

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048228.D
 Acq On : 20 Oct 2025 10:38
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 20 11:17:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	88080	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	165954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	169129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	84911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	56453	41.372	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.740%
35) Dibromofluoromethane	5.373	113	48963	42.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.020%
50) Toluene-d8	8.634	98	166663	40.166	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	80.340%#
62) 4-Bromofluorobenzene	11.061	95	73310	48.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.020%

Target Compounds				Qvalue		
5) Bromomethane	1.623	94	318	0.412	ug/l	93
10) Methyl Iodide	2.471	142	925	0.740	ug/l #	90
11) Tert butyl alcohol	2.940	59	65	0.718	ug/l #	72
13) Acrolein	2.239	56	80	0.420	ug/l #	1
15) Acrylonitrile	3.074	53	307	0.708	ug/l #	80
16) Acetone	2.373	43	431	0.926	ug/l	96
17) Carbon Disulfide	2.514	76	2234	0.711	ug/l #	92
21) trans-1,2-Dichloroethene	3.087	96	243	0.230	ug/l #	42
23) Vinyl Acetate	3.727	43	540	0.201	ug/l #	73
36) 1,1-Dichloropropene	5.531	75	7101	4.377	ug/l #	49
38) Carbon Tetrachloride	5.525	117	9230	4.956	ug/l #	19
39) Methylcyclohexane	7.366	83	496	0.271	ug/l #	90
51) 4-Methyl-2-Pentanone	8.561	43	418	0.345	ug/l #	37
58) 2-Chloroethyl Vinyl ether	8.244	63	68	14.400	ug/l #	47
59) 2-Hexanone	9.427	43	333	0.393	ug/l #	45
64) Tetrachloroethene	9.250	164	447	0.377	ug/l #	48
68) m/p-Xylenes	10.287	106	716	0.303	ug/l	97
76) 1,2,3-Trichloropropane	11.061	75	37317	20.555	ug/l #	39
78) n-propylbenzene	11.286	91	2554	0.357	ug/l	94
79) 2-Chlorotoluene	11.347	91	954	0.220	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	1526	0.315	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.061	75	37317	70.472	ug/l #	8
82) 4-Chlorotoluene	11.433	91	1307	0.257	ug/l	99
83) tert-Butylbenzene	11.695	119	2005	0.409	ug/l	95
84) 1,2,4-Trimethylbenzene	11.738	105	1740	0.360	ug/l	95
85) sec-Butylbenzene	11.872	105	3507	0.586	ug/l	96
86) p-Isopropyltoluene	11.987	119	3544	0.702	ug/l	95
87) 1,3-Dichlorobenzene	11.951	146	1002	0.363	ug/l	93
88) 1,4-Dichlorobenzene	11.951	146	1002	0.350	ug/l	93
89) n-Butylbenzene	12.317	91	4747	1.010	ug/l	97
90) Hexachloroethane	12.518	117	826	0.775	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	753	0.288	ug/l	96
93) 1,2,4-Trichlorobenzene	13.573	180	2032	1.318	ug/l	80
94) Hexachlorobutadiene	13.707	225	2581	4.341	ug/l	95
95) Naphthalene	13.762	128	4217	1.038	ug/l	97
96) 1,2,3-Trichlorobenzene	13.944	180	2242	1.576	ug/l	95

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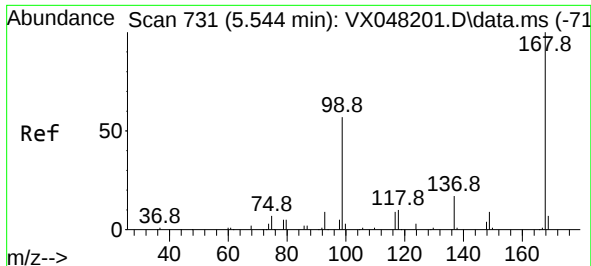
Quant Time: Oct 20 11:17:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

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

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

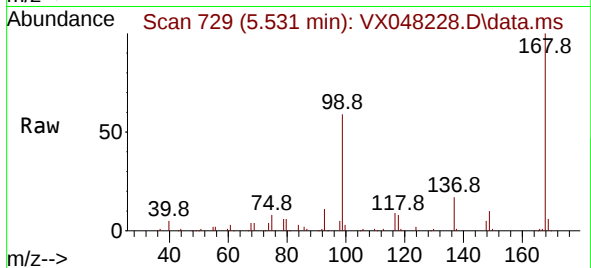
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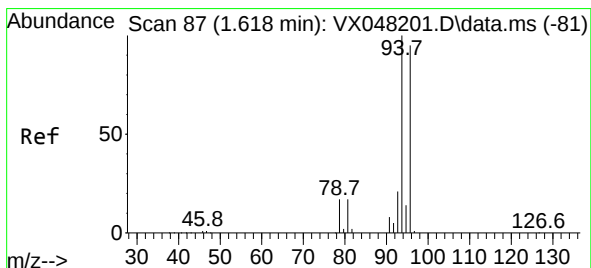
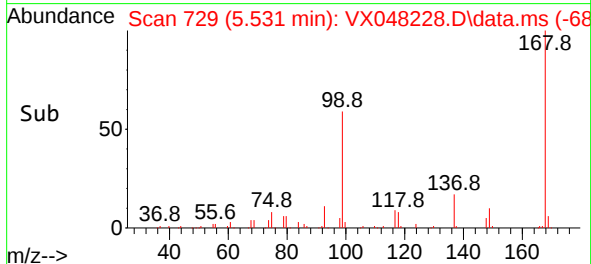
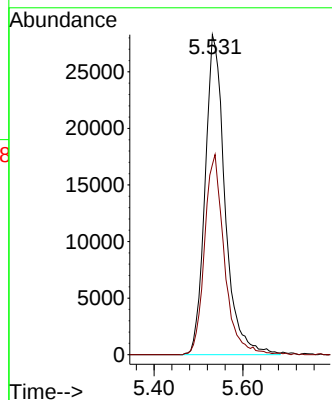


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
IBLK

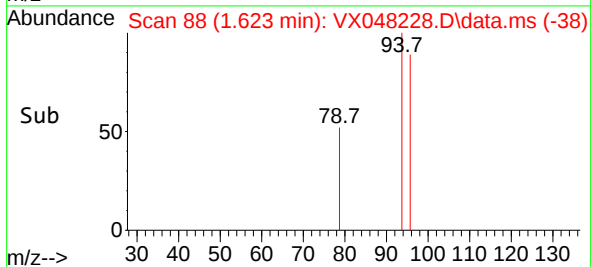
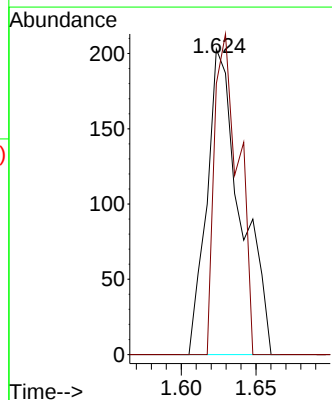
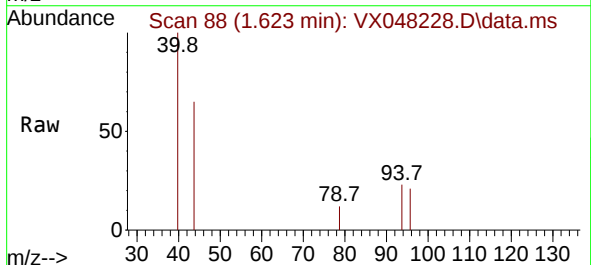


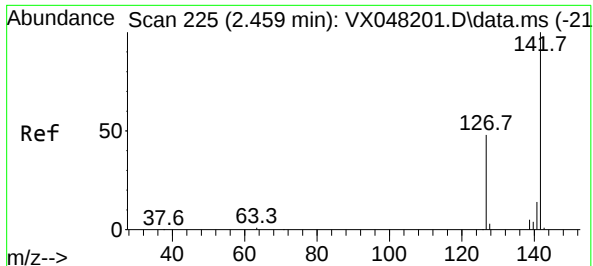
Tgt Ion:168 Resp: 88080
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2



#5
Bromomethane
Concen: 0.412 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion: 94 Resp: 318
Ion Ratio Lower Upper
94 100
96 88.7 76.6 115.0

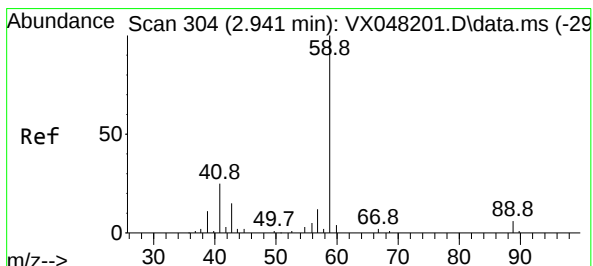
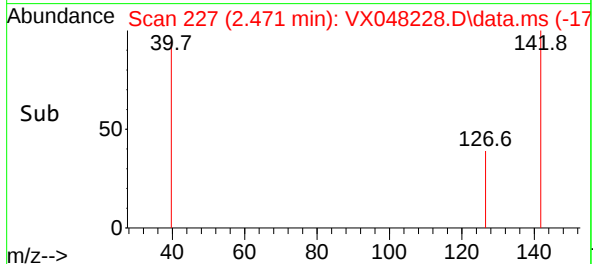
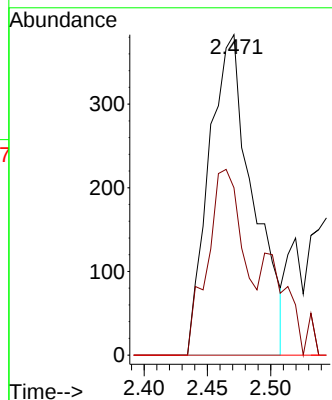
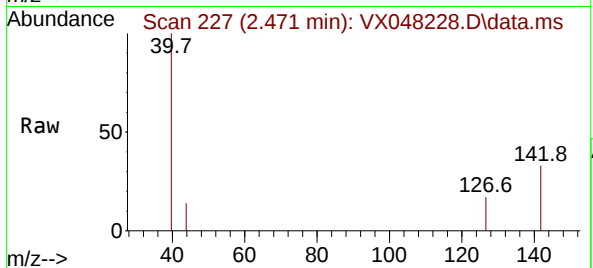




#10
Methyl Iodide
Concen: 0.740 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

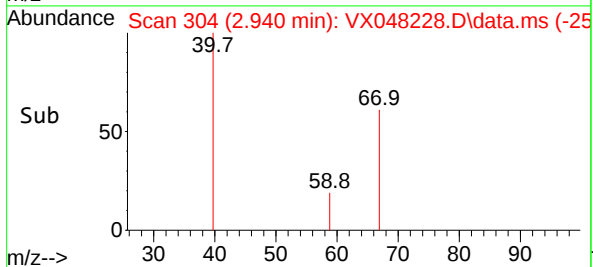
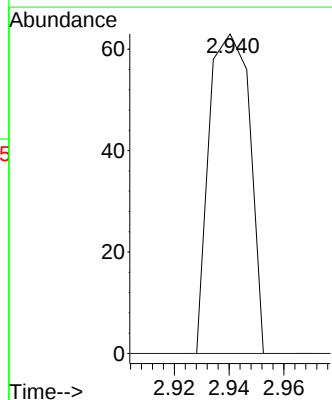
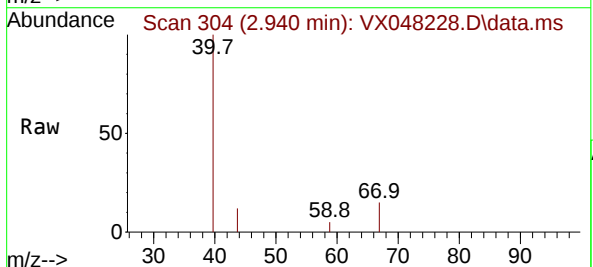
Instrument :
MSVOA_X
ClientSampleId :
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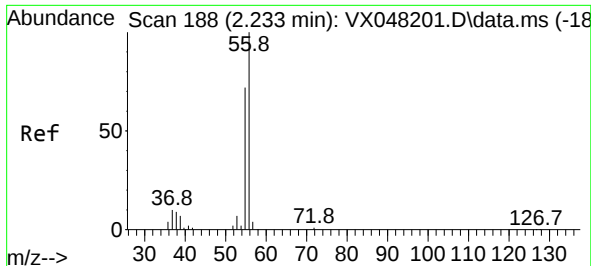
Tgt Ion:142 Resp: 925
Ion Ratio Lower Upper
142 100
127 48.4 37.2 55.8
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.718 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

