

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046448.D
 Acq On : 02 Jun 2025 16:46
 Operator : JC/MD
 Sample : Q2155-01 20X
 Misc : 2.50g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 446

Quant Time: Jun 03 01:33:40 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)

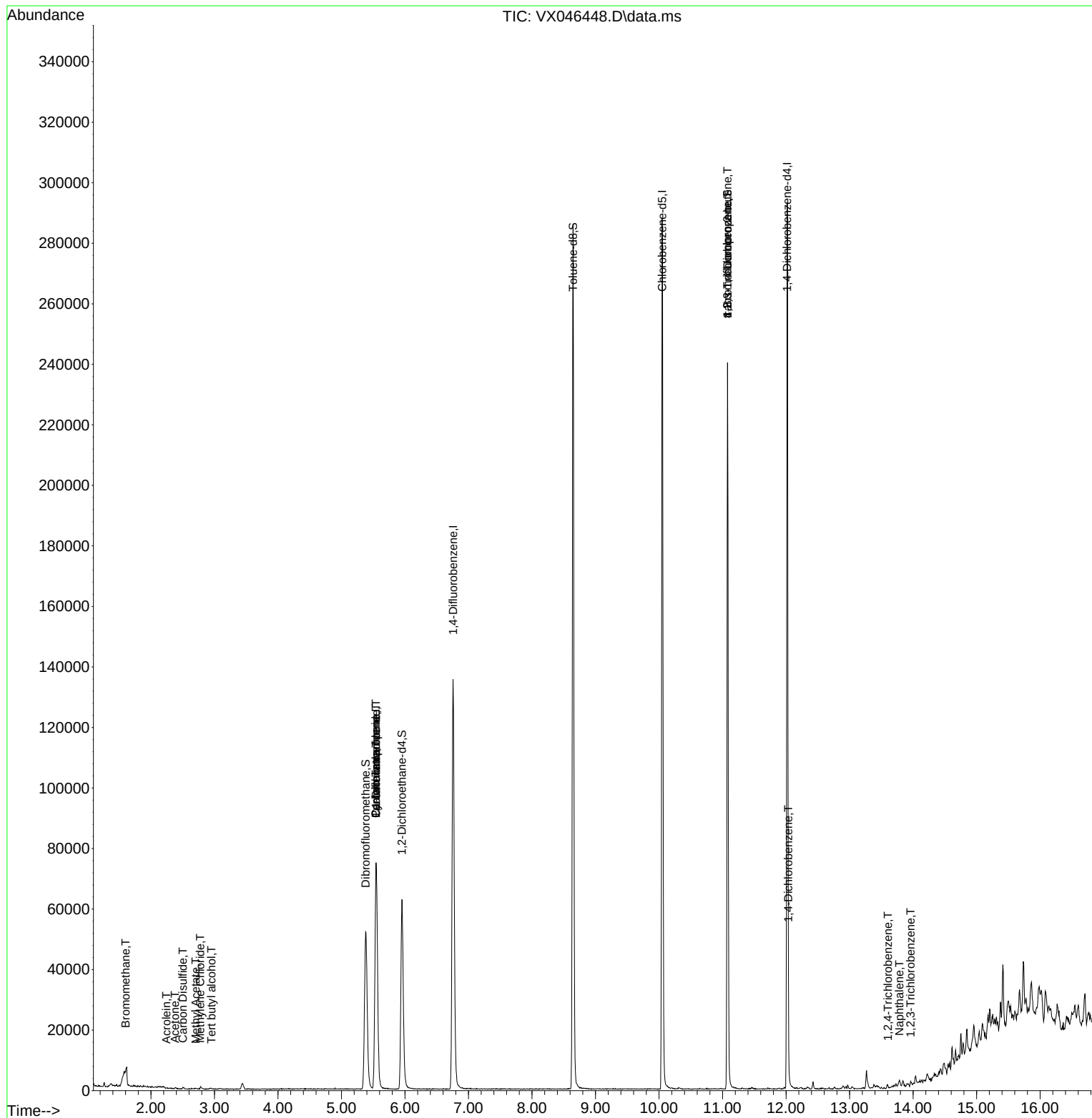
Internal Standards						
1) Pentafluorobenzene	5.544	168	63556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63672	53.737	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.480%	
35) Dibromofluoromethane	5.379	113	46292	50.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.200%	
50) Toluene-d8	8.647	98	160831	50.293	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	11.079	95	62971	51.335	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	116	0.285	ug/l	99
11) Tert butyl alcohol	2.953	59	73	0.439	ug/l #	72
13) Acrolein	2.239	56	60	0.317	ug/l #	15
16) Acetone	2.380	43	496	1.044	ug/l #	84
17) Carbon Disulfide	2.501	76	557	0.312	ug/l #	76
18) Methyl Acetate	2.703	43	271	0.246	ug/l #	55
20) Methylene Chloride	2.776	84	243	0.267	ug/l #	57
31) Cyclohexane	5.544	56	1760	1.246	ug/l #	20
36) 1,1-Dichloropropene	5.544	75	6273	5.053	ug/l #	53
38) Carbon Tetrachloride	5.544	117	7241	5.191	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	36586	28.312	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36586	92.176	ug/l #	1
88) 1,4-Dichlorobenzene	12.036	146	373	0.206	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.603	180	398	0.390	ug/l #	73
95) Naphthalene	13.786	128	2039	0.545	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.963	180	411	0.390	ug/l #	81

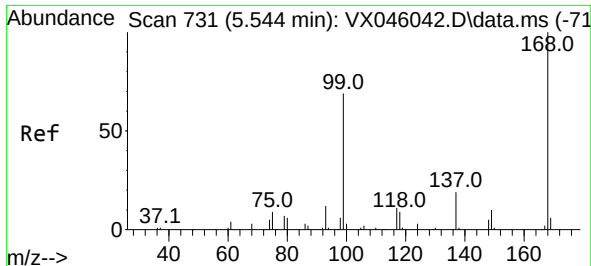
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
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Quant Time: Jun 03 01:33:40 2025
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Quant Title : SW846 8260
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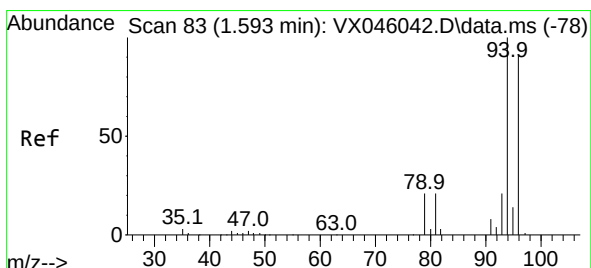
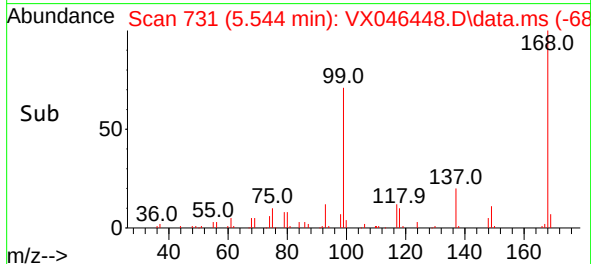
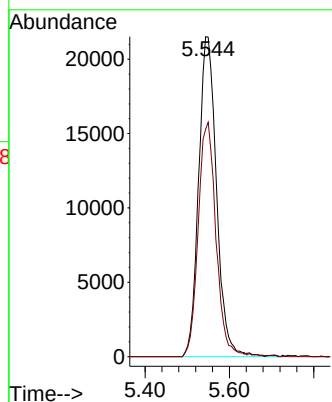
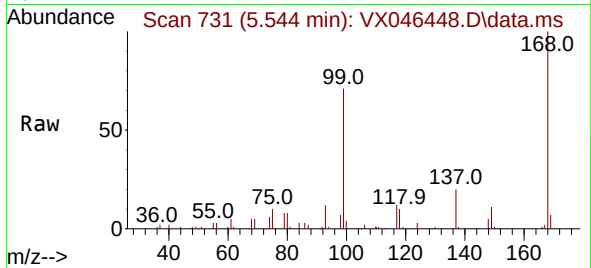




