

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046665.D
 Acq On : 12 Jun 2025 15:46
 Operator : JC/MD
 Sample : Q2275-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-08B-72.5-060925

Quant Time: Jun 13 01:45:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

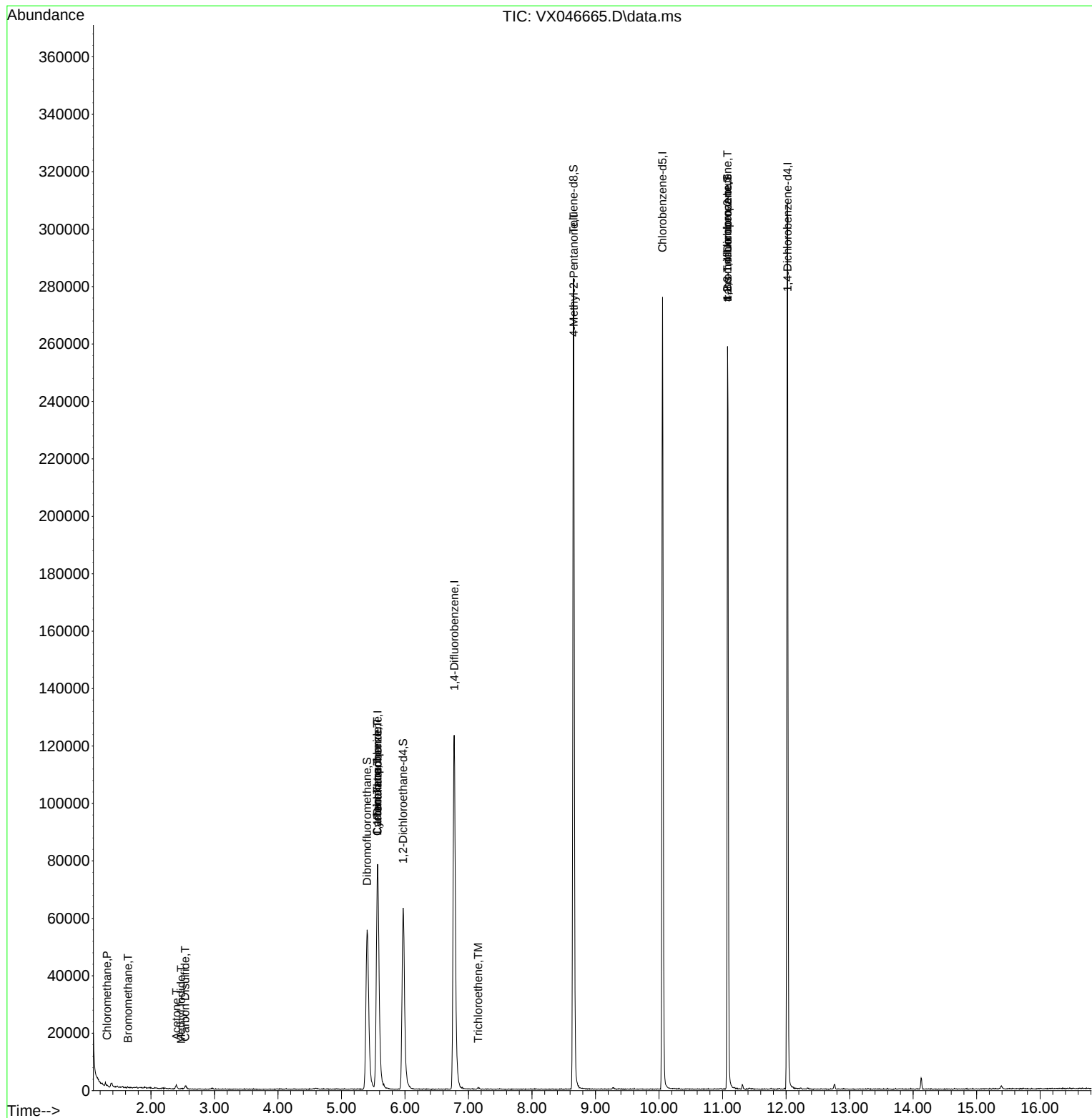
Internal Standards						
1) Pentafluorobenzene	5.568	168	75942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	133627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	68098	50.402	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.800%			
35) Dibromofluoromethane	5.403	113	52947	53.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.760%			
50) Toluene-d8	8.653	98	168786	52.098	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.200%			
62) 4-Bromofluorobenzene	11.079	95	71637	53.442	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.880%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	347	0.362	ug/l	89
5) Bromomethane	1.636	94	165	0.284	ug/l	84
10) Methyl Iodide	2.477	142	270	0.250	ug/l #	63
16) Acetone	2.398	43	1798	7.921	ug/l #	86
17) Carbon Disulfide	2.538	76	598	0.514	ug/l #	76
31) Cyclohexane	5.562	56	1808	1.151	ug/l #	30
36) 1,1-Dichloropropene	5.562	75	6660	4.745	ug/l #	52
38) Carbon Tetrachloride	5.562	117	8442	5.369	ug/l #	17
44) Trichloroethene	7.153	130	238	0.237	ug/l	60
51) 4-Methyl-2-Pentanone	8.659	43	845	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37970	28.965	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37970	83.553	ug/l #	1