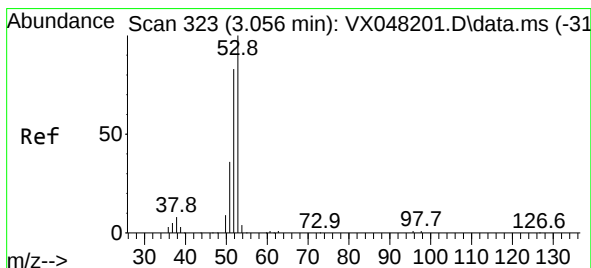
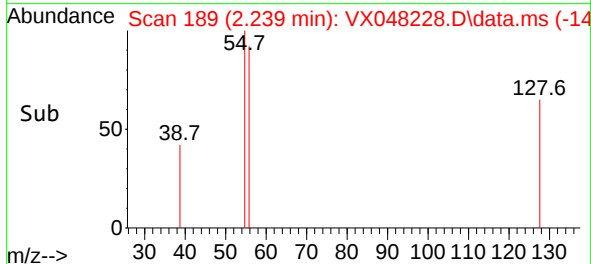
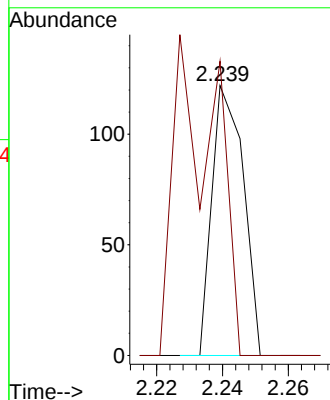
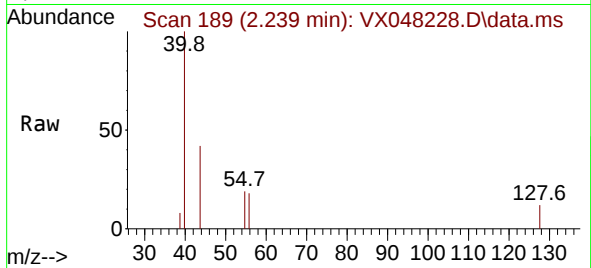




#13
Acrolein
Concen: 0.420 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

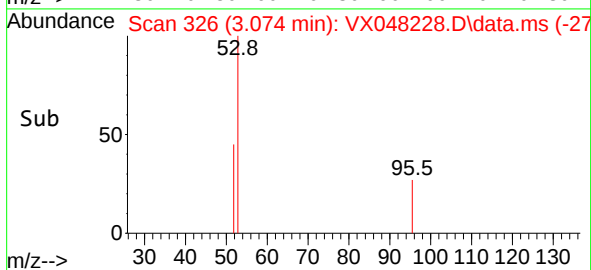
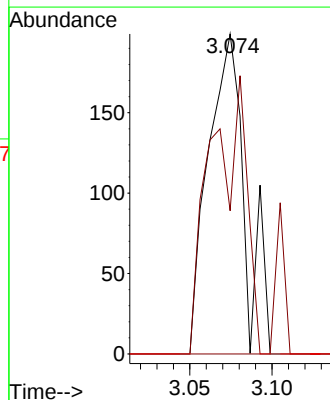
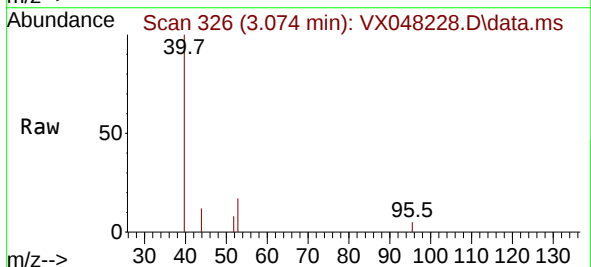
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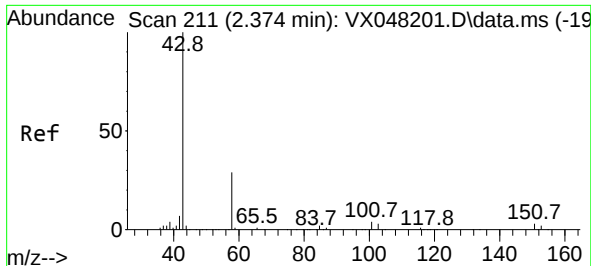
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 157.5 57.2 85.8#



#15
Acrylonitrile
Concen: 0.708 ug/l
RT: 3.074 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion: 53 Resp: 307
Ion Ratio Lower Upper
53 100
52 84.7 66.4 99.6
51 0.0 29.5 44.3#

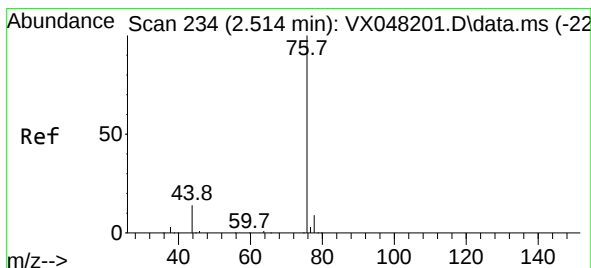
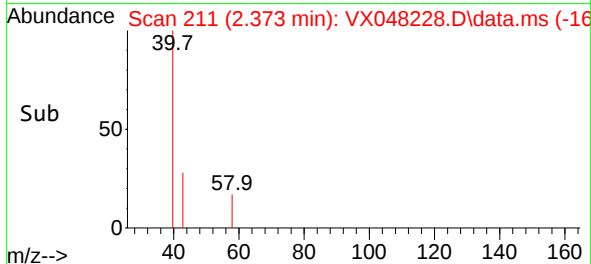
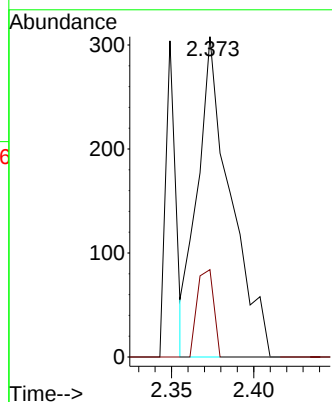
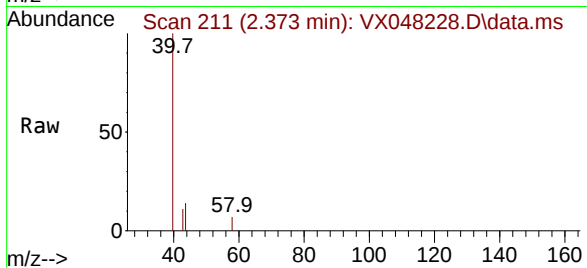




#16
Acetone
Concen: 0.926 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

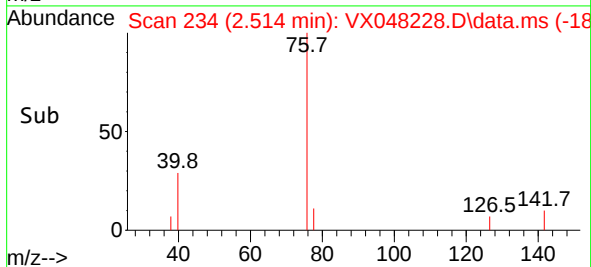
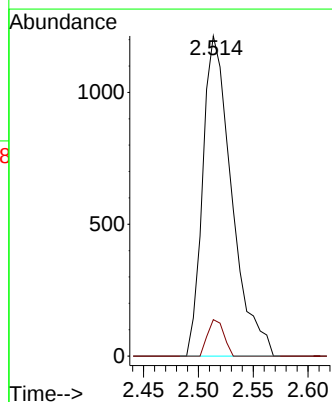
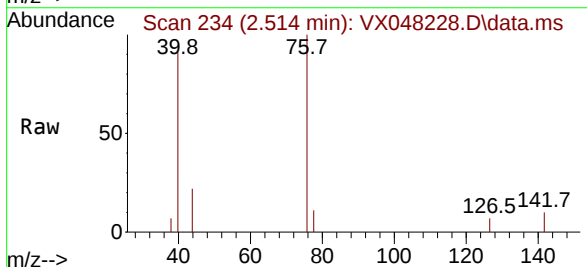
Instrument :
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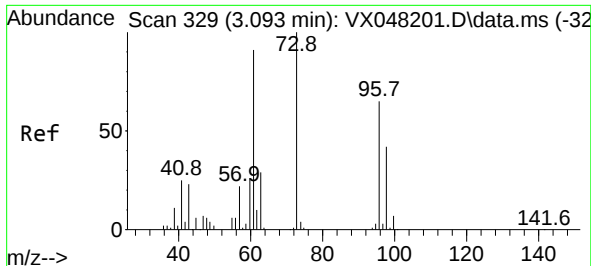
Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
58 27.3 23.4 35.0



#17
Carbon Disulfide
Concen: 0.711 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion: 76 Resp: 2234
Ion Ratio Lower Upper
76 100
78 11.4 6.8 10.2#

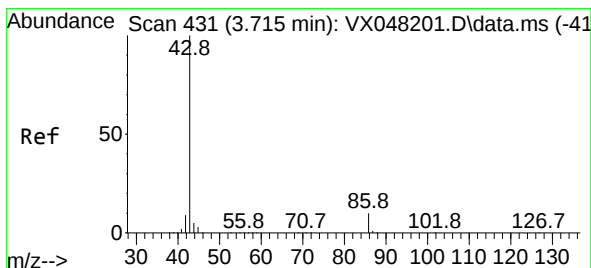
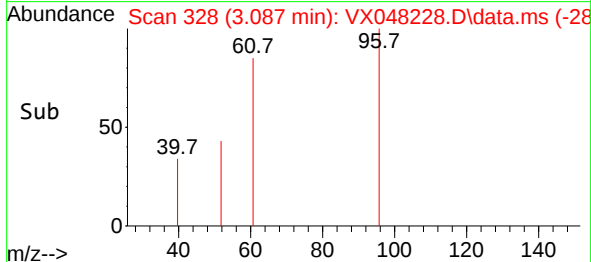
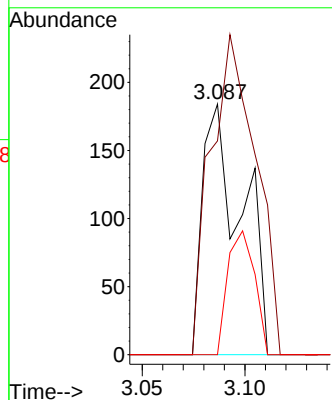
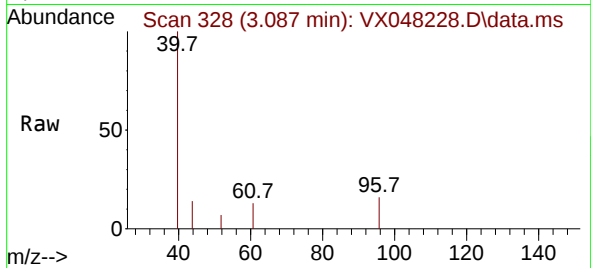




#21
trans-1,2-Dichloroethene
Concen: 0.230 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

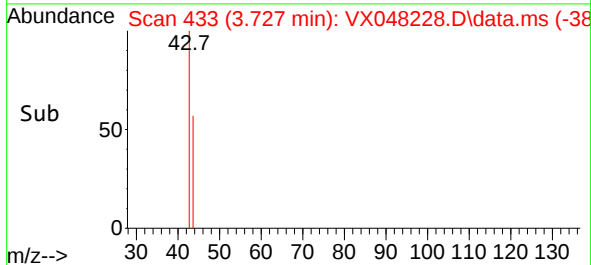
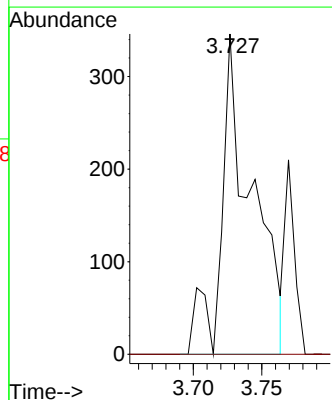
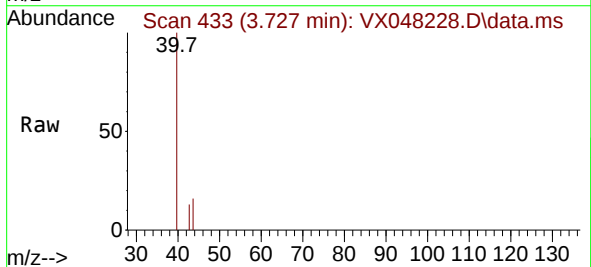
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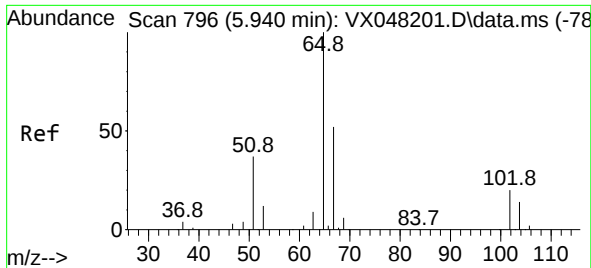
Tgt Ion: 96 Resp: 243
Ion Ratio Lower Upper
96 100
61 85.3 116.2 174.2#
98 0.0 49.3 73.9#