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

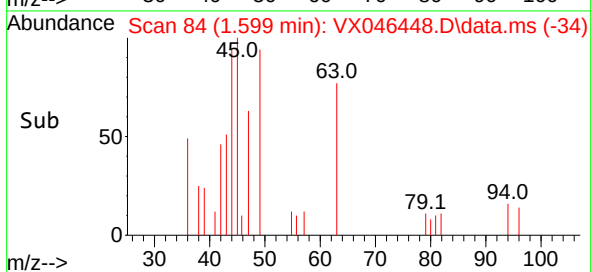
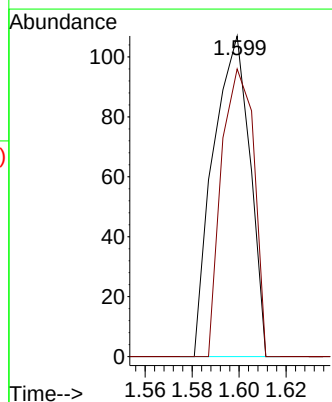
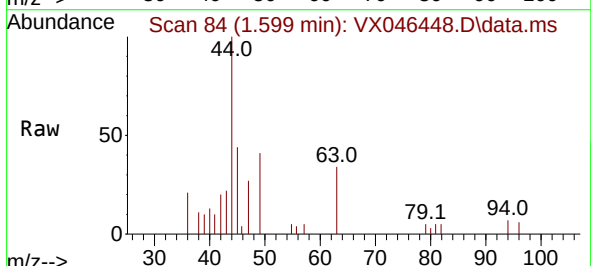
Instrument : MSVOA_X
ClientSampleId : 446

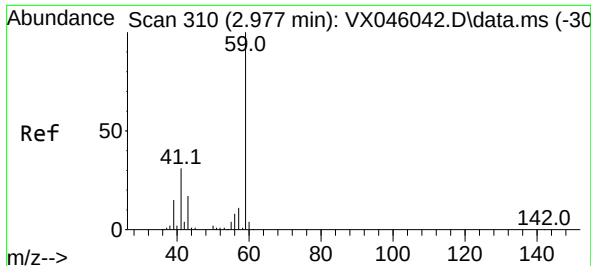
Tgt Ion:168 Resp: 63556
Ion Ratio Lower Upper
168 100
99 71.1 54.9 82.3



#5
Bromomethane
Concen: 0.285 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 89.7 72.8 109.2

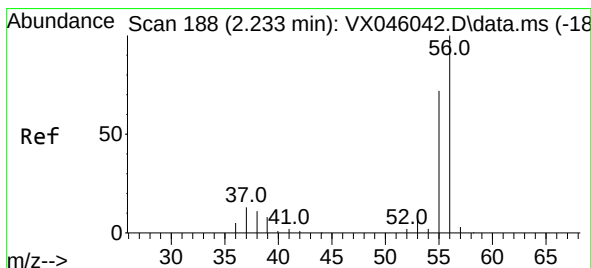
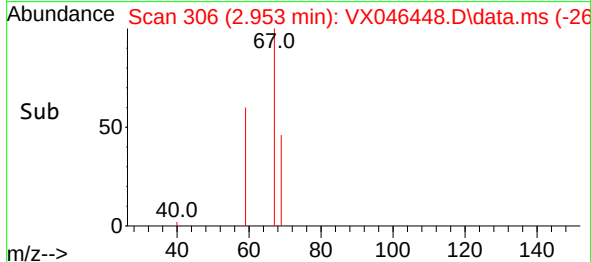
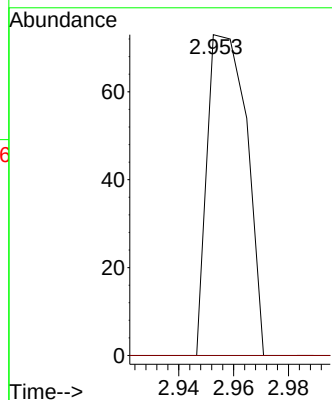
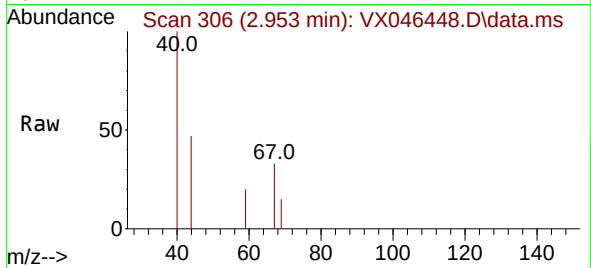




#11
Tert butyl alcohol
Concen: 0.439 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.025 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

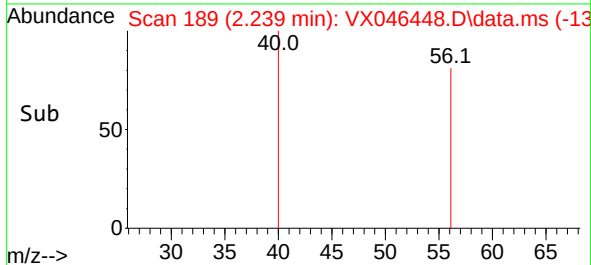
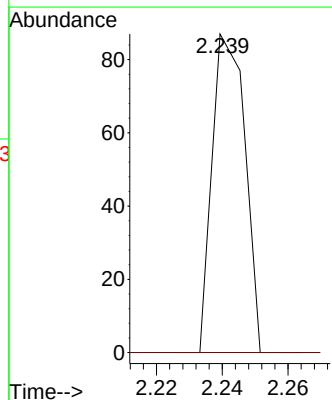
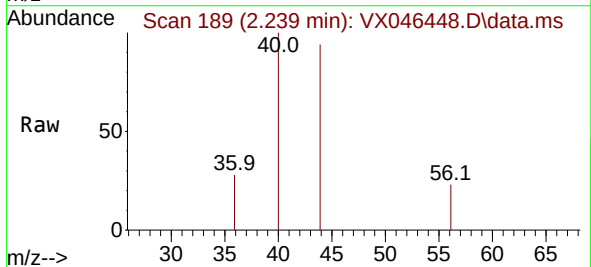
Instrument :
MSVOA_X
ClientSampleId :
446

