

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046196.D
 Acq On : 14 May 2025 15:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 15 01:24:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

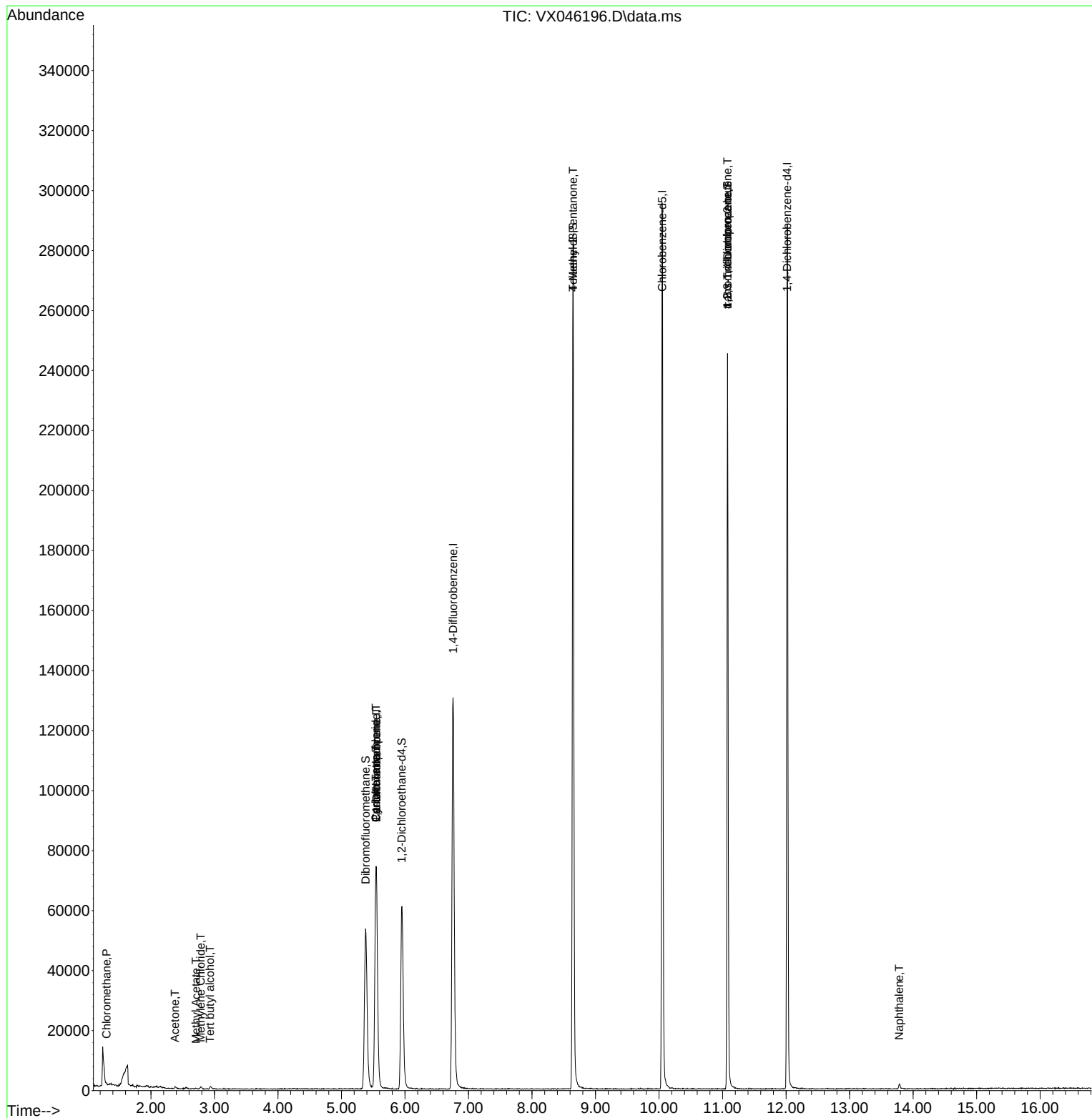
Internal Standards						
1) Pentafluorobenzene	5.550	168	64983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64457	53.205	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.400%			
35) Dibromofluoromethane	5.379	113	47506	51.808	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%			
50) Toluene-d8	8.647	98	162526	51.209	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.420%			
62) 4-Bromofluorobenzene	11.079	95	64033	52.598	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.200%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	754	0.782	ug/l	98
11) Tert butyl alcohol	2.928	59	293	1.723	ug/l #	72
16) Acetone	2.380	43	847	1.744	ug/l	95
18) Methyl Acetate	2.709	43	287	0.255	ug/l #	55
20) Methylene Chloride	2.782	84	325	0.349	ug/l #	69
31) Cyclohexane	5.544	56	1894	1.312	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	6493	5.270	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7781	5.621	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	886	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36371	27.383	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36371	89.150	ug/l #	1
95) Naphthalene	13.780	128	2185	0.568	ug/l #	90