#23
Vinyl Acetate
Concen: 0.201 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.012 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion: 43 Resp: 540
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#

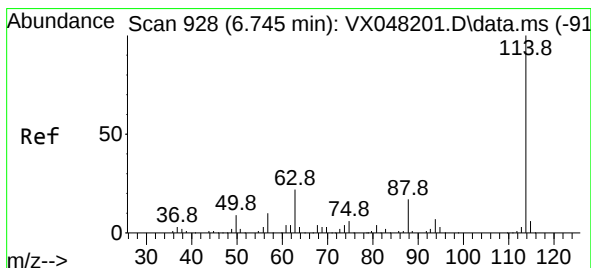
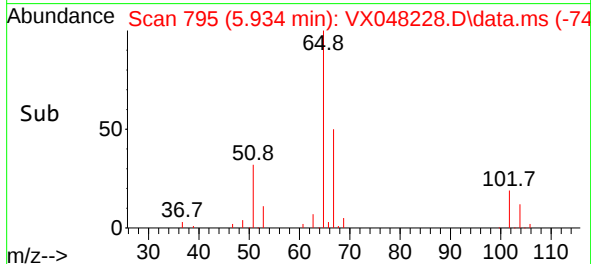
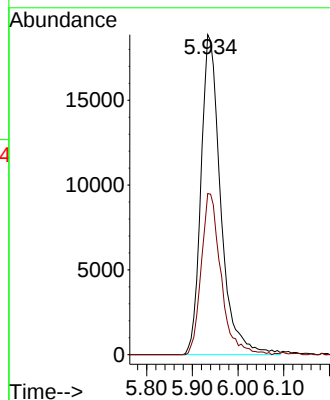
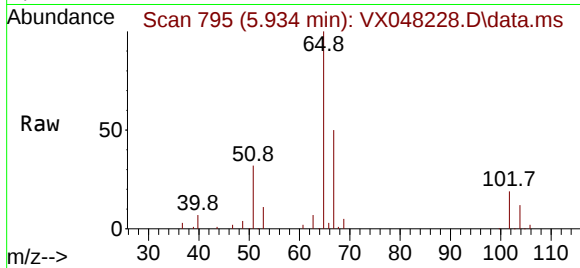




#33
 1,2-Dichloroethane-d4
 Concen: 41.372 ug/l
 RT: 5.934 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: VX048228.D
 Acq: 20 Oct 2025 10:38

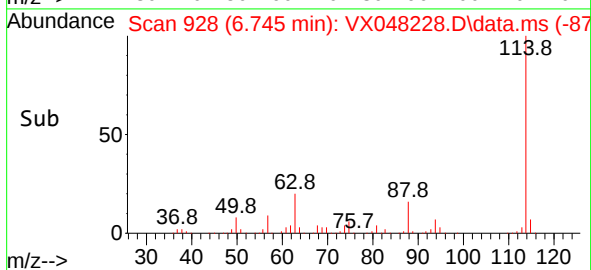
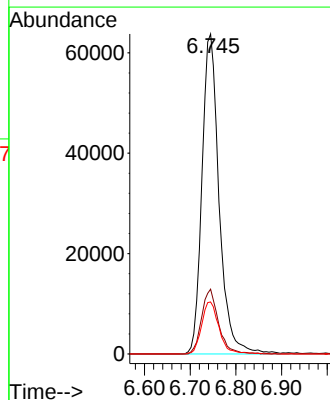
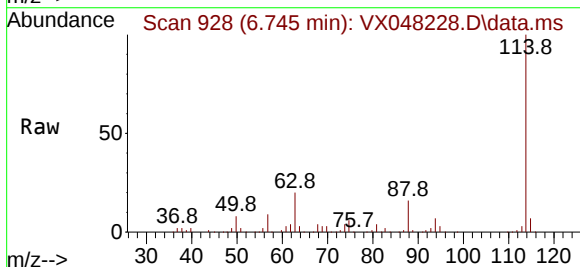
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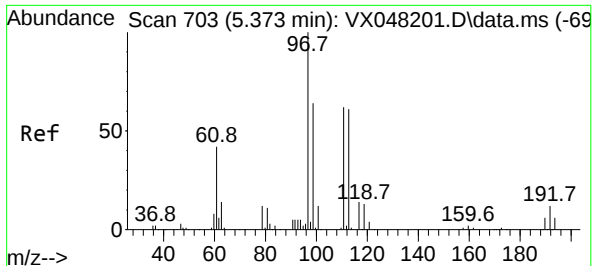
Tgt Ion: 65 Resp: 56453
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048228.D
 Acq: 20 Oct 2025 10:38

Tgt Ion: 114 Resp: 165954
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.0
 88 16.3 0.0 34.2

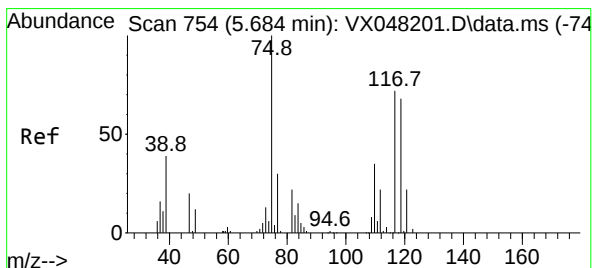
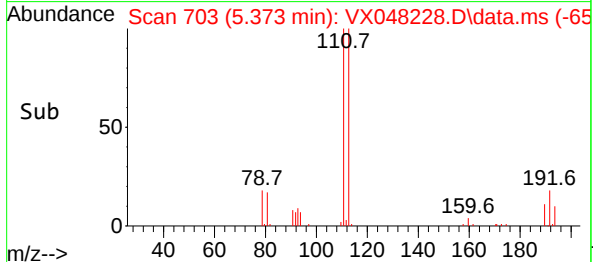
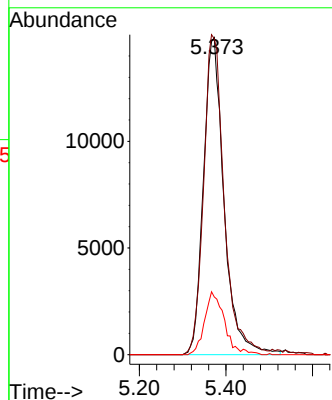
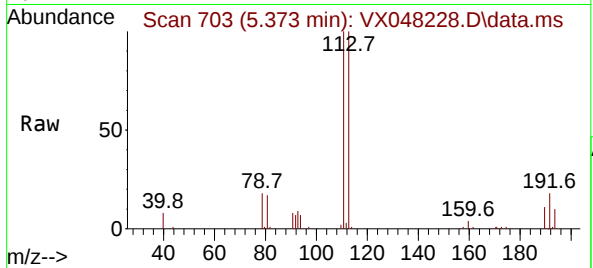




#35
Dibromofluoromethane
Concen: 42.511 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

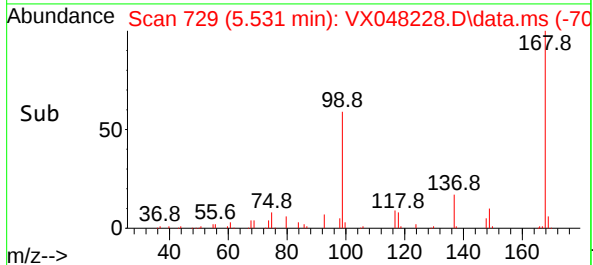
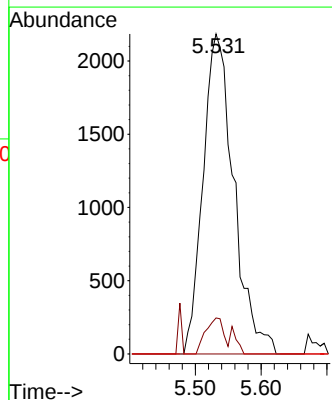
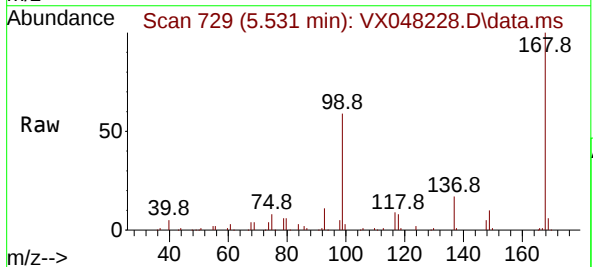
Instrument :
MSVOA_X
ClientSampleId :
IBLK

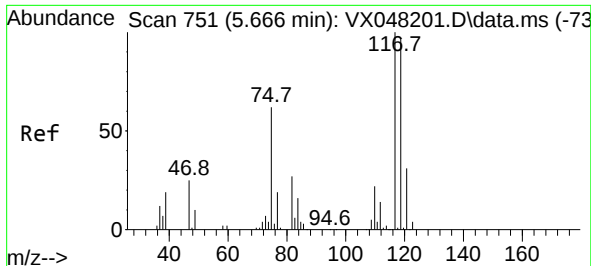
Tgt Ion:113 Resp: 48963
Ion Ratio Lower Upper
113 100
111 101.0 80.9 121.3
192 18.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.377 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.153 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

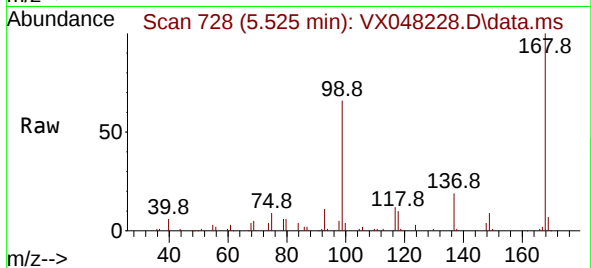
Tgt Ion: 75 Resp: 7101
Ion Ratio Lower Upper
75 100
110 6.6 16.7 50.1#
77 0.0 24.3 36.5#



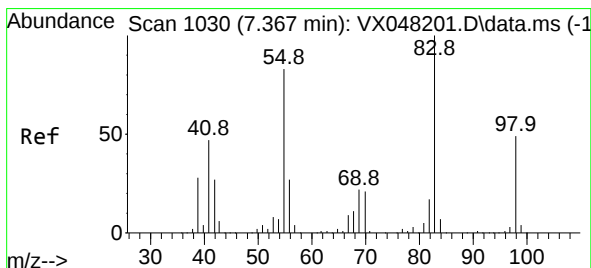
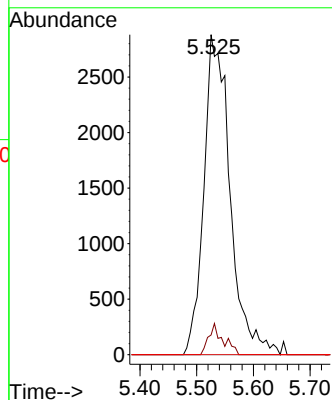
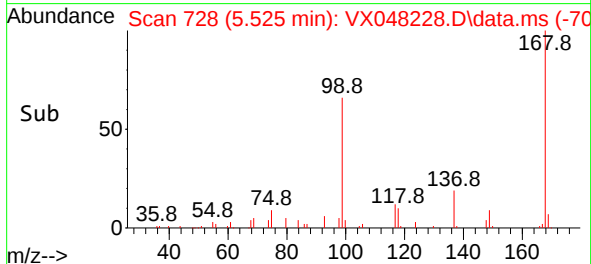


#38
Carbon Tetrachloride
Concen: 4.956 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
IBLK

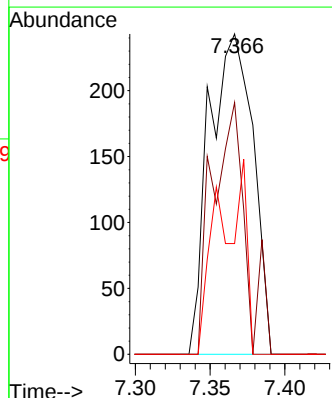
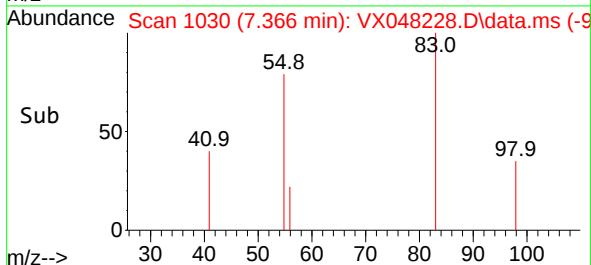
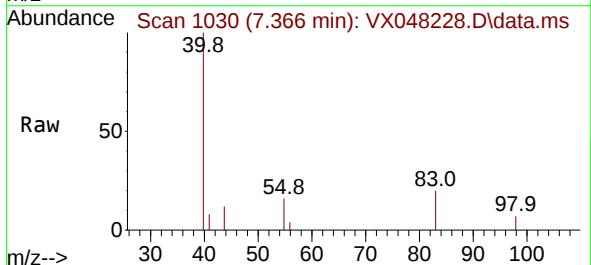