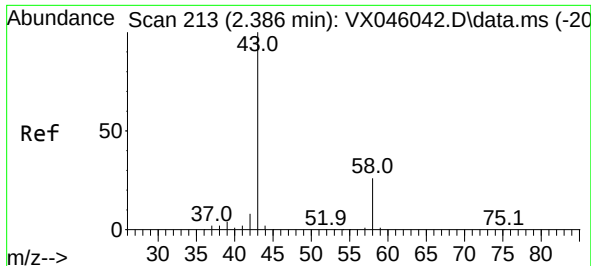
Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.317 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#

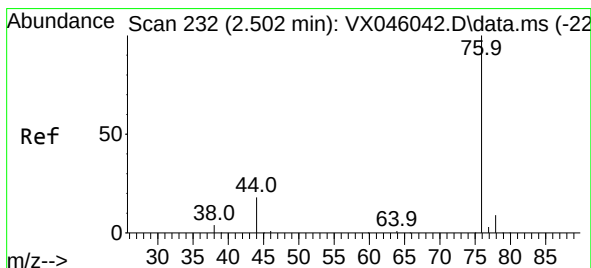
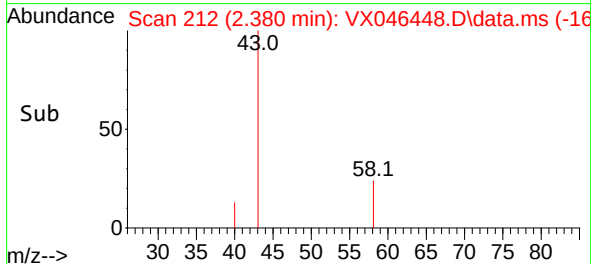
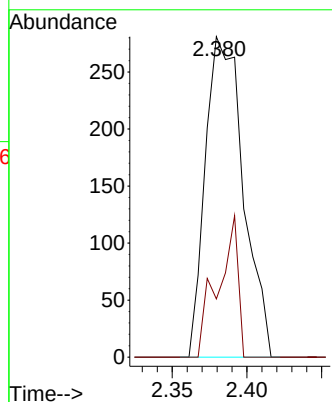
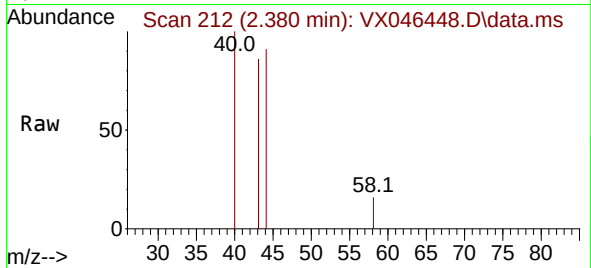




#16
Acetone
Concen: 1.044 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

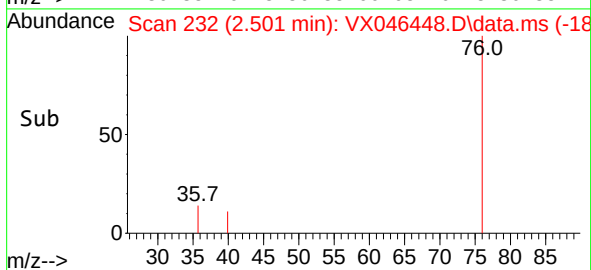
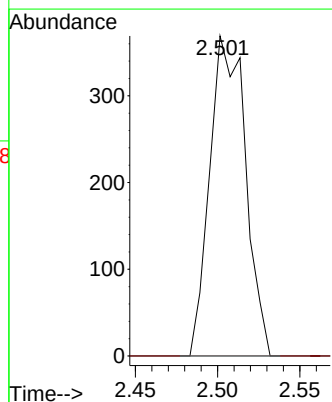
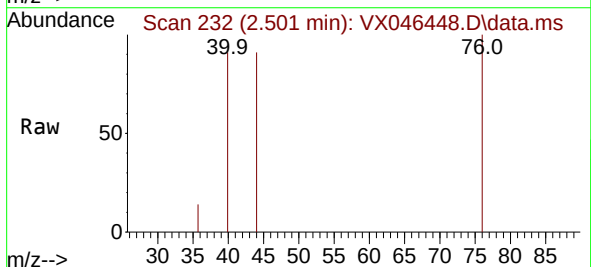
Instrument :
MSVOA_X
ClientSampleId :
446

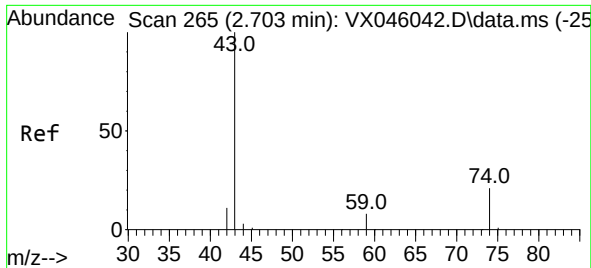
Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
58 18.1 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.312 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion: 76 Resp: 557
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

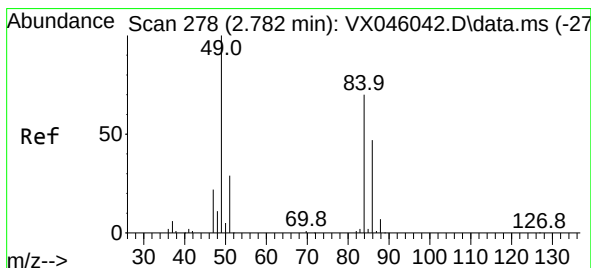
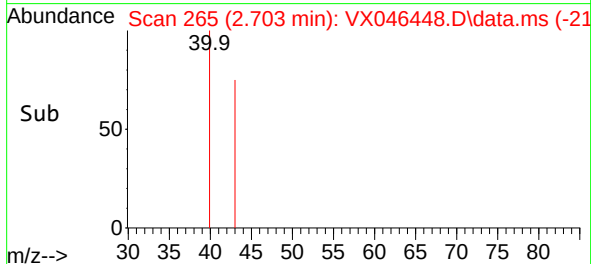
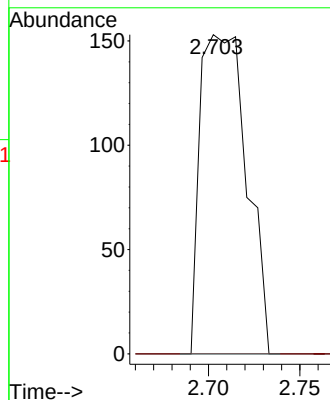
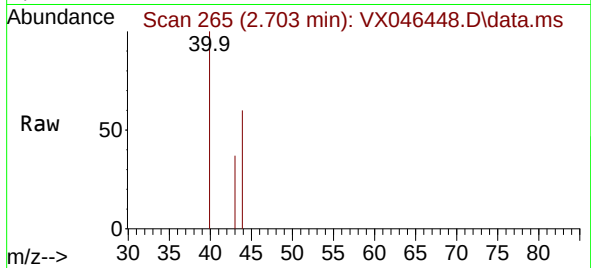




#18
Methyl Acetate
Concen: 0.246 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