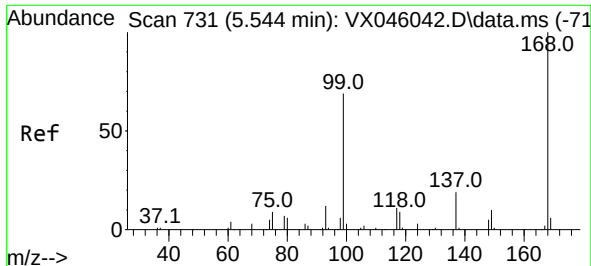
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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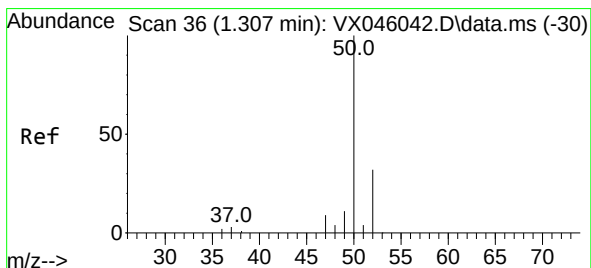
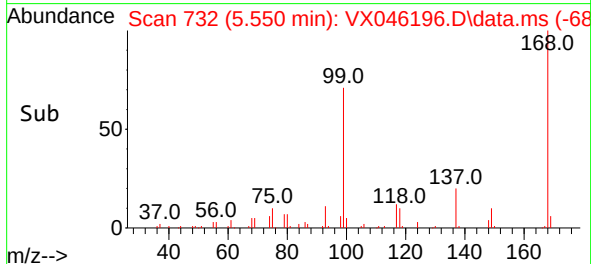
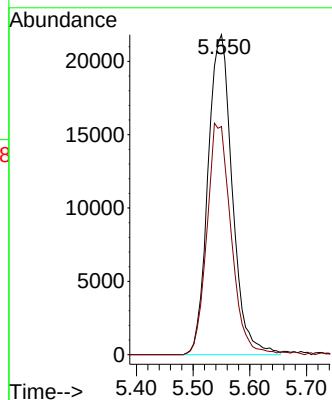
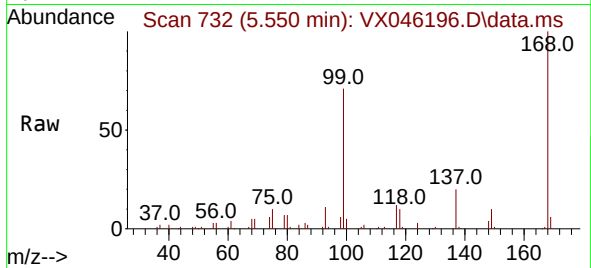




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

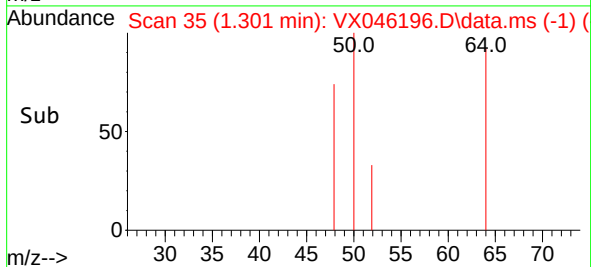
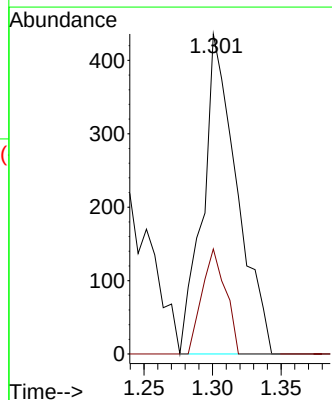
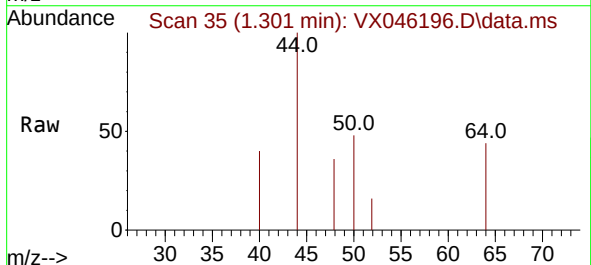
Instrument :
MSVOA_X
ClientSampleId :
IBLK

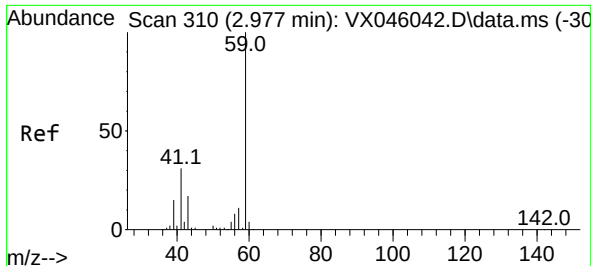
Tgt Ion:168 Resp: 64983
Ion Ratio Lower Upper
168 100
99 71.3 54.9 82.3



#3
Chloromethane
Concen: 0.782 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

Tgt Ion: 50 Resp: 754
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

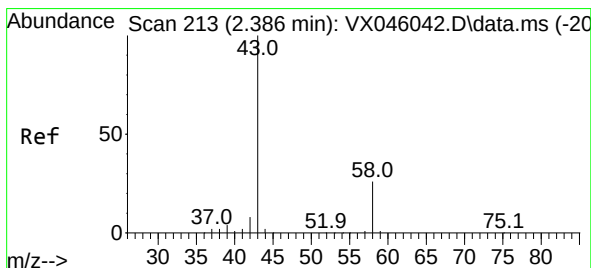
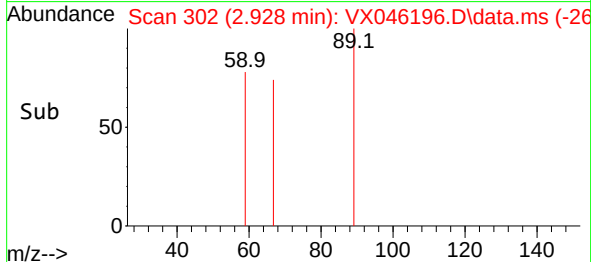
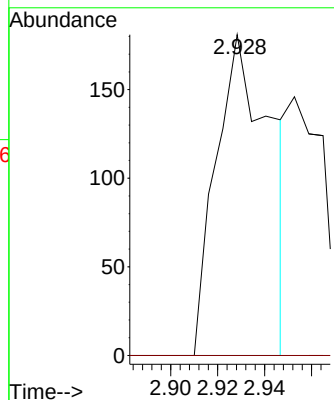
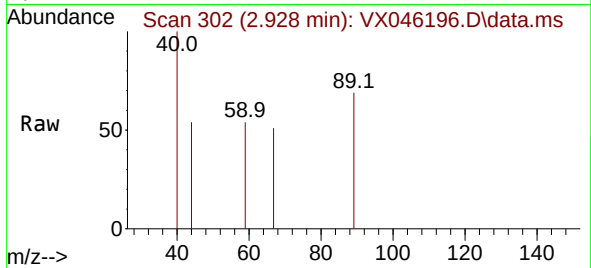