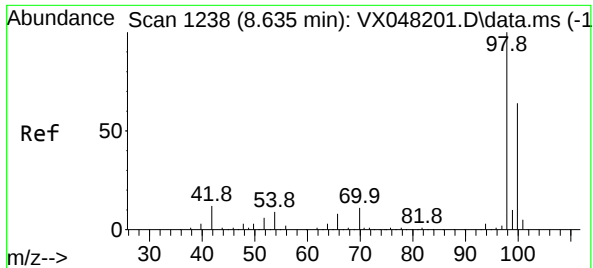
Tgt Ion:117 Resp: 9230
Ion Ratio Lower Upper
117 100
119 6.2 73.4 110.2#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.271 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion: 83 Resp: 496
Ion Ratio Lower Upper
83 100
55 78.6 66.4 99.6
98 34.6 38.1 57.1#

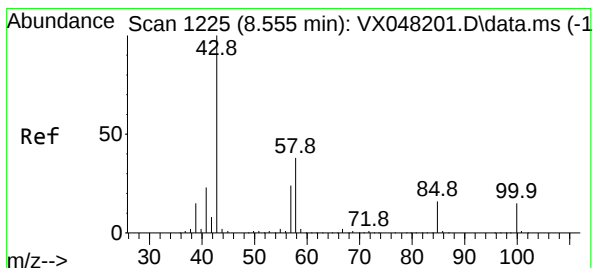
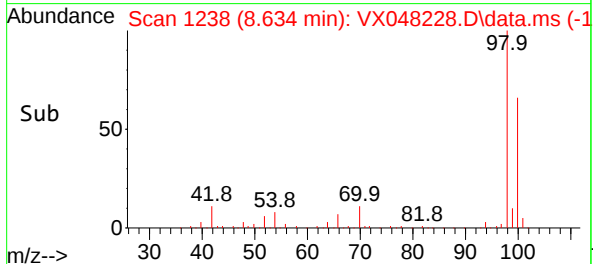
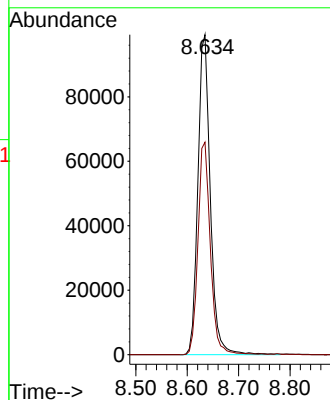
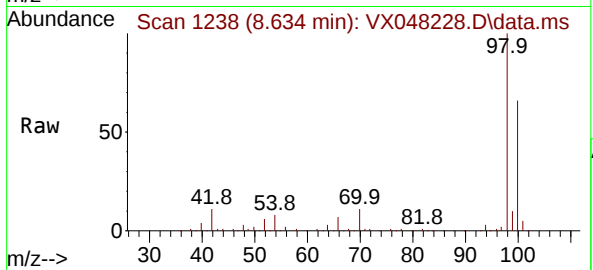




#50
Toluene-d8
Concen: 40.166 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

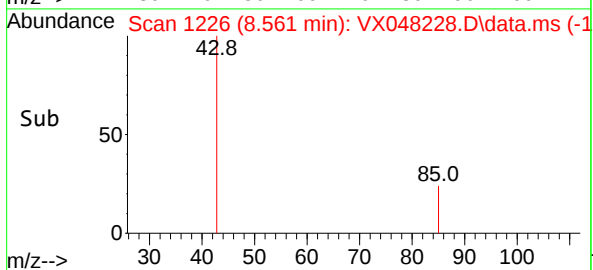
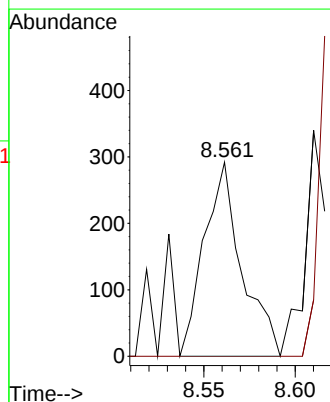
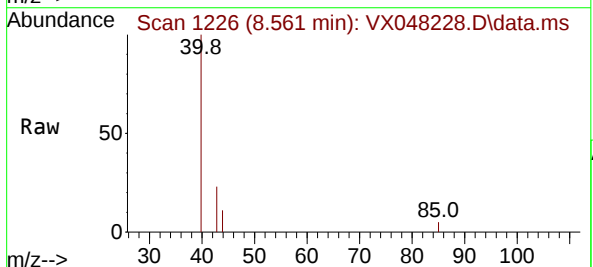
Instrument :
MSVOA_X
ClientSampleId :
IBLK

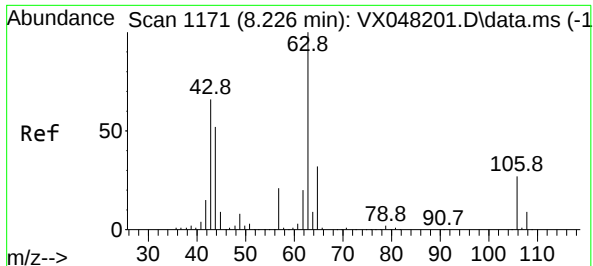
Tgt Ion: 98 Resp: 166663
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.345 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
58 0.0 30.3 45.5#

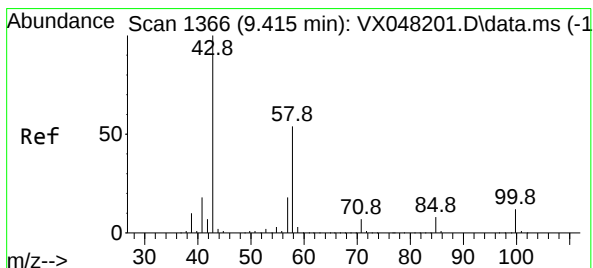
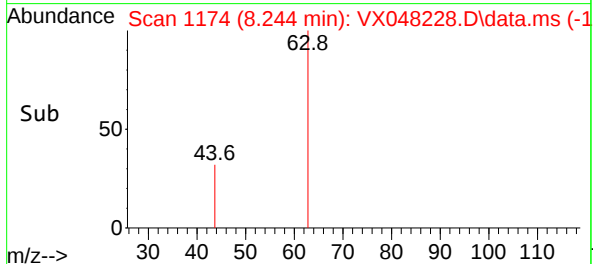
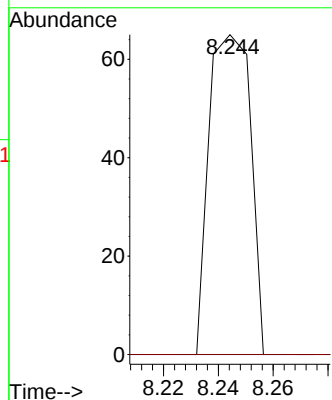
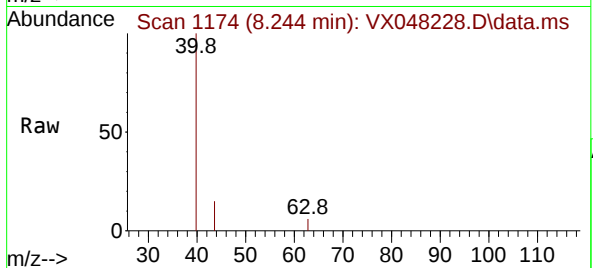




#58
2-Chloroethyl Vinyl ether
Concen: 14.400 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.018 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

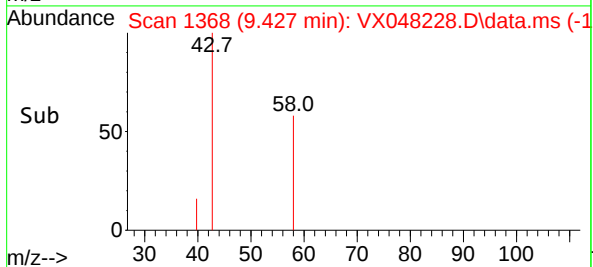
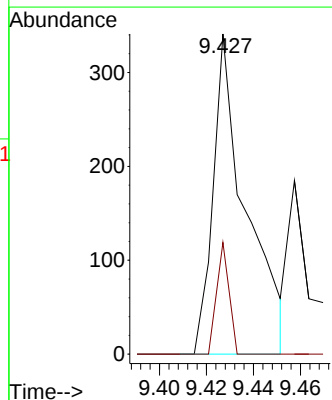
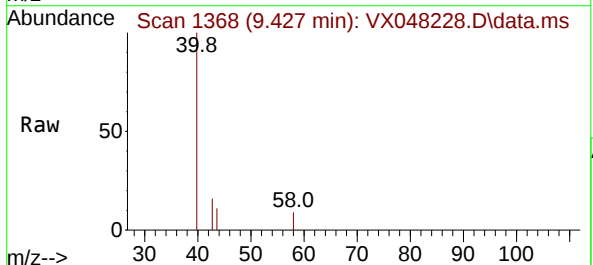
Instrument :
MSVOA_X
ClientSampleId :
IBLK

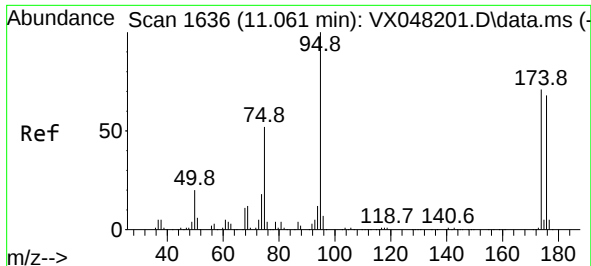
Tgt Ion: 63 Resp: 68
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#59
2-Hexanone
Concen: 0.393 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.012 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
58 13.2 26.1 78.2#





#62

4-Bromofluorobenzene

Concen: 48.508 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048228.D

Acq: 20 Oct 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

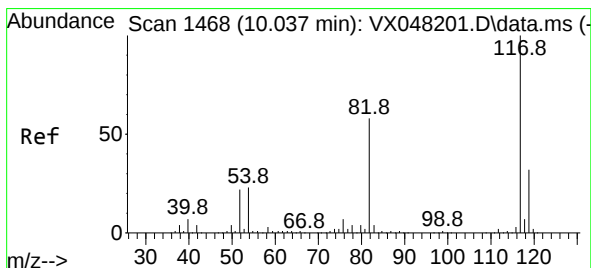
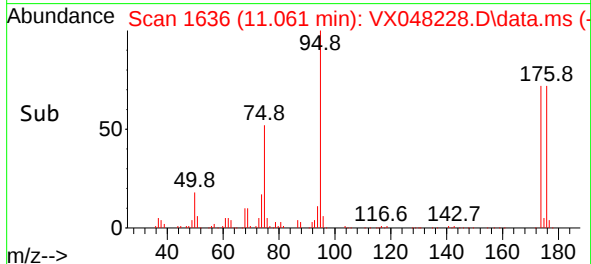
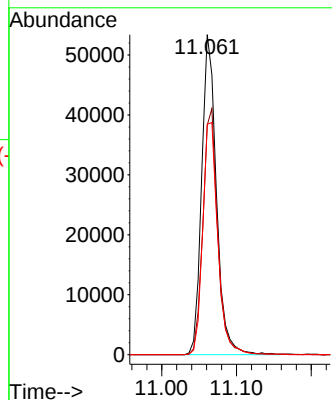
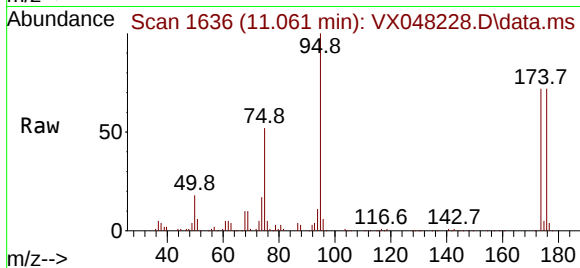
Tgt Ion: 95 Resp: 73310