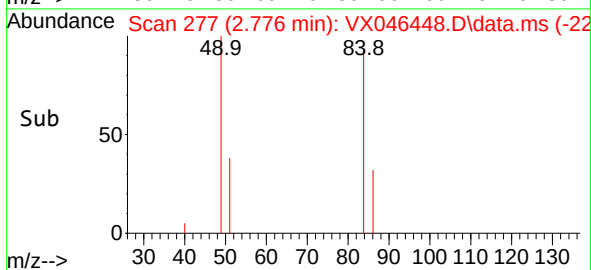
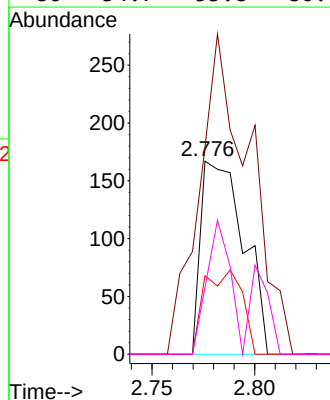
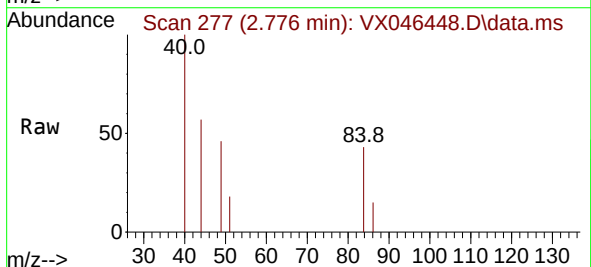
Instrument :
MSVOA_X
ClientSampleId :
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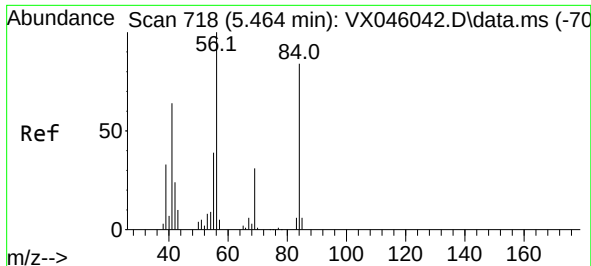
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion: 84 Resp: 243
Ion Ratio Lower Upper
84 100
49 74.3 113.9 170.9#
51 40.7 33.5 50.3
86 34.7 53.8 80.8#

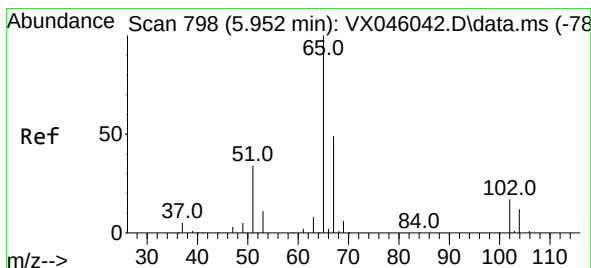
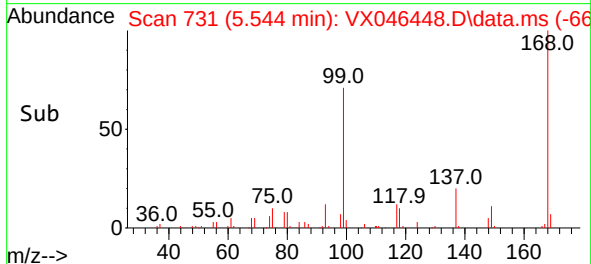
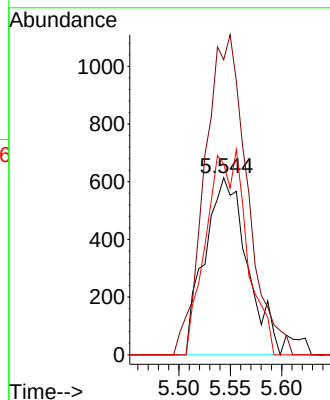
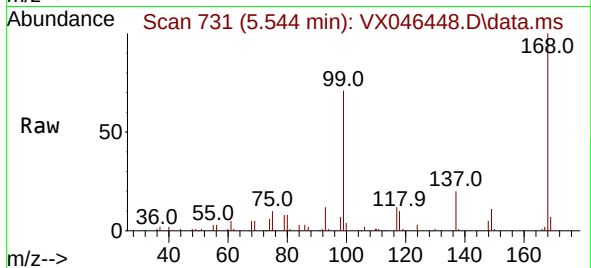




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

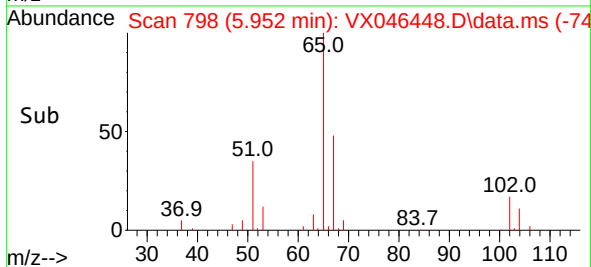
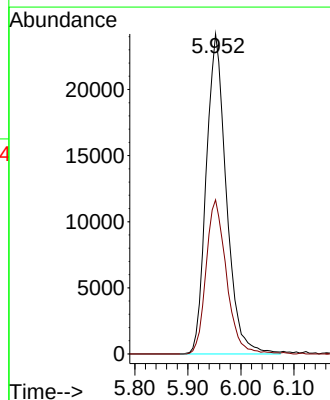
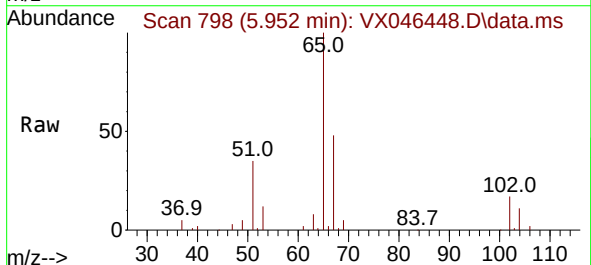
Instrument :
MSVOA_X
ClientSampleId :
446

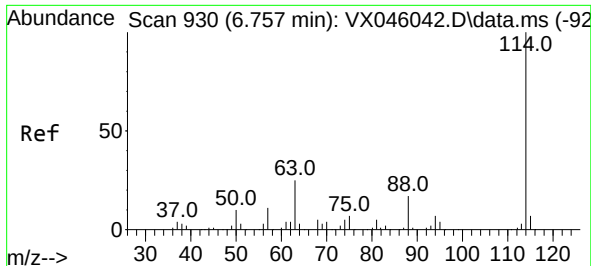
Tgt Ion: 56 Resp: 1760
Ion Ratio Lower Upper
56 100
69 153.9 24.4 36.6#
84 107.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 53.737 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion: 65 Resp: 63672
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