#11
Tert butyl alcohol
Concen: 1.723 ug/l
RT: 2.928 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

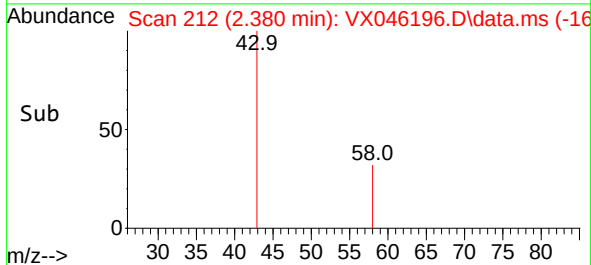
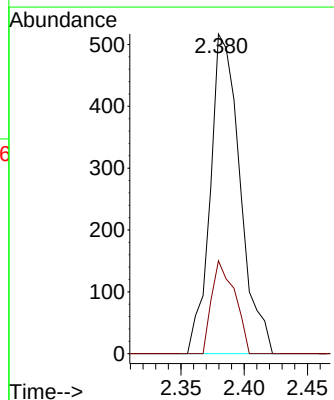
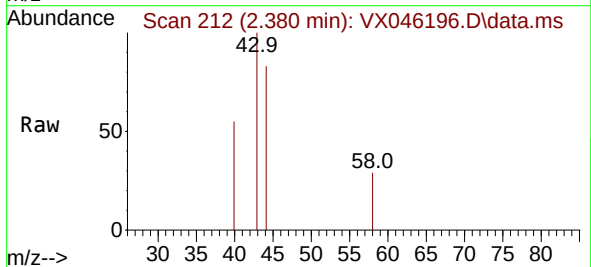
Instrument :
MSVOA_X
ClientSampleId :
IBLK

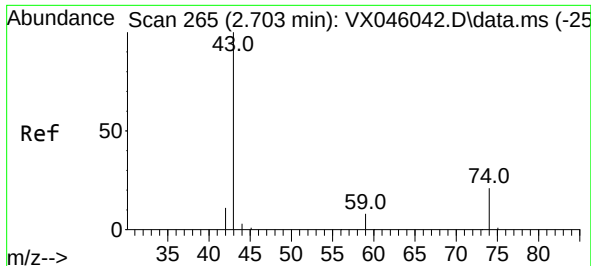
Tgt Ion: 59 Resp: 293
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 1.744 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 29.0 21.2 31.8

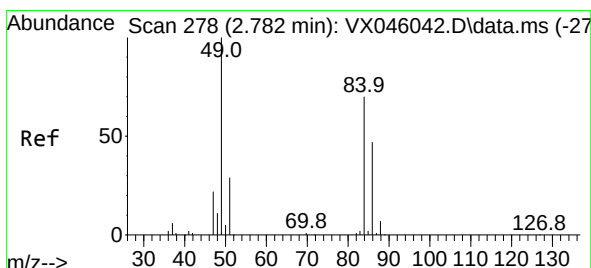
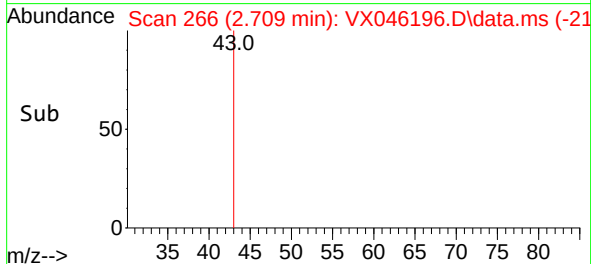
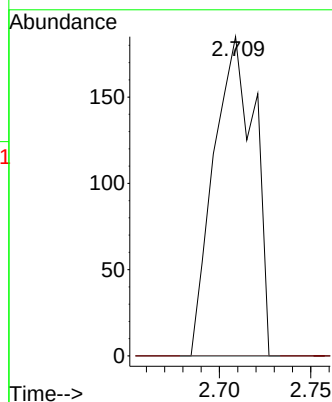
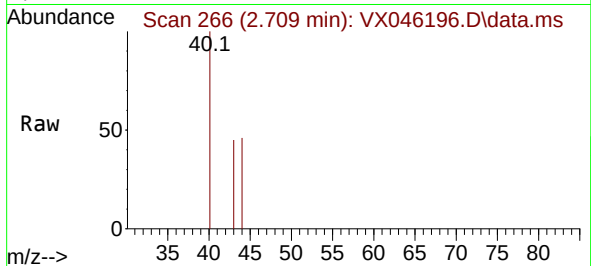




#18
Methyl Acetate
Concen: 0.255 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

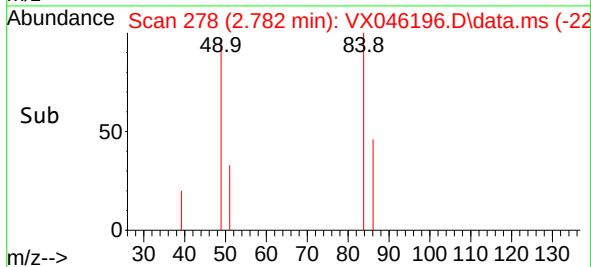
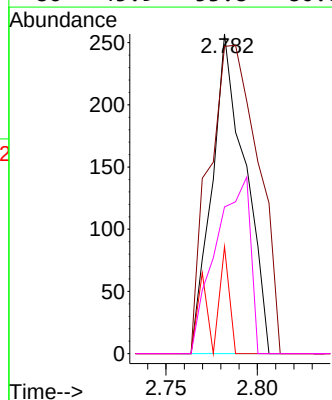
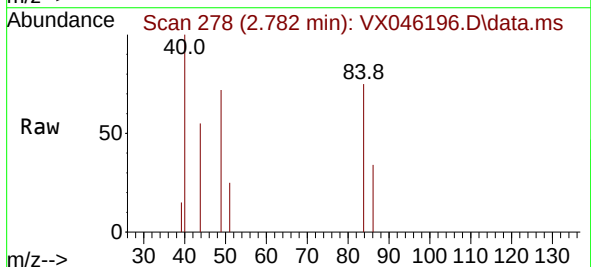
Instrument :
MSVOA_X
ClientSampleId :
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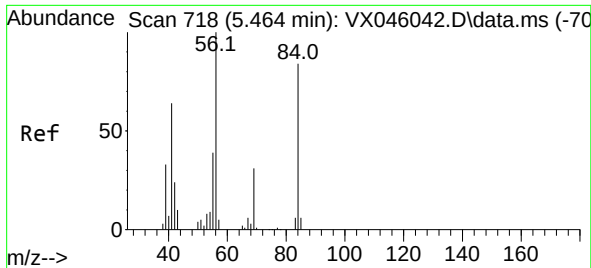
Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