Ion Ratio Lower Upper

95 100

174 76.6 0.0 141.6

176 74.4 0.0 138.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048228.D

Acq: 20 Oct 2025 10:38

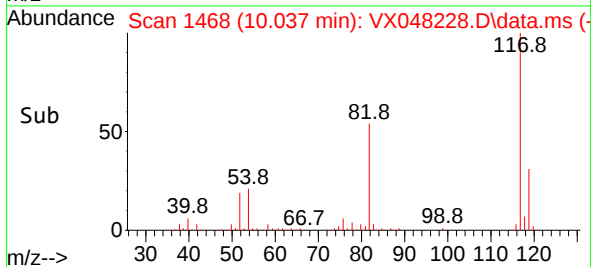
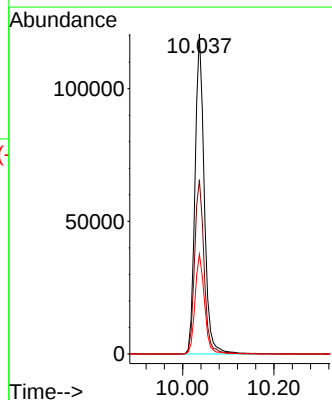
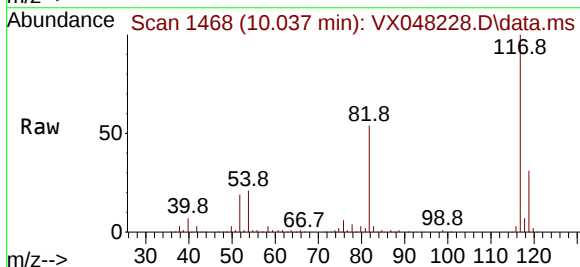
Tgt Ion: 117 Resp: 169129

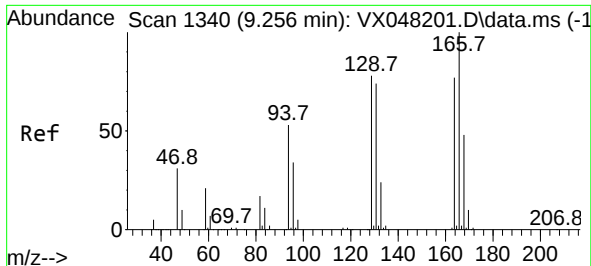
Ion Ratio Lower Upper

117 100

82 54.5 47.8 71.6

119 31.1 25.2 37.8

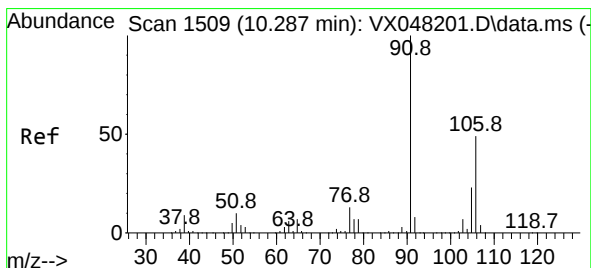
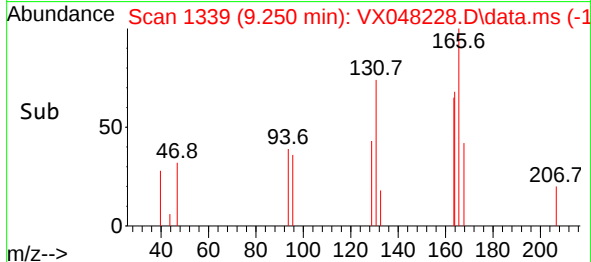
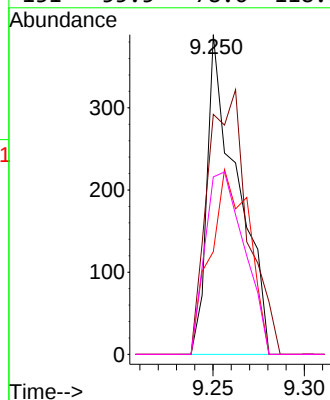
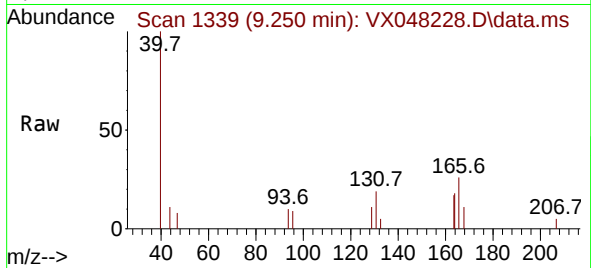




#64
Tetrachloroethene
Concen: 0.377 ug/l
RT: 9.250 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

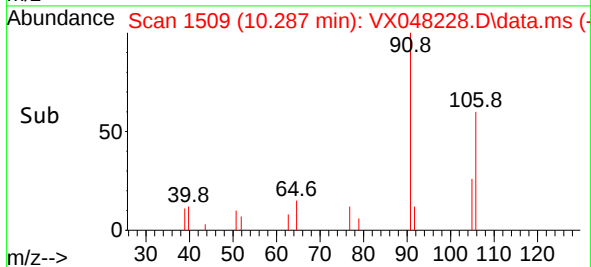
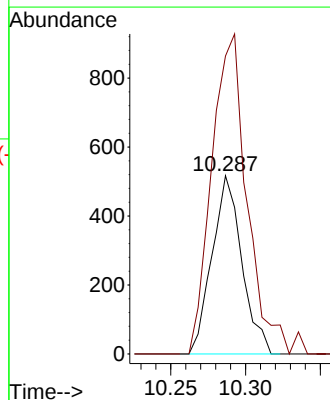
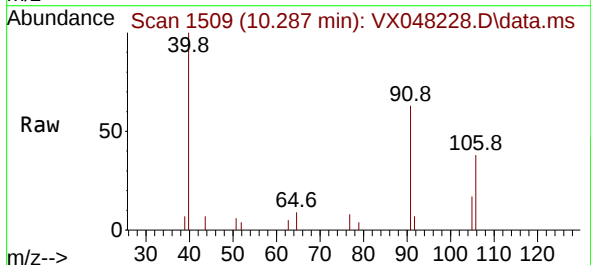
Instrument :
MSVOA_X
ClientSampleId :
IBLK

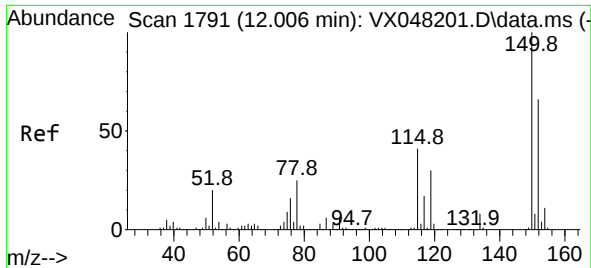
Tgt Ion:164	Resp:	447	
Ion	Ratio	Lower	Upper
164	100		
166	75.1	100.2	150.2#
129	32.1	81.8	122.6#
131	55.5	78.6	118.0#



#68
m/p-Xylenes
Concen: 0.303 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion:106	Resp:	716	
Ion	Ratio	Lower	Upper
106	100		
91	214.8	167.8	251.8

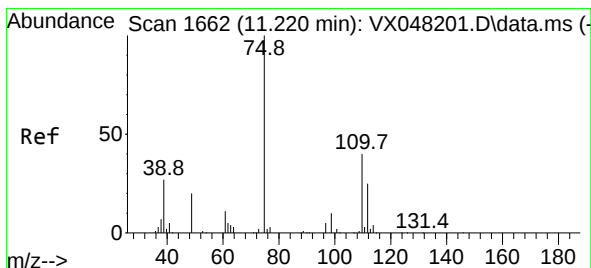
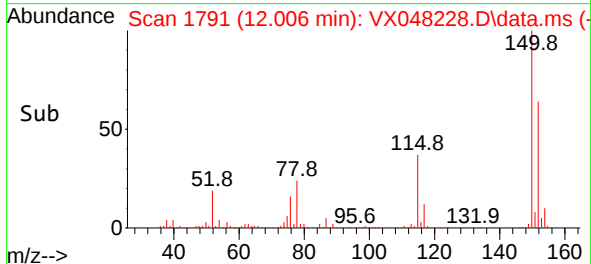
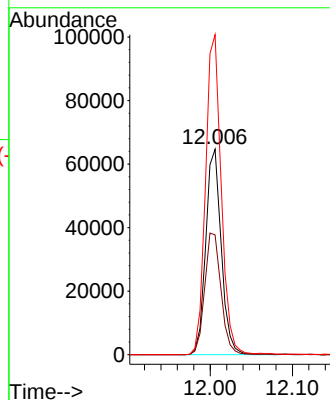
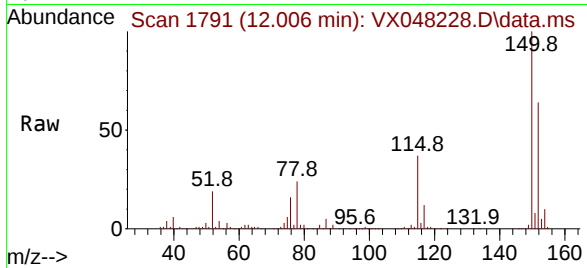




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048228.D
 Acq: 20 Oct 2025 10:38

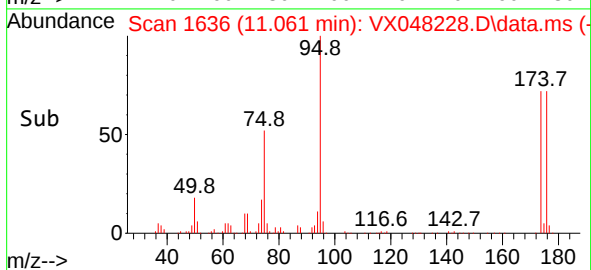
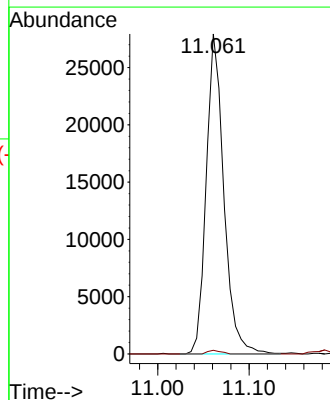
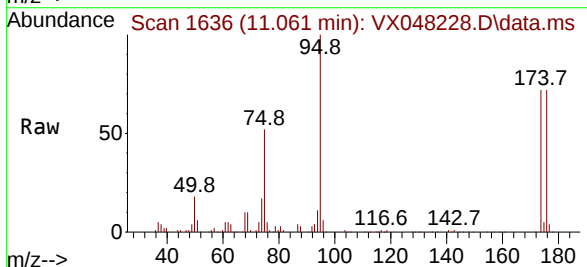
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

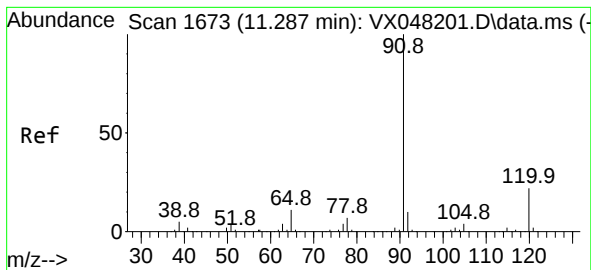
Tgt Ion:152 Resp: 84911
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.9 134.5
 150 156.8 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 20.555 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048228.D
 Acq: 20 Oct 2025 10:38

Tgt Ion: 75 Resp: 37317
 Ion Ratio Lower Upper
 75 100
 77 0.9 18.8 56.4#





#78

n-propylbenzene

Concen: 0.357 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048228.D

Acq: 20 Oct 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

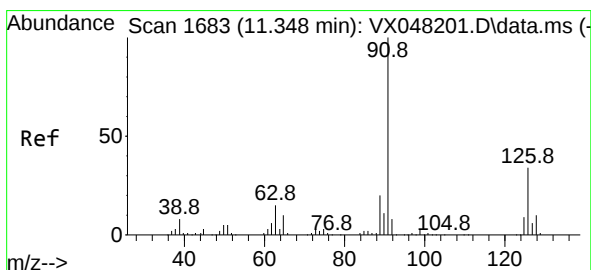
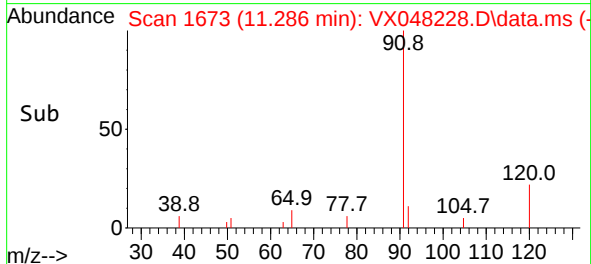
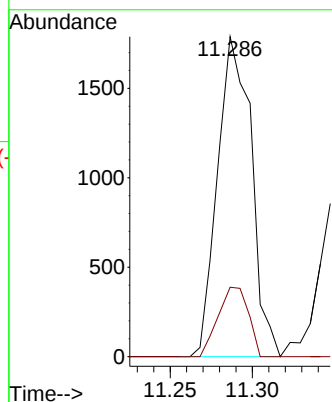
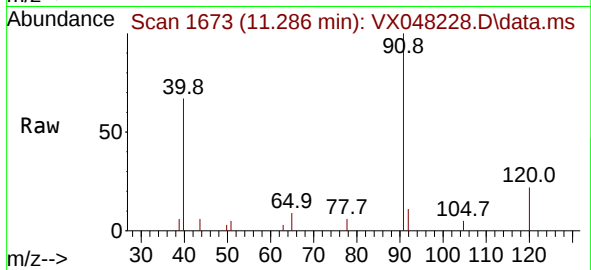
IBLK