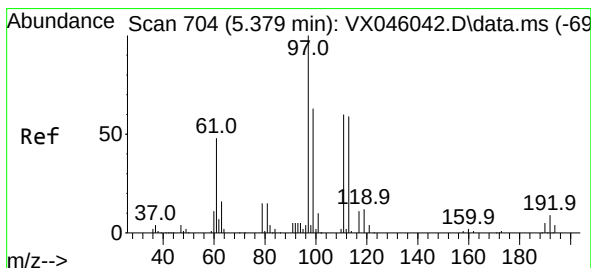
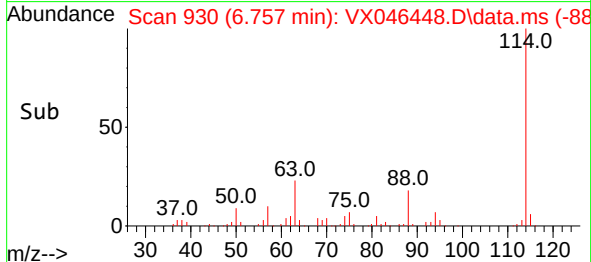
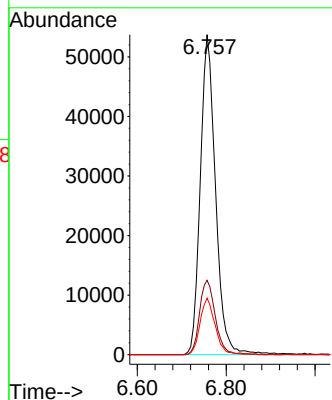
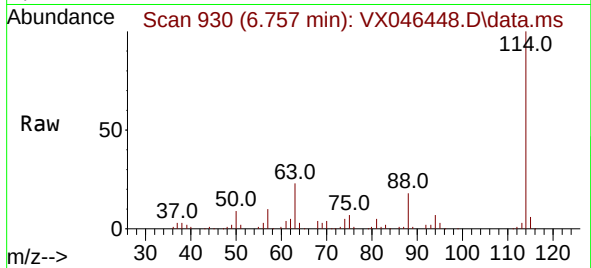




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

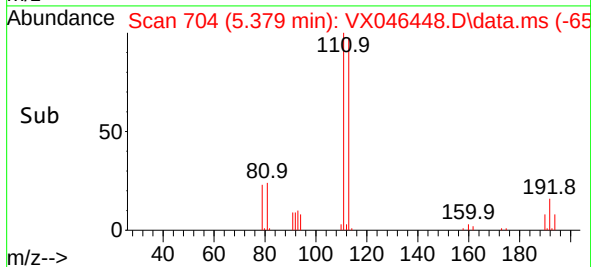
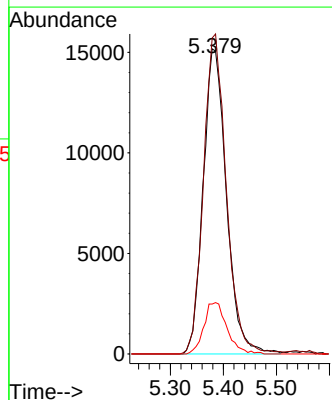
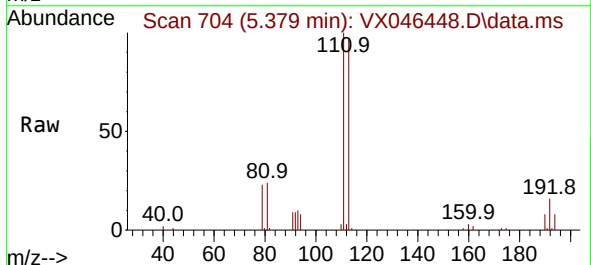
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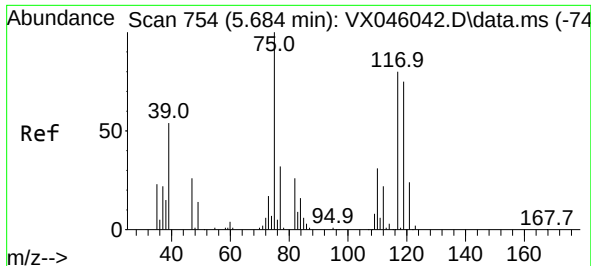
Tgt Ion:114 Resp: 128306
Ion Ratio Lower Upper
114 100
63 23.2 0.0 49.2
88 17.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.103 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion:113 Resp: 46292
Ion Ratio Lower Upper
113 100
111 103.1 83.1 124.7
192 16.7 13.3 19.9

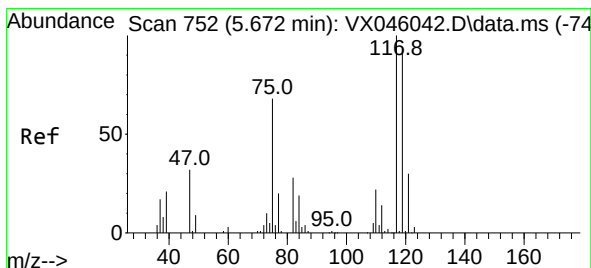
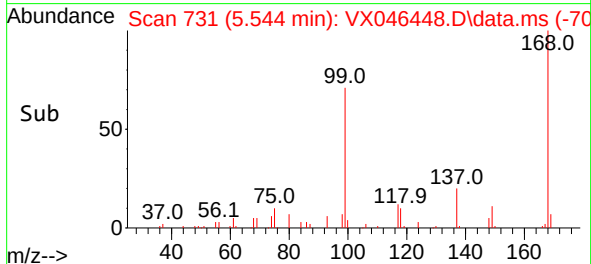
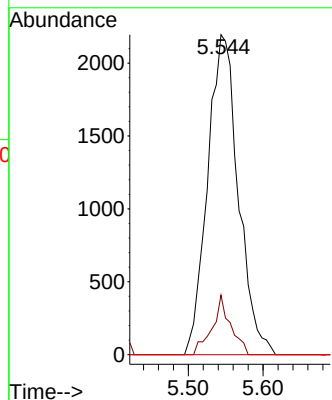
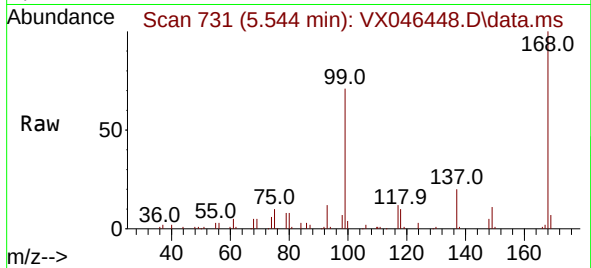




#36
1,1-Dichloropropene
Concen: 5.053 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

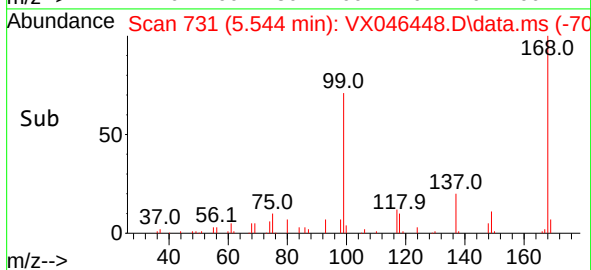
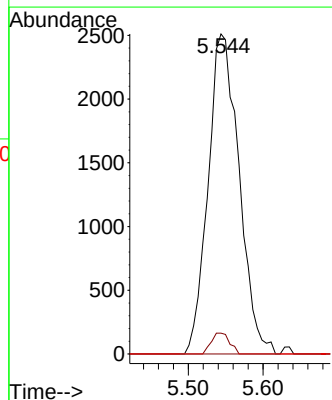
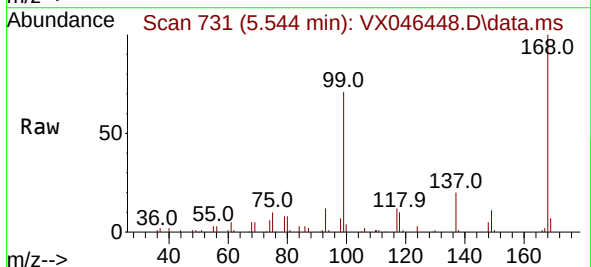
Instrument :
MSVOA_X
ClientSampleId :
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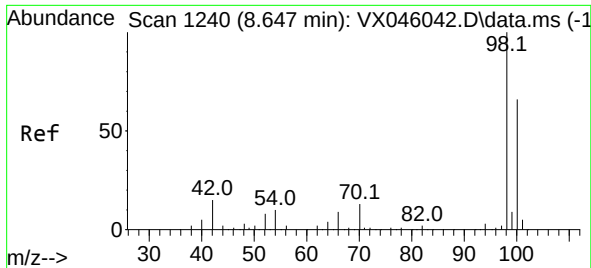
Tgt Ion: 75 Resp: 6273
Ion Ratio Lower Upper
75 100
110 11.1 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.191 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion: 117 Resp: 7241
Ion Ratio Lower Upper
117 100
119 6.5 75.2 112.8#
121 0.0 24.2 36.4#