Tgt Ion: 84 Resp: 325
Ion Ratio Lower Upper
84 100
49 96.1 113.9 170.9#
51 33.5 33.5 50.3#
86 45.9 53.8 80.8#

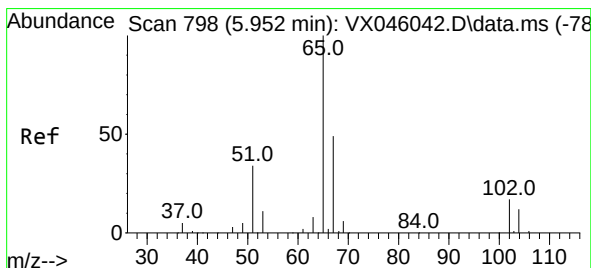
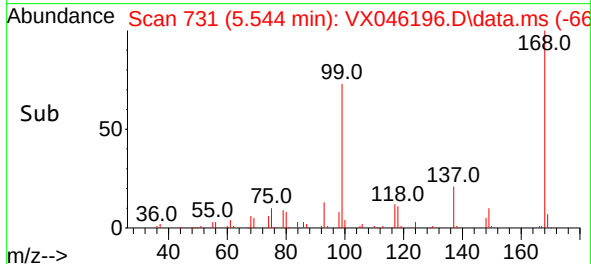
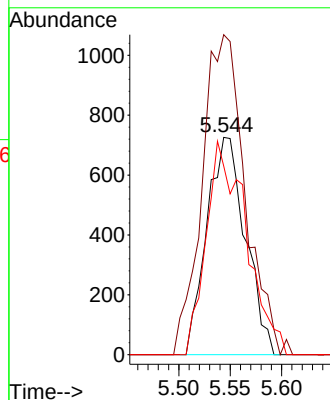
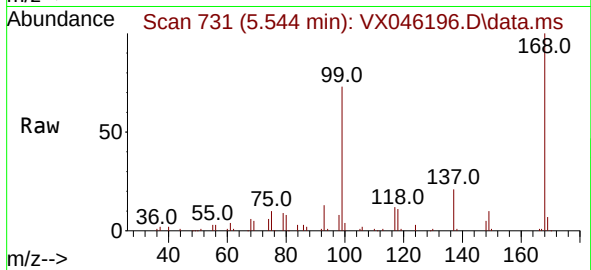




#31
Cyclohexane
Concen: 1.312 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

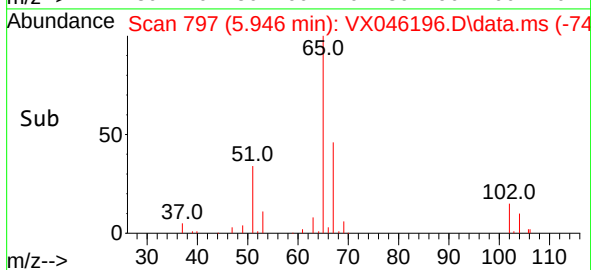
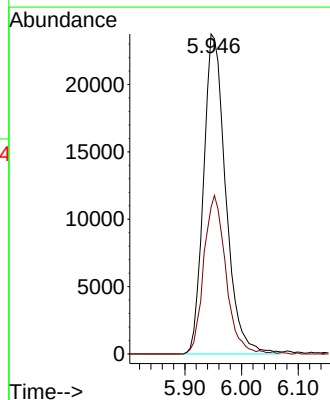
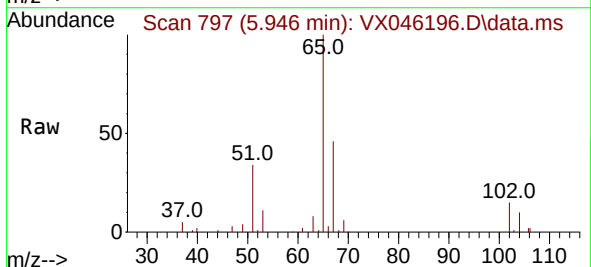
Instrument :
MSVOA_X
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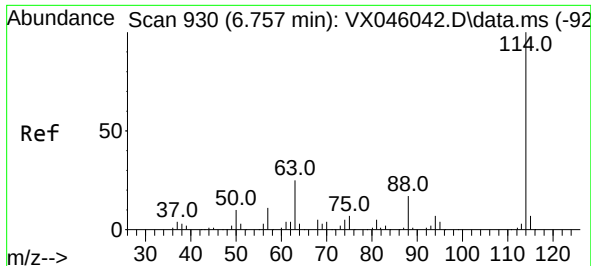
Tgt Ion: 56 Resp: 1894
Ion Ratio Lower Upper
56 100
69 147.2 24.4 36.6#
84 86.8 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 53.205 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