Tgt Ion: 91 Resp: 2554

Ion Ratio Lower Upper

91 100

120 19.4 11.1 33.1



#79

2-Chlorotoluene

Concen: 0.220 ug/l

RT: 11.347 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VX048228.D

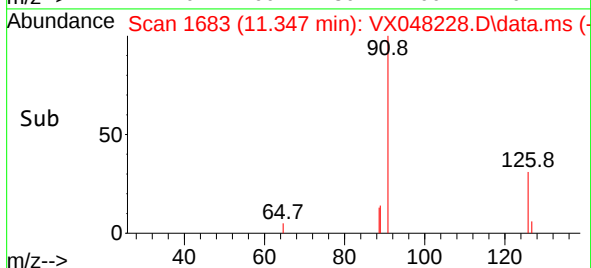
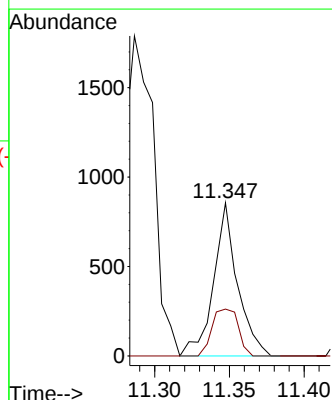
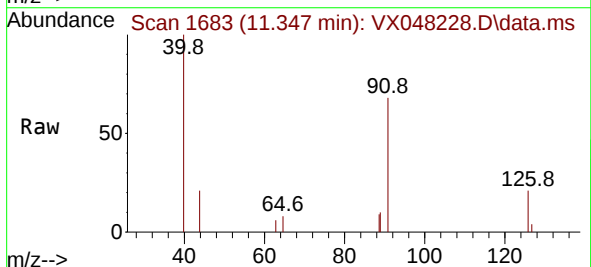
Acq: 20 Oct 2025 10:38

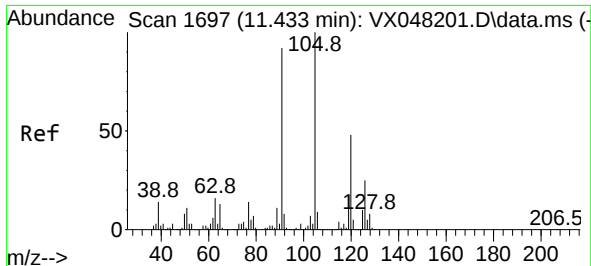
Tgt Ion: 91 Resp: 954

Ion Ratio Lower Upper

91 100

126 33.4 16.1 48.3

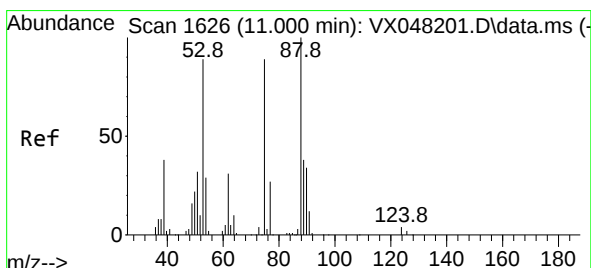
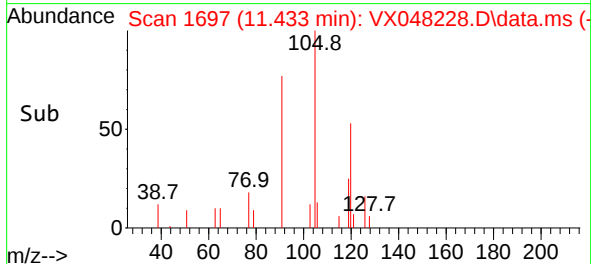
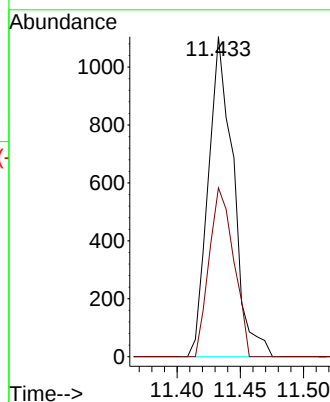
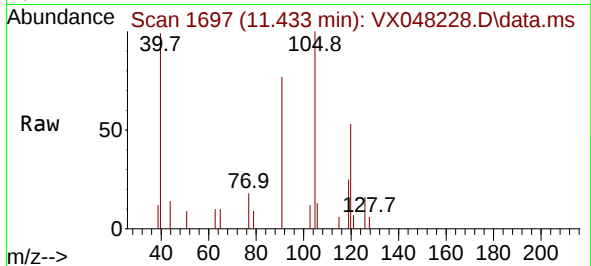




#80
1,3,5-Trimethylbenzene
Concen: 0.315 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

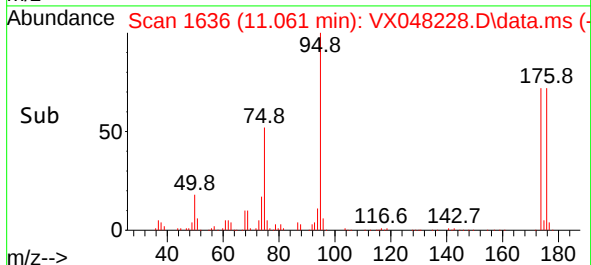
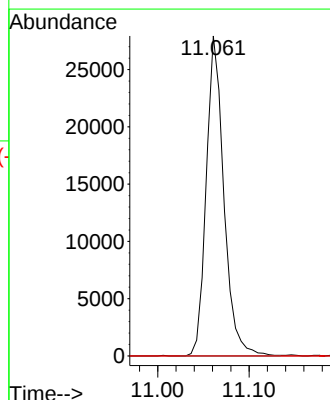
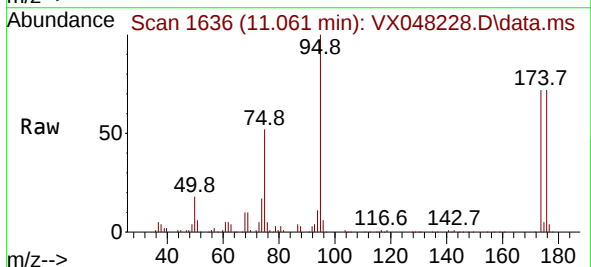
Instrument :
MSVOA_X
ClientSampleId :
IBLK

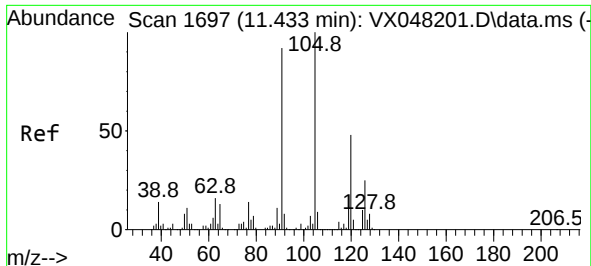
Tgt Ion:105 Resp: 1526
Ion Ratio Lower Upper
105 100
120 51.8 23.6 70.8



#81
trans-1,4-Dichloro-2-butene
Concen: 70.472 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion: 75 Resp: 37317
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

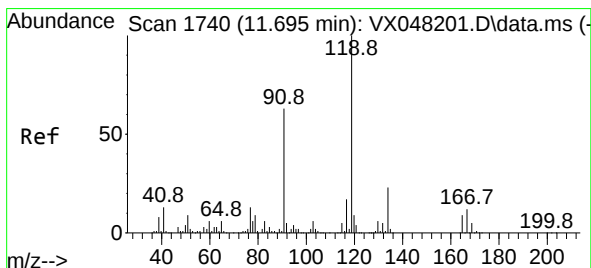
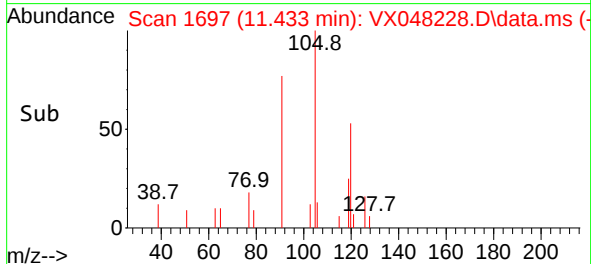
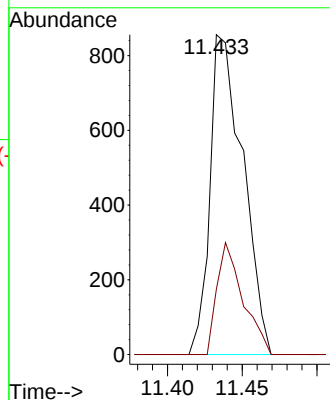
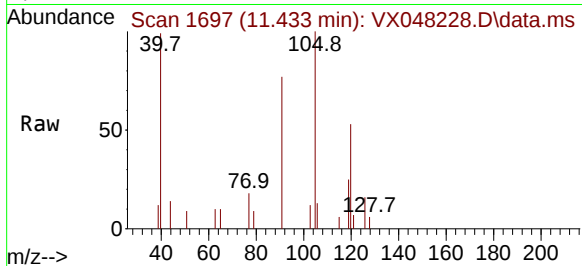




#82
4-Chlorotoluene
Concen: 0.257 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

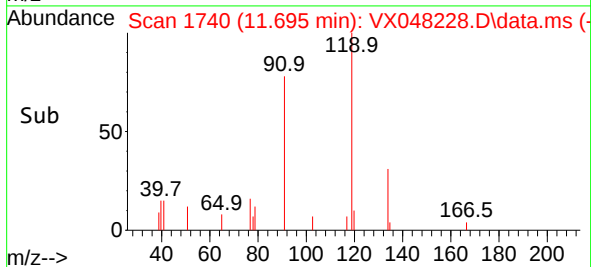
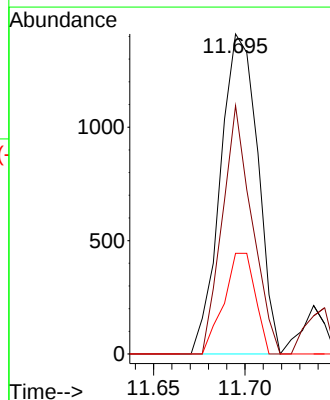
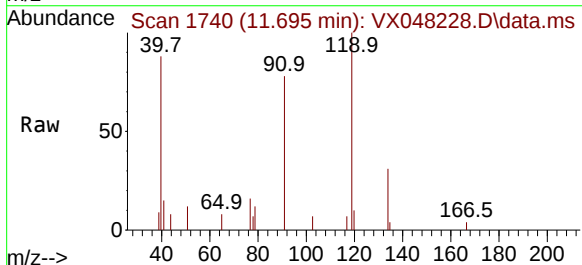
Instrument :
MSVOA_X
ClientSampleId :
IBLK

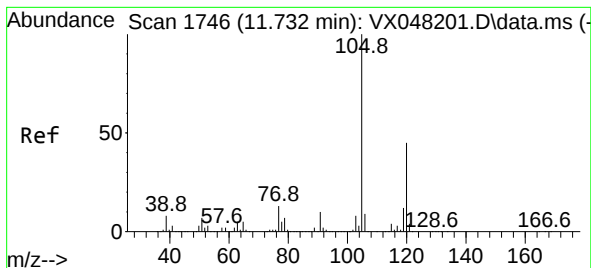
Tgt Ion: 91 Resp: 1307
Ion Ratio Lower Upper
91 100
126 27.6 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.409 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion: 119 Resp: 2005
Ion Ratio Lower Upper
119 100
91 61.6 29.6 88.8
134 26.3 11.0 33.0