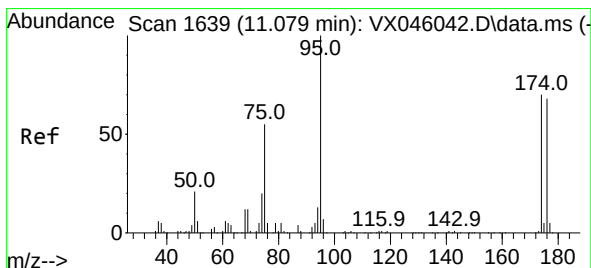
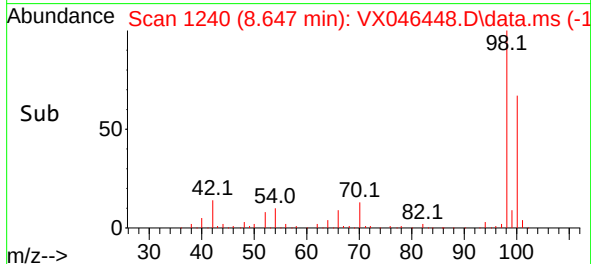
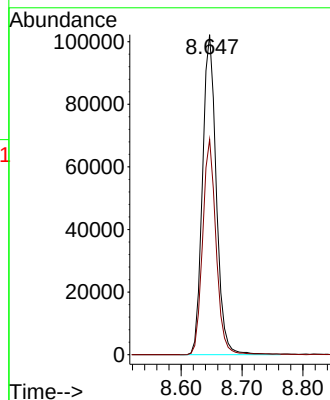
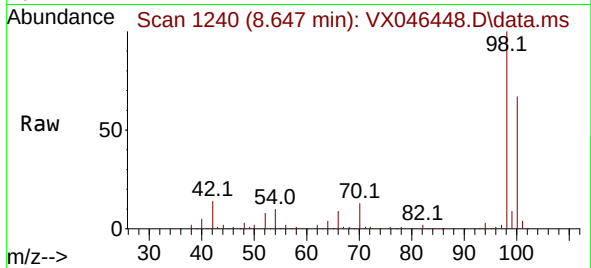




#50
Toluene-d8
Concen: 50.293 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

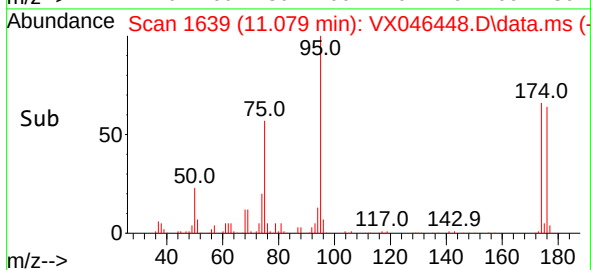
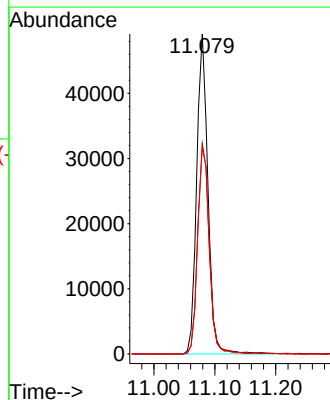
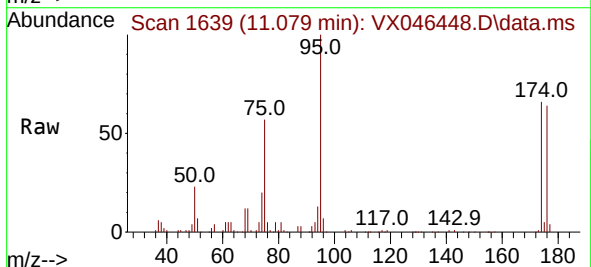
Instrument :
MSVOA_X
ClientSampleId :
446

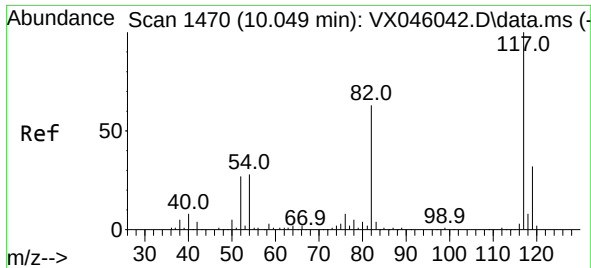
Tgt Ion: 98 Resp: 160831
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.335 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion: 95 Resp: 62971
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 66.7 0.0 131.4

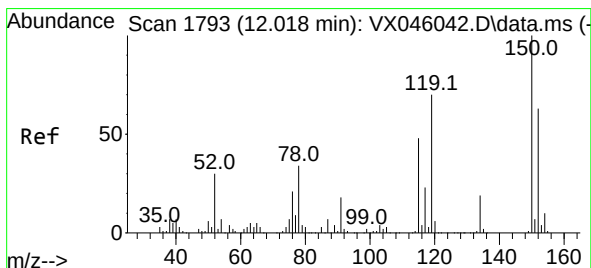
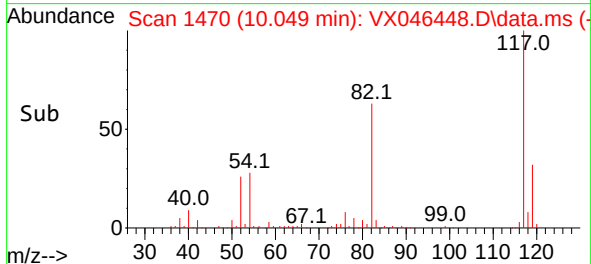
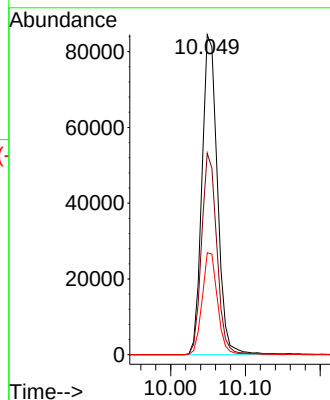
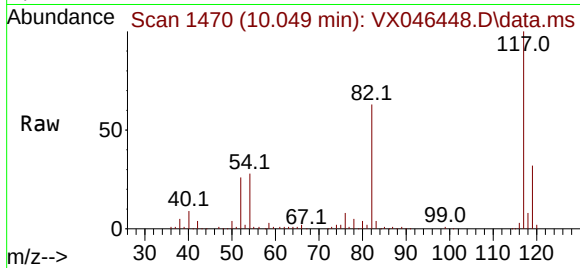