Tgt Ion: 65 Resp: 64457
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

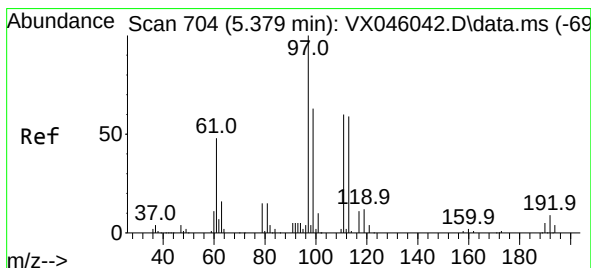
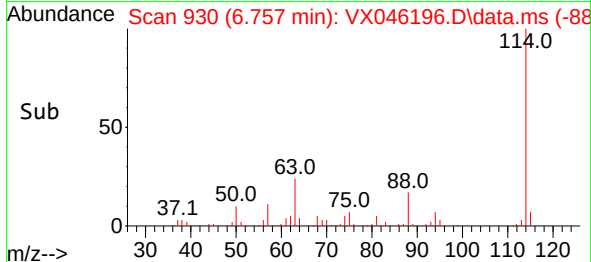
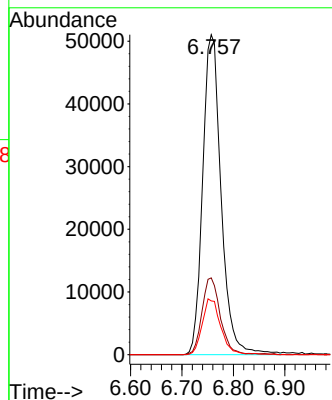
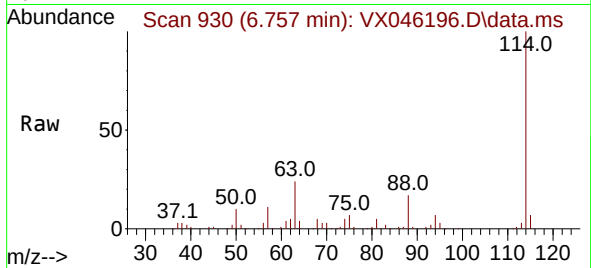




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

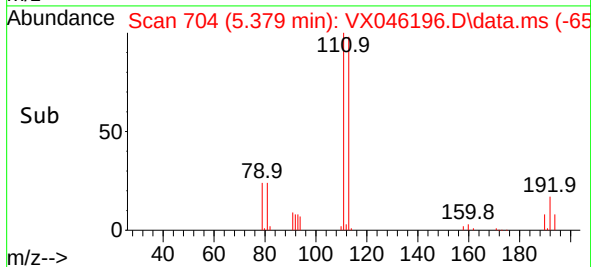
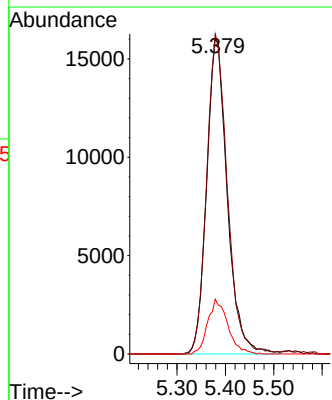
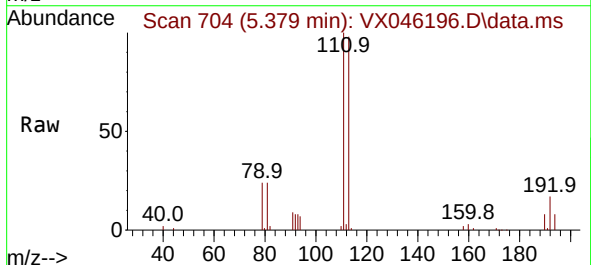
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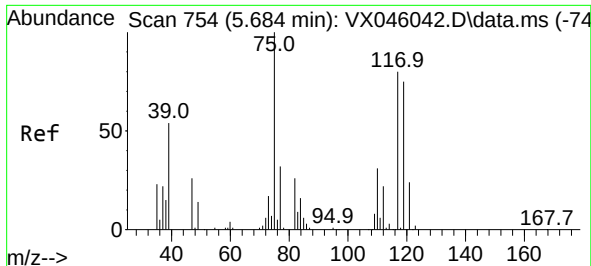
Tgt Ion:114 Resp: 127338
Ion Ratio Lower Upper
114 100
63 24.0 0.0 49.2
88 16.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.808 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

Tgt Ion:113 Resp: 47506
Ion Ratio Lower Upper
113 100
111 101.5 83.1 124.7
192 16.9 13.3 19.9

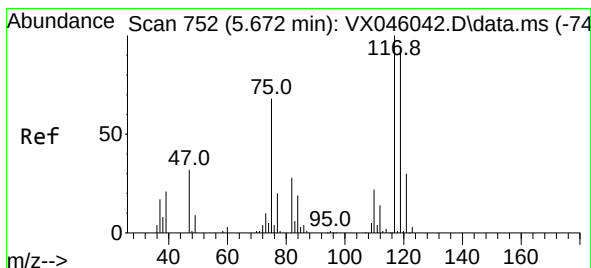
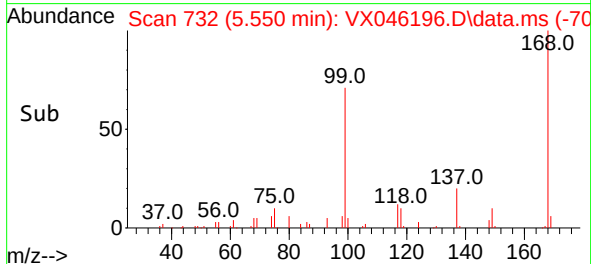
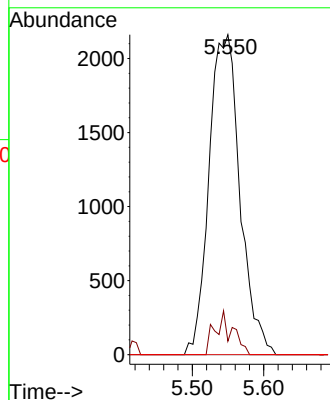
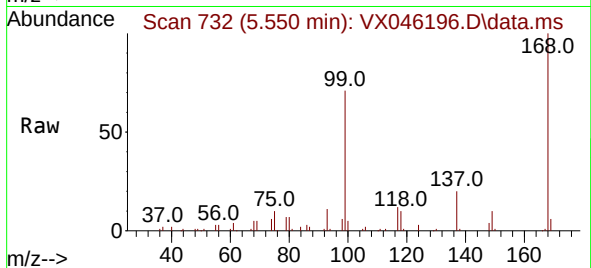