#84

1,2,4-Trimethylbenzene

Concen: 0.360 ug/l

RT: 11.738 min Scan# 1746

Delta R.T. 0.006 min

Lab File: VX048228.D

Acq: 20 Oct 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

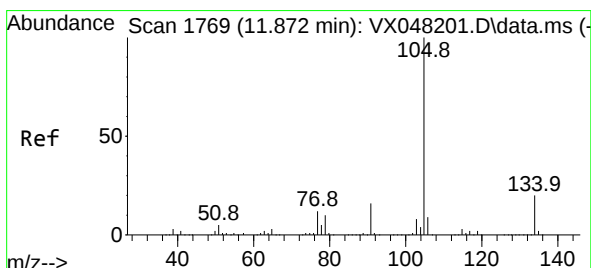
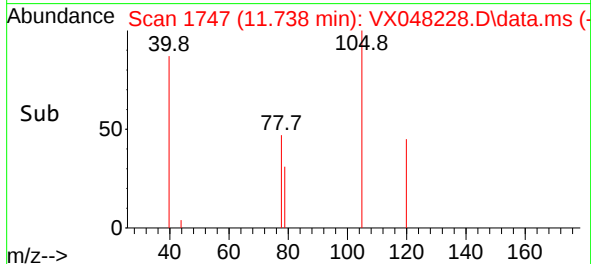
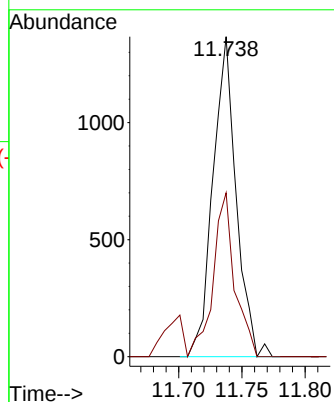
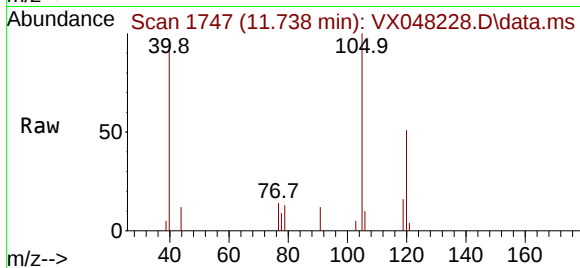
IBLK

Tgt Ion:105 Resp: 1740

Ion Ratio Lower Upper

105 100

120 47.6 22.1 66.1



#85

sec-Butylbenzene

Concen: 0.586 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048228.D

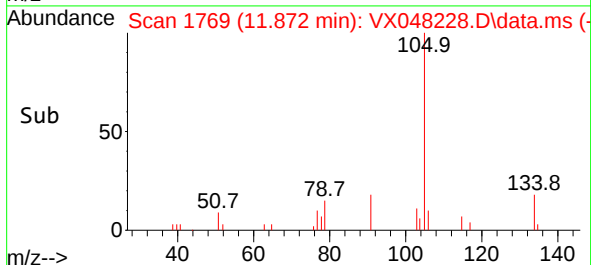
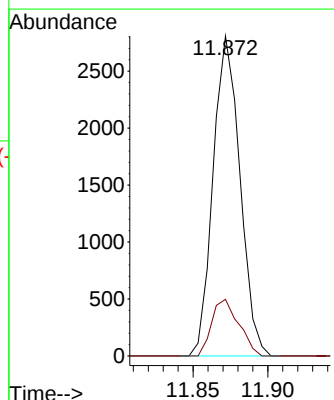
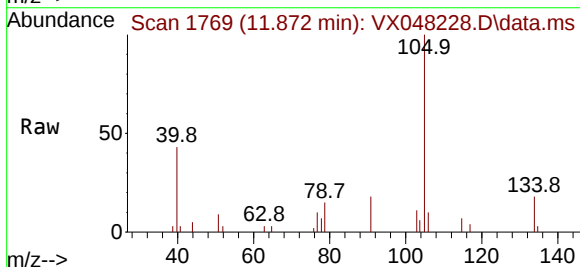
Acq: 20 Oct 2025 10:38

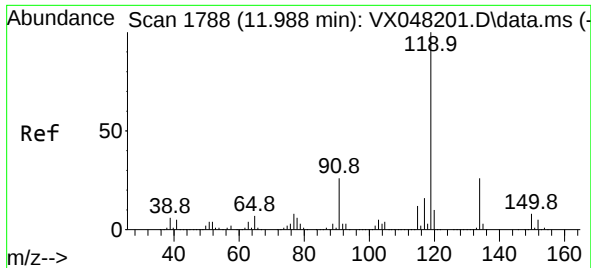
Tgt Ion:105 Resp: 3507

Ion Ratio Lower Upper

105 100

134 17.9 9.8 29.5

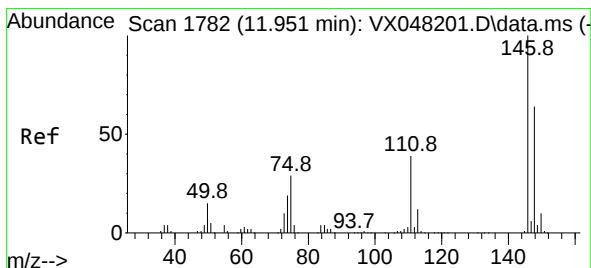
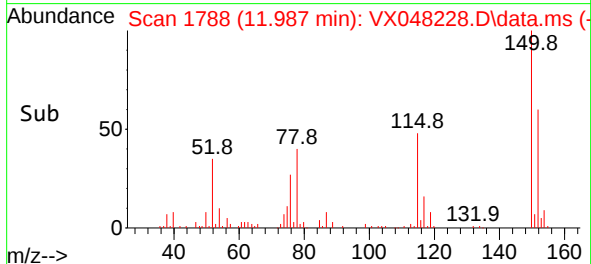
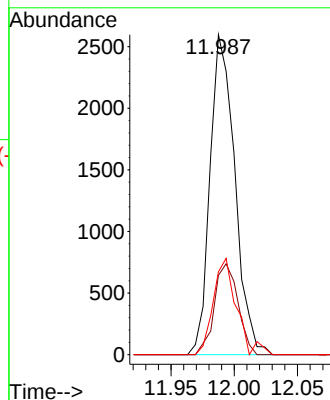
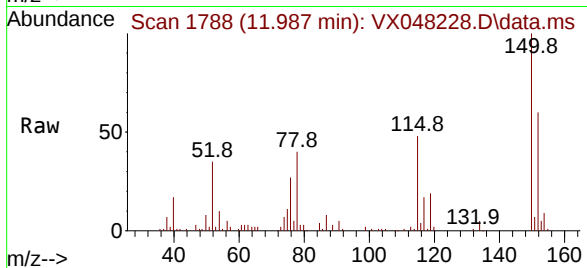




#86
 p-Isopropyltoluene
 Concen: 0.702 ug/l
 RT: 11.987 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX048228.D
 Acq: 20 Oct 2025 10:38

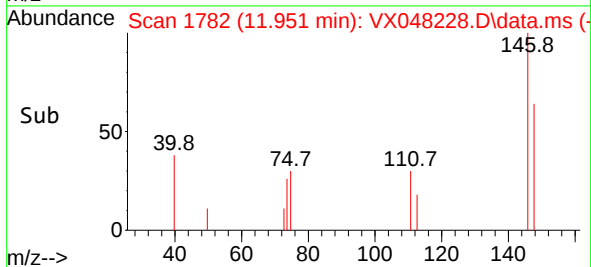
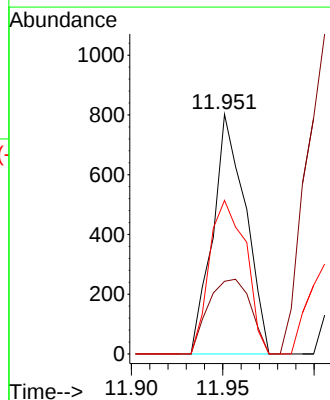
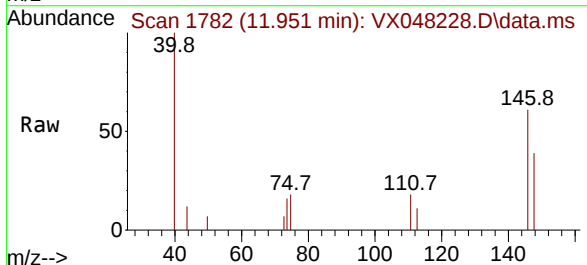
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

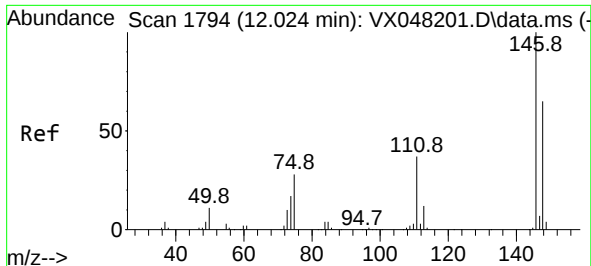
Tgt Ion:119 Resp: 3544
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.6 37.8
 91 28.2 12.6 37.6



#87
 1,3-Dichlorobenzene
 Concen: 0.363 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VX048228.D
 Acq: 20 Oct 2025 10:38

Tgt Ion:146 Resp: 1002
 Ion Ratio Lower Upper
 146 100
 111 40.2 21.5 64.5
 148 71.2 32.0 96.0

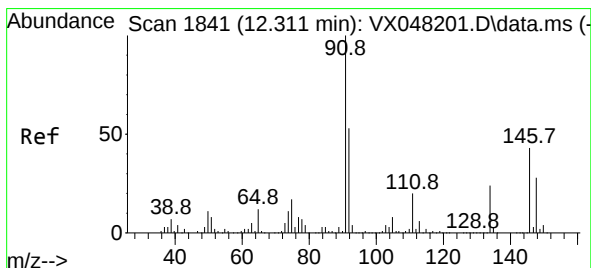
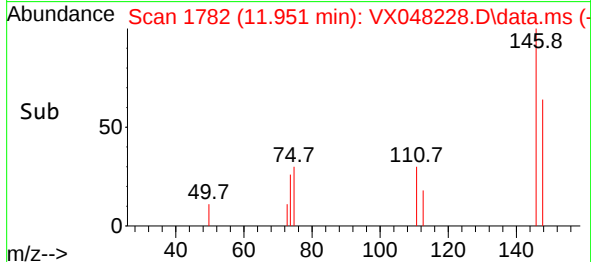
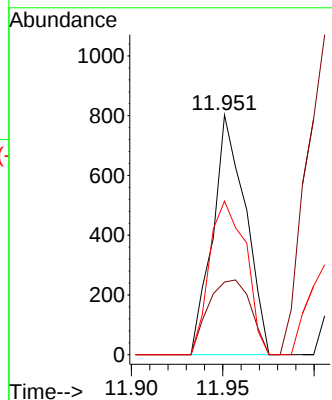
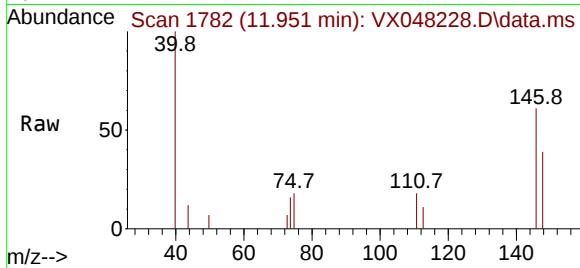




#88
1,4-Dichlorobenzene
Concen: 0.350 ug/l
RT: 11.951 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

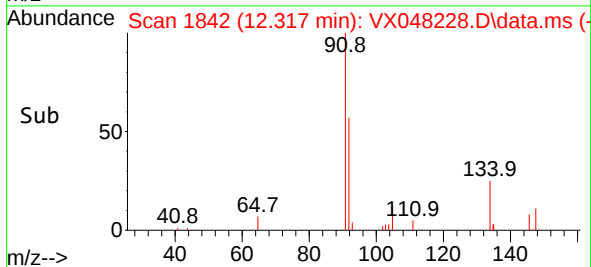
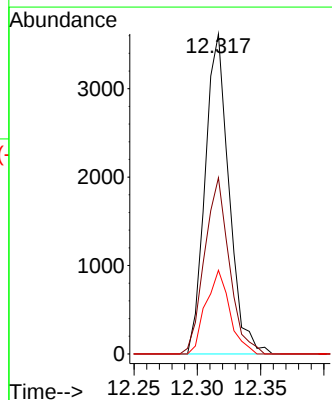
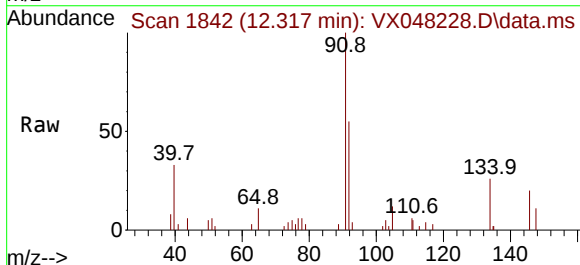
Instrument :
MSVOA_X
ClientSampleId :
IBLK