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

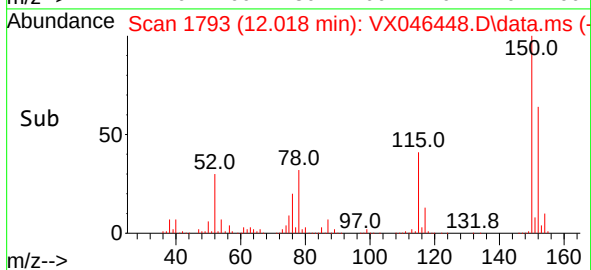
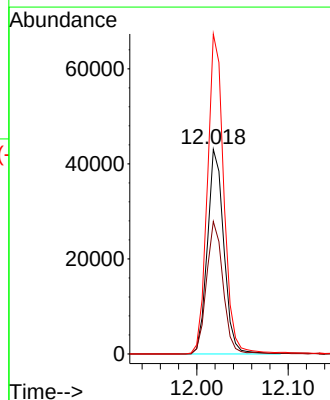
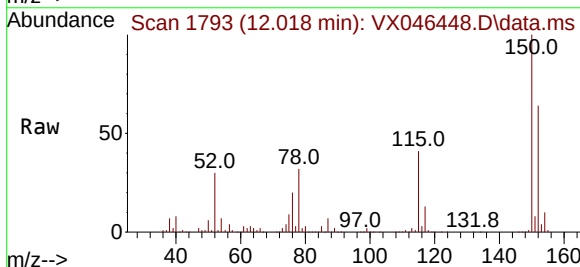
Instrument :
MSVOA_X
ClientSampleId :
446

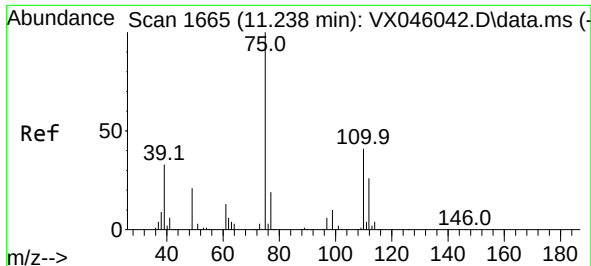
Tgt Ion:117 Resp: 121407
Ion Ratio Lower Upper
117 100
82 63.0 50.6 76.0
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion:152 Resp: 53685
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 157.0 0.0 351.0

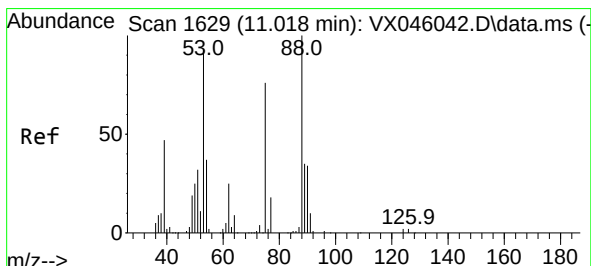
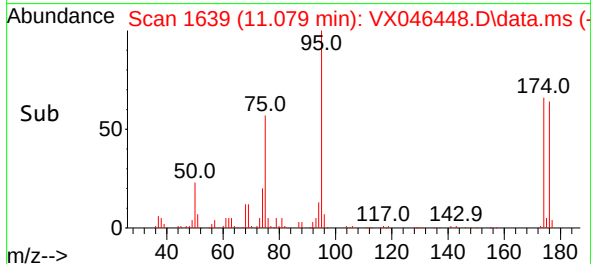
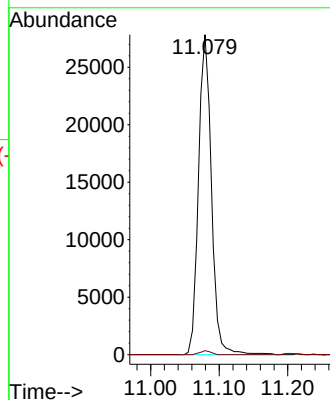
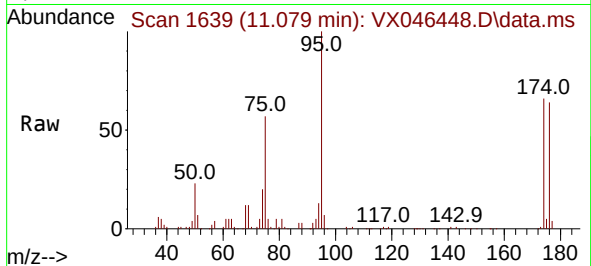




#76
1,2,3-Trichloropropane
Concen: 28.312 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

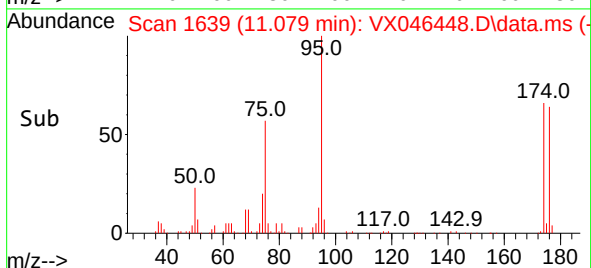
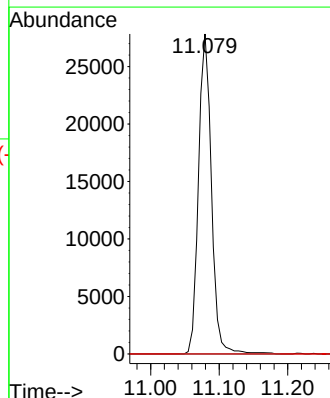
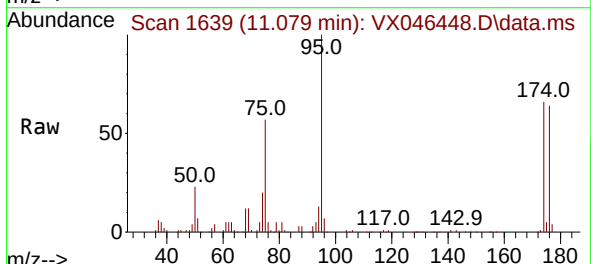
Instrument :
MSVOA_X
ClientSampleId :
446

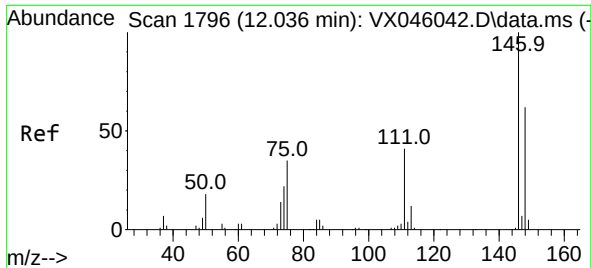
Tgt Ion: 75 Resp: 36586
Ion Ratio Lower Upper
75 100
77 1.1 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion: 75 Resp: 36586
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