#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

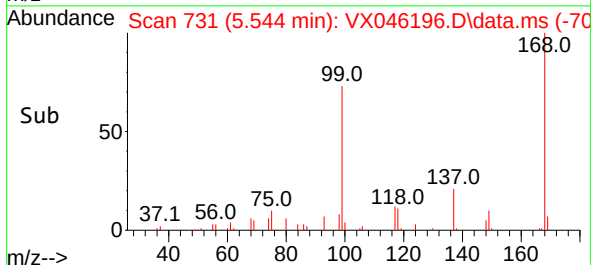
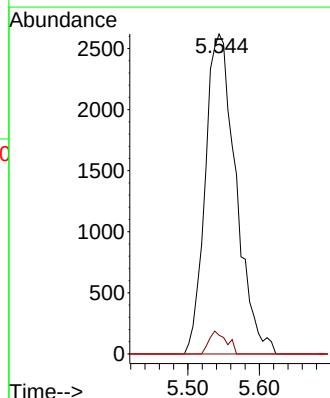
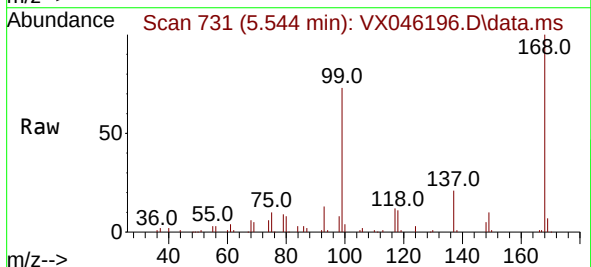
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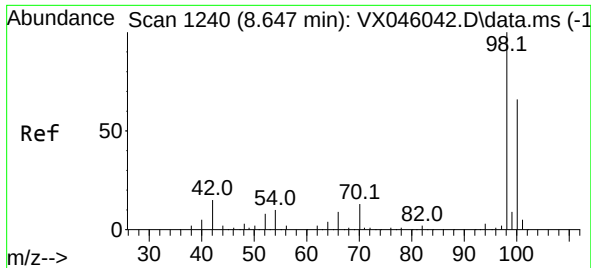
Tgt Ion: 75 Resp: 6493
Ion Ratio Lower Upper
75 100
110 7.7 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.621 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

Tgt Ion: 117 Resp: 7781
Ion Ratio Lower Upper
117 100
119 5.8 75.2 112.8#
121 0.0 24.2 36.4#

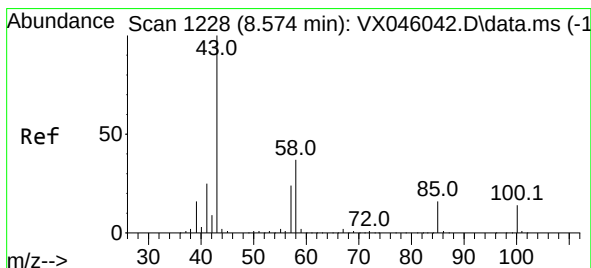
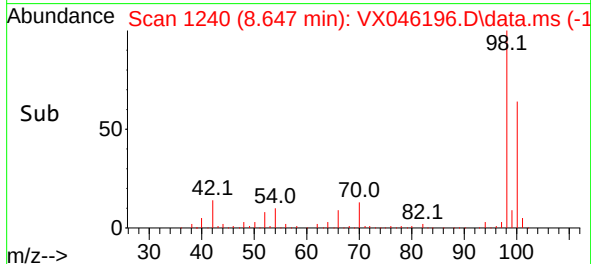
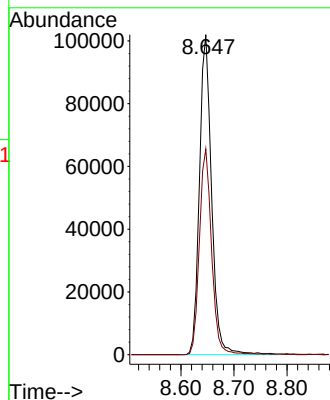
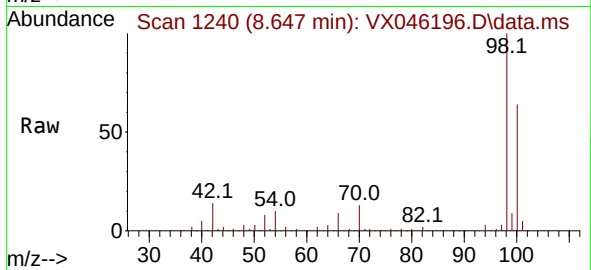




#50
Toluene-d8
Concen: 51.209 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

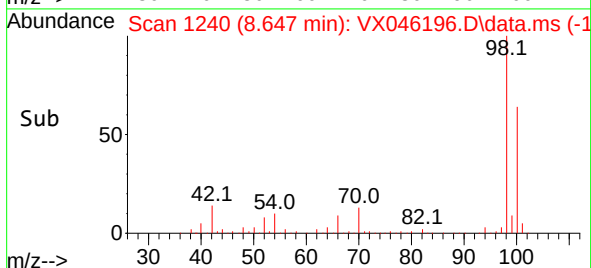
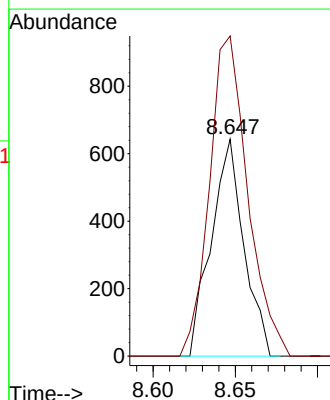
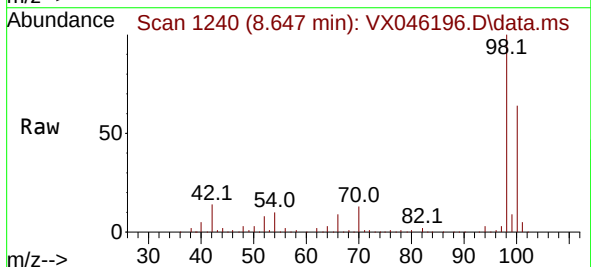
Instrument :
MSVOA_X
ClientSampleId :
IBLK