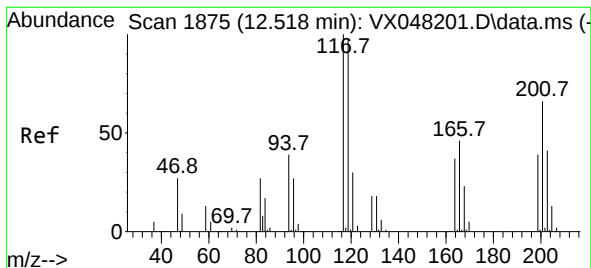
Tgt Ion:146 Resp: 1002
Ion Ratio Lower Upper
146 100
111 40.2 20.8 62.4
148 71.2 31.7 95.1



#89
n-Butylbenzene
Concen: 1.010 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion: 91 Resp: 4747
Ion Ratio Lower Upper
91 100
92 57.3 27.6 82.7
134 26.2 12.6 37.8





#90

Hexachloroethane

Concen: 0.775 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048228.D

Acq: 20 Oct 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

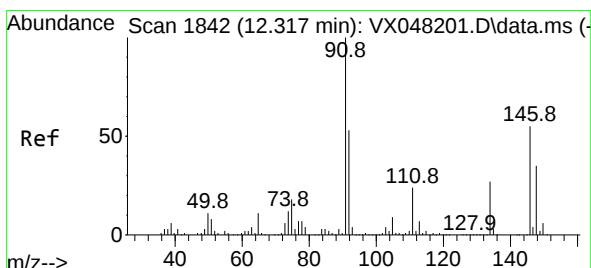
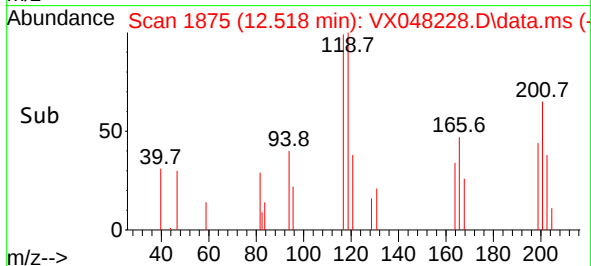
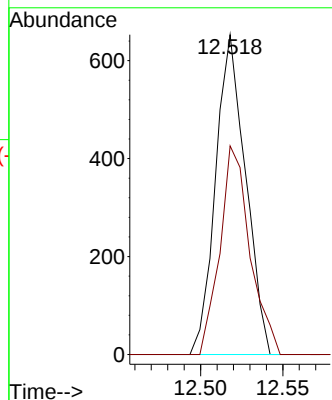
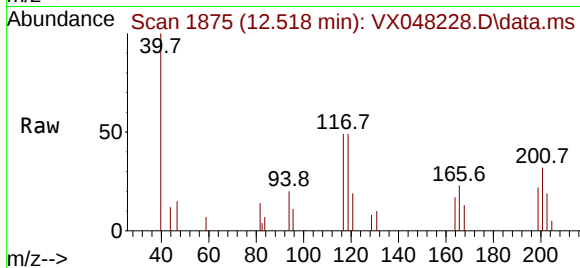
IBLK

Tgt Ion:117 Resp: 826

Ion Ratio Lower Upper

117 100

201 65.5 34.2 102.5



#91

1,2-Dichlorobenzene

Concen: 0.288 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VX048228.D

Acq: 20 Oct 2025 10:38

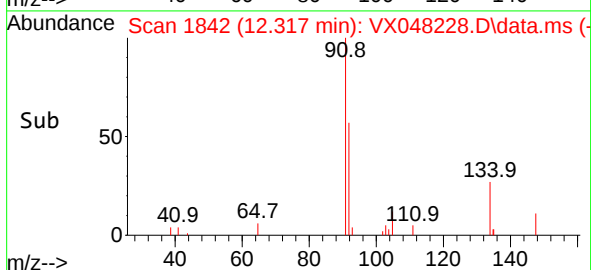
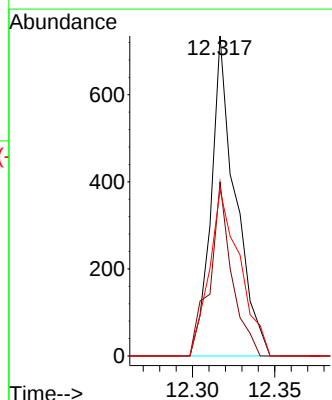
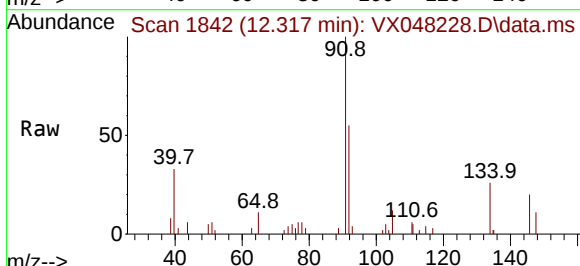
Tgt Ion:146 Resp: 753

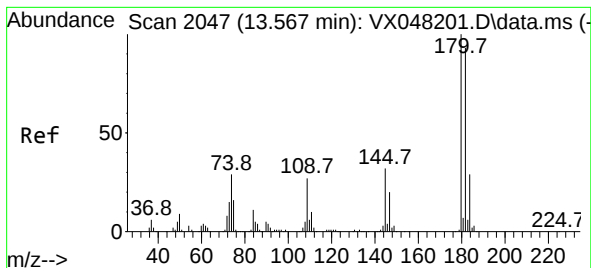
Ion Ratio Lower Upper

146 100

111 49.0 22.2 66.6

148 65.5 31.8 95.4





#93

1,2,4-Trichlorobenzene

Concen: 1.318 ug/l

RT: 13.573 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VX048228.D

Acq: 20 Oct 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

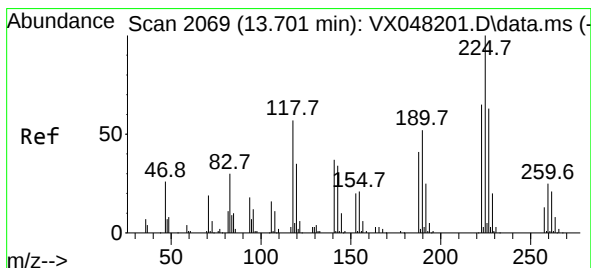
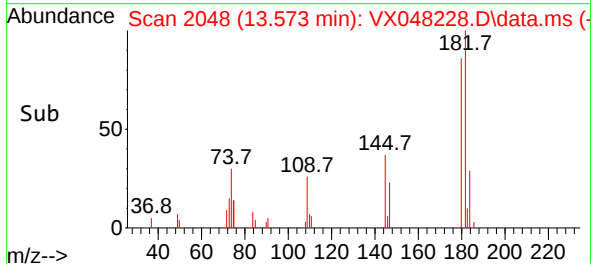
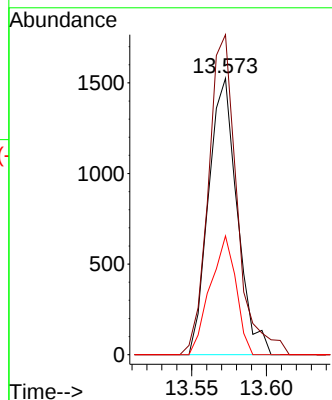
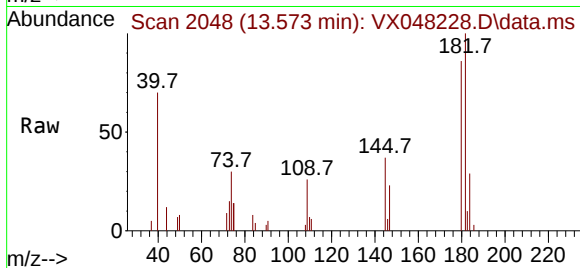
Tgt Ion:180 Resp: 2032

Ion Ratio Lower Upper

180 100

182 115.5 46.6 139.8

145 38.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 4.341 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048228.D

Acq: 20 Oct 2025 10:38

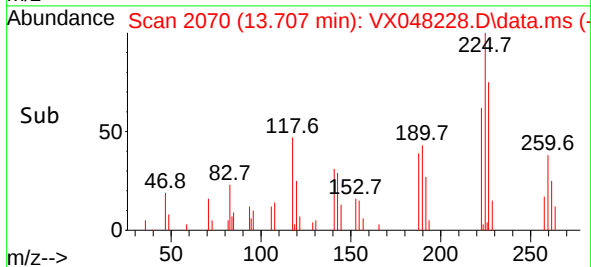
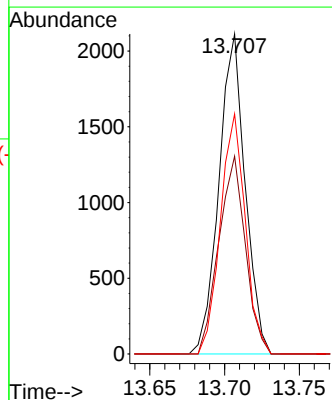
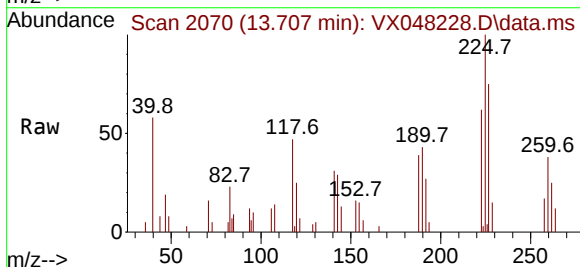
Tgt Ion:225 Resp: 2581

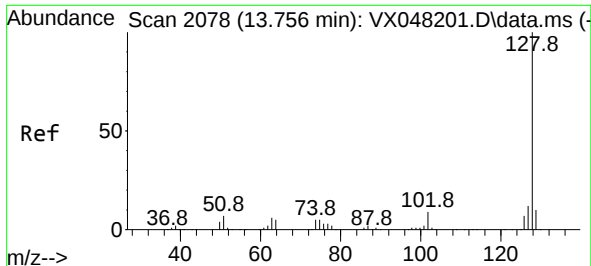
Ion Ratio Lower Upper

225 100

223 62.5 31.7 95.1

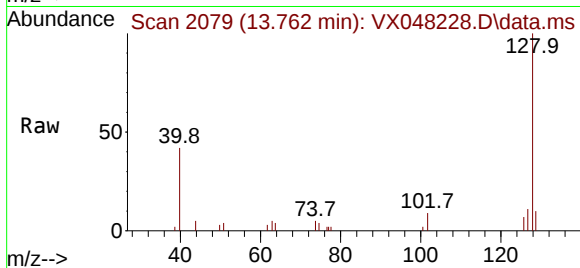
227 71.1 32.0 96.0



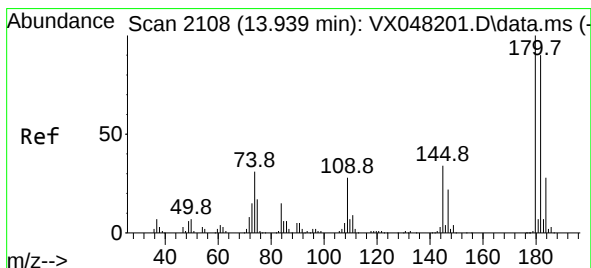
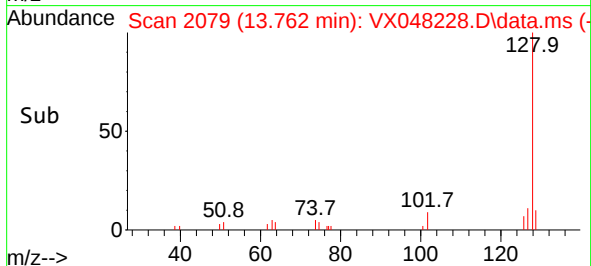
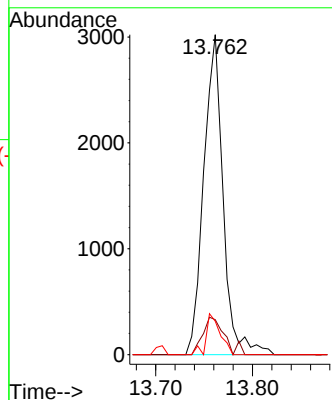


#95
Naphthalene
Concen: 1.038 ug/l
RT: 13.762 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	4217
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	9.2	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.576 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048228.D
Acq: 20 Oct 2025 10:38

Tgt Ion:	180	Resp:	2242
Ion	Ratio	Lower	Upper
180	100		
182	101.6	47.6	142.8
145	35.2	17.9	53.7