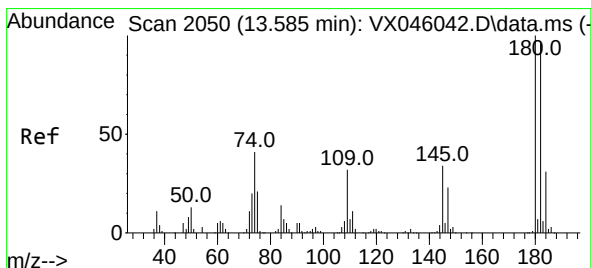
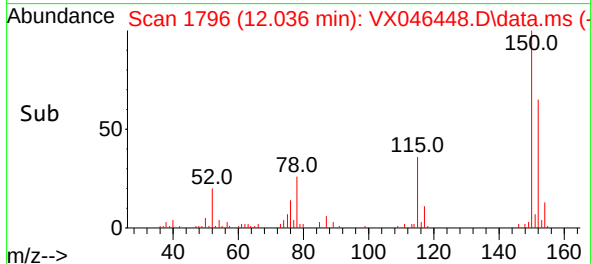
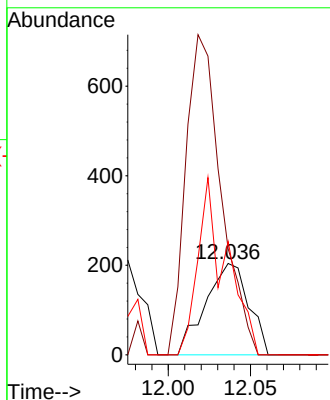
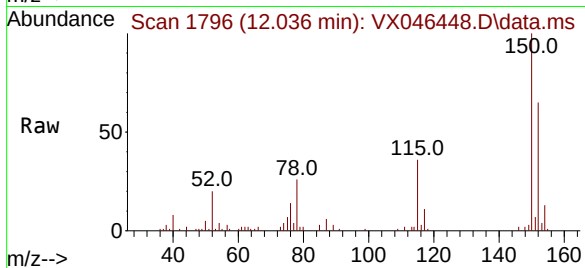




#88
1,4-Dichlorobenzene
Concen: 0.206 ug/l
RT: 12.036 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

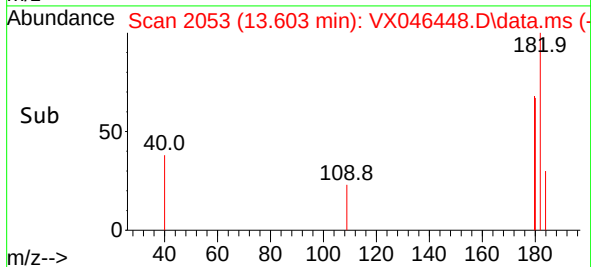
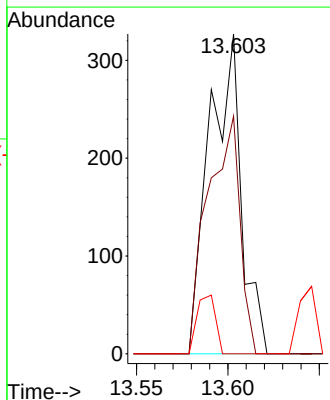
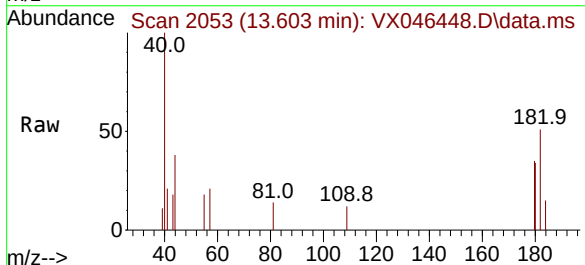
Instrument :
MSVOA_X
ClientSampleId :
446

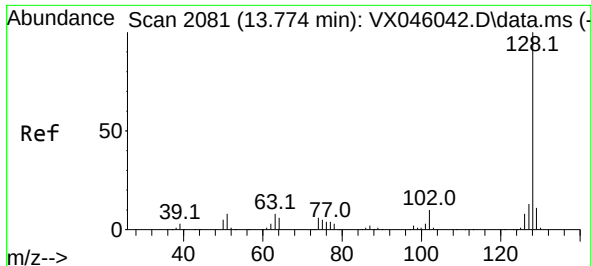
Tgt Ion:146 Resp: 373
Ion Ratio Lower Upper
146 100
111 286.9 21.3 63.9#
148 127.9 31.9 95.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.390 ug/l
RT: 13.603 min Scan# 2053
Delta R.T. 0.018 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion:180 Resp: 398
Ion Ratio Lower Upper
180 100
182 74.6 47.9 143.8
145 10.6 17.1 51.2#

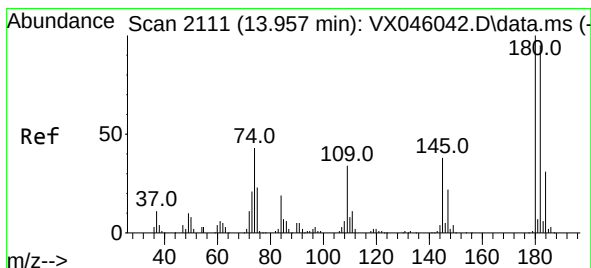
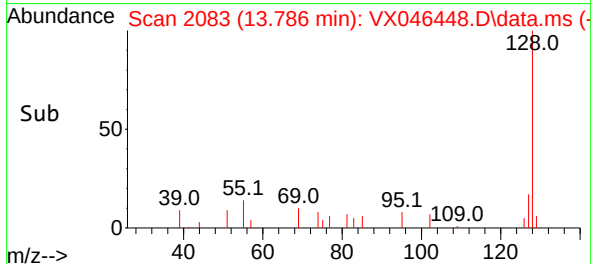
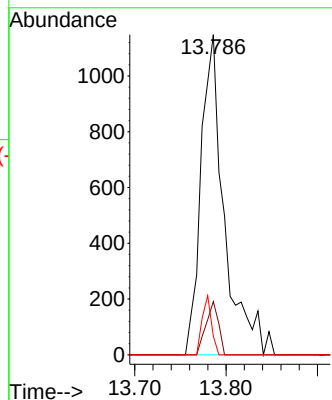
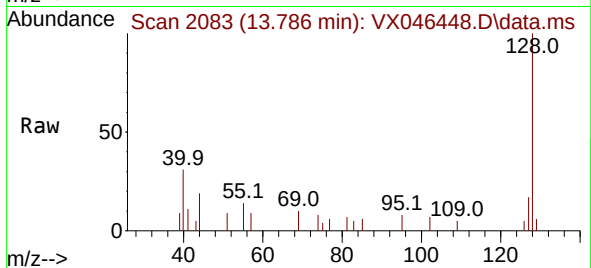




#95
Naphthalene
Concen: 0.545 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Instrument :
MSVOA_X
ClientSampleId :
446

Tgt Ion:128 Resp: 2039
Ion Ratio Lower Upper
128 100
127 8.9 10.4 15.6#
129 7.4 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.390 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046448.D
Acq: 02 Jun 2025 16:46

Tgt Ion:180 Resp: 411
Ion Ratio Lower Upper
180 100
182 83.0 47.8 143.3
145 56.0 18.1 54.3#