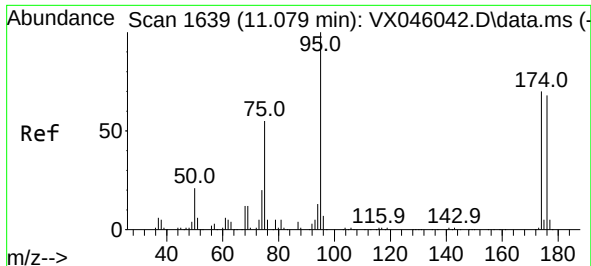
Tgt Ion: 98 Resp: 162526
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 173.5 28.9 43.3#

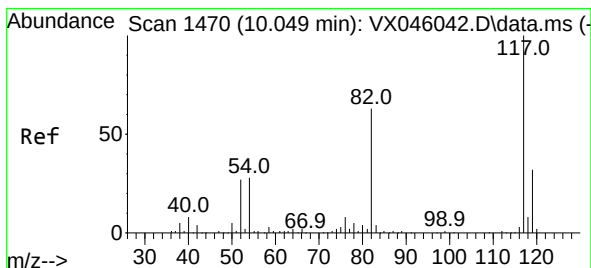
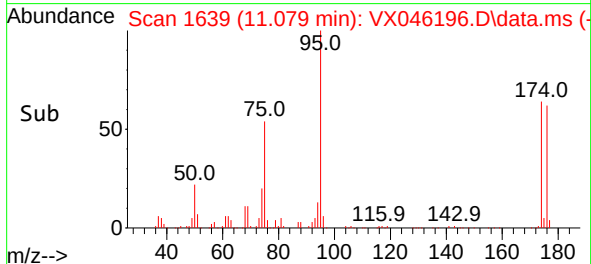
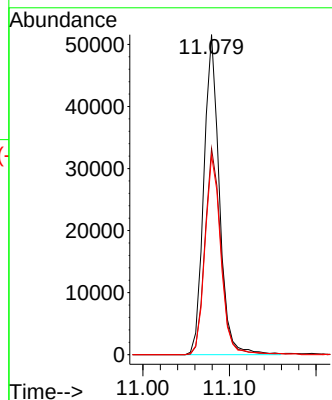
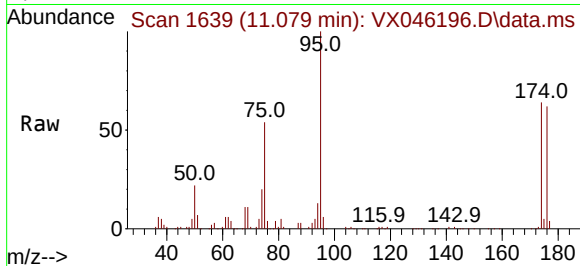




#62
4-Bromofluorobenzene
Concen: 52.598 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

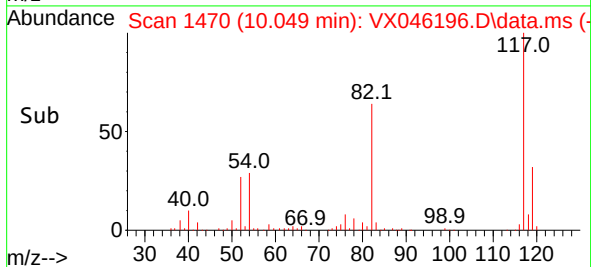
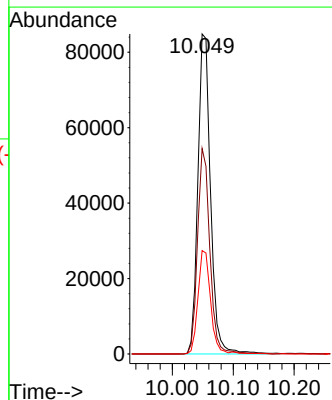
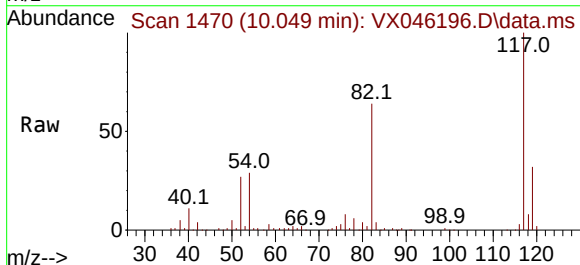
Instrument :
MSVOA_X
ClientSampleId :
IBLK

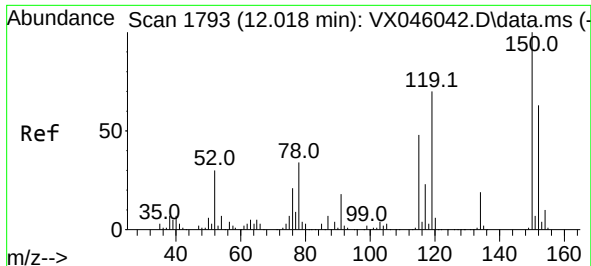
Tgt Ion: 95 Resp: 64033
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 64.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

Tgt Ion: 117 Resp: 122358
Ion Ratio Lower Upper
117 100
82 64.2 50.6 76.0
119 32.3 25.8 38.6

