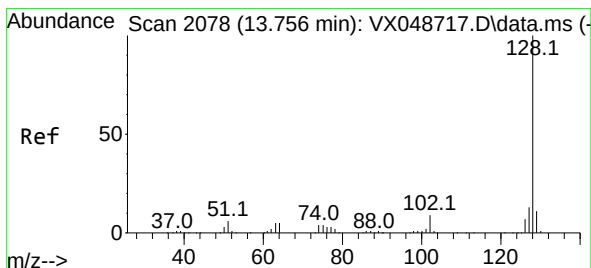
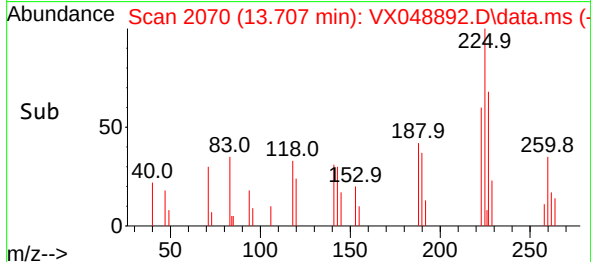
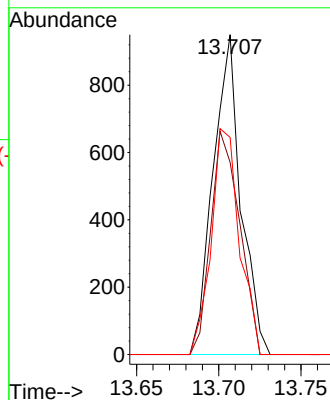
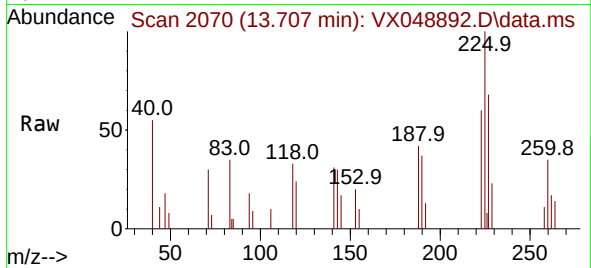




#94
Hexachlorobutadiene
Concen: 2.179 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

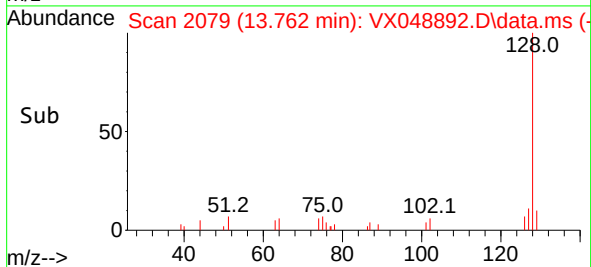
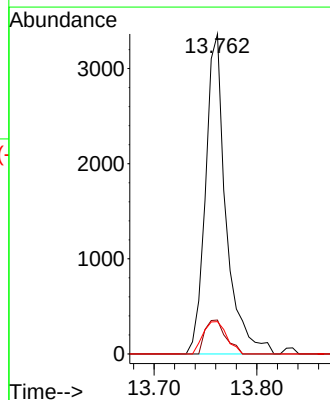
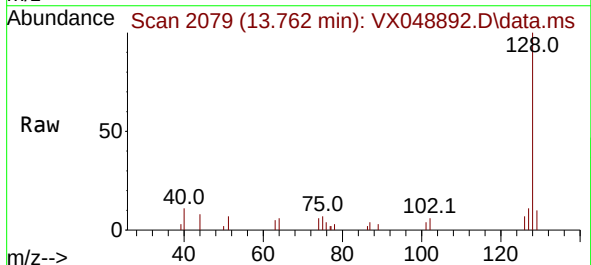
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

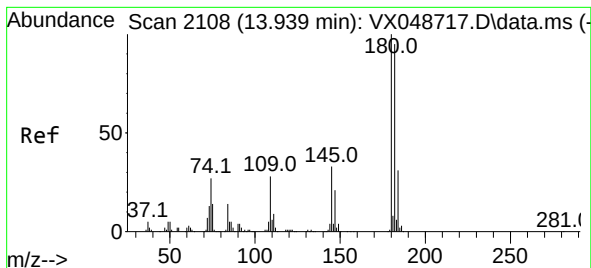
Tgt Ion:225 Resp: 1118
Ion Ratio Lower Upper
225 100
223 72.7 33.0 98.9
227 71.4 32.9 98.7



#95
Naphthalene
Concen: 1.550 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048892.D
Acq: 16 Dec 2025 16:29

Tgt Ion:128 Resp: 4652
Ion Ratio Lower Upper
128 100
127 10.8 10.2 15.2
129 11.7 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 2.060 ug/l

RT: 13.938 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048892.D

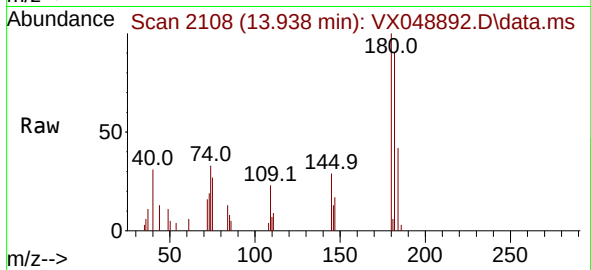
Acq: 16 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VIBLK



Tgt Ion:	180	Resp:	2200
Ion	Ratio	Lower	Upper
180	100		
182	101.7	48.0	144.2
145	32.1	16.6	49.8