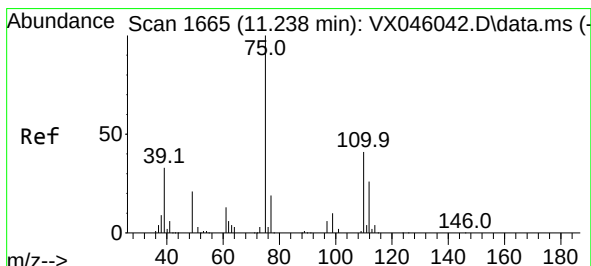
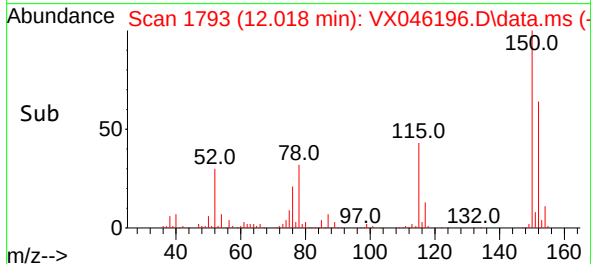
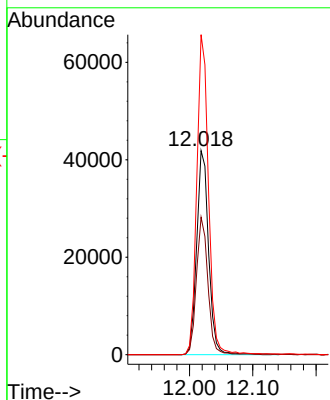
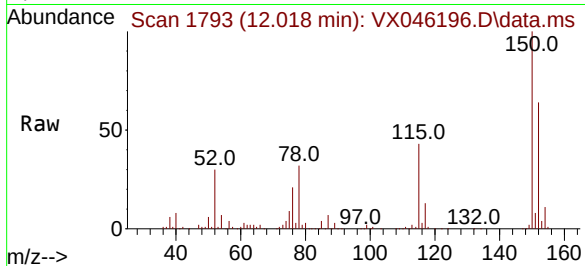




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046196.D
 Acq: 14 May 2025 15:55

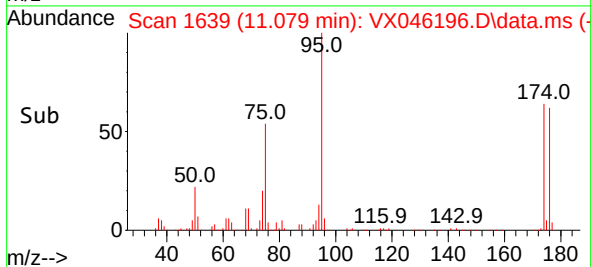
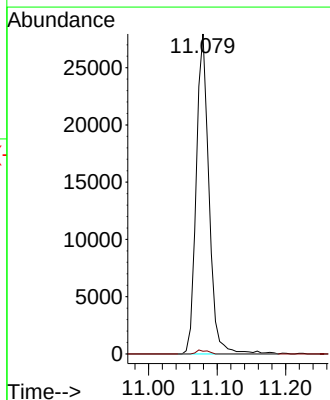
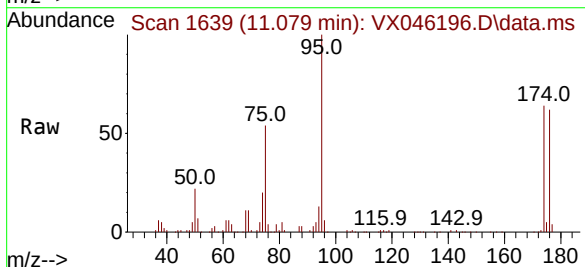
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

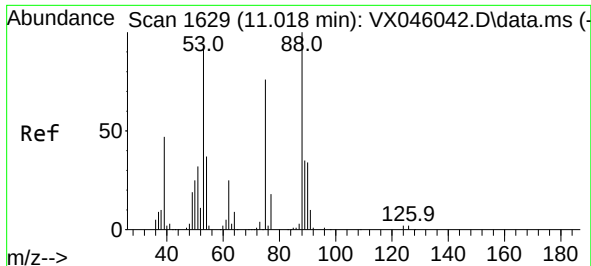
Tgt Ion:152 Resp: 55181
 Ion Ratio Lower Upper
 152 100
 115 64.6 46.9 140.7
 150 153.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 27.383 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046196.D
 Acq: 14 May 2025 15:55

Tgt Ion: 75 Resp: 36371
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#

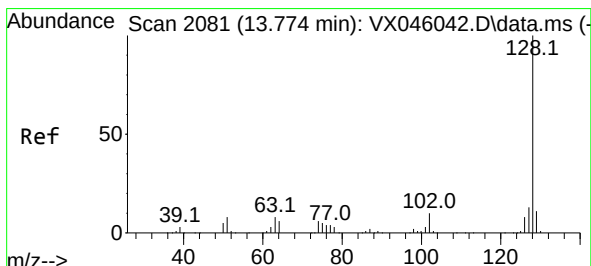
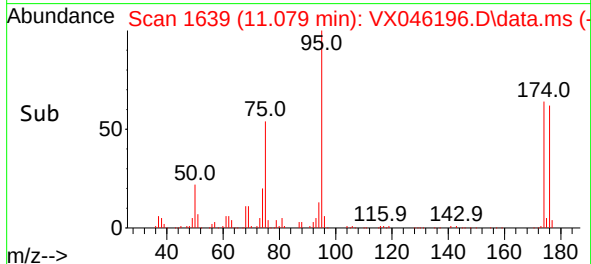
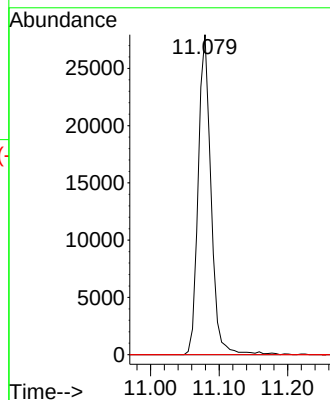
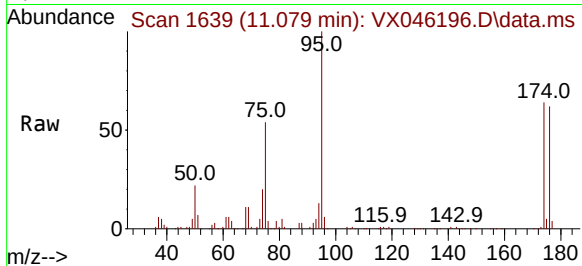




#81
trans-1,4-Dichloro-2-butene
Concen: 89.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 36371
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 0.568 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046196.D
Acq: 14 May 2025 15:55

Tgt Ion: 128 Resp: 2185
Ion Ratio Lower Upper
128 100
127 8.8 10.4 15.6#
129 7.1 8.6 13.0#