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

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OW-08B-72.5-060925

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Response via : Initial Calibration

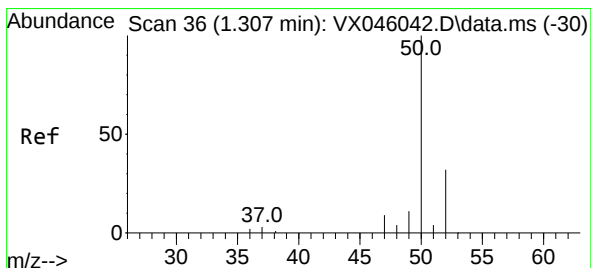
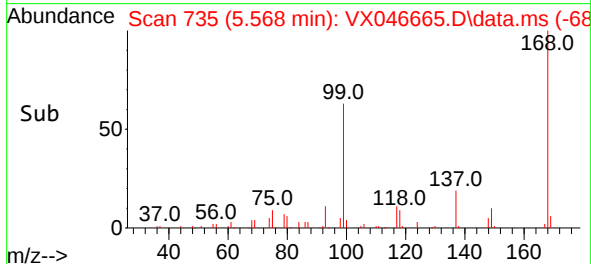
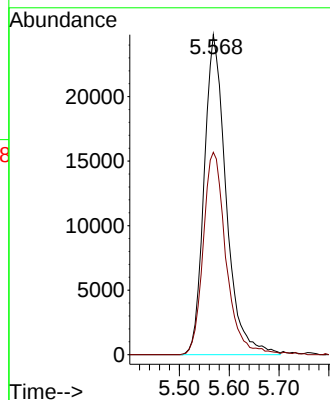
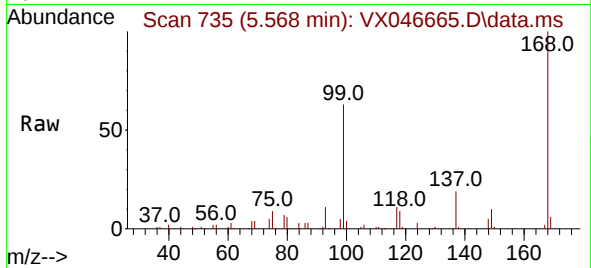




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

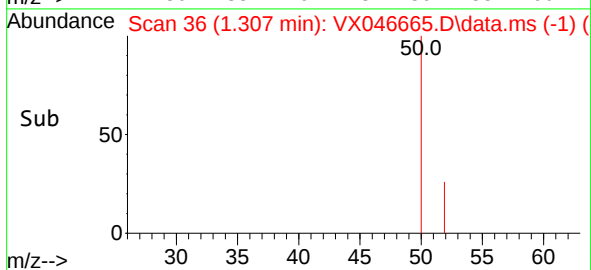
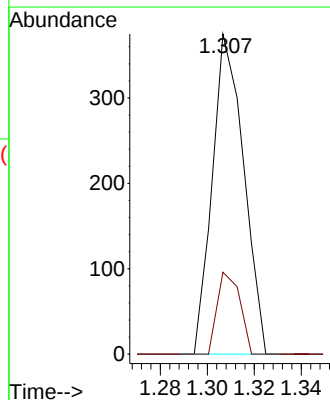
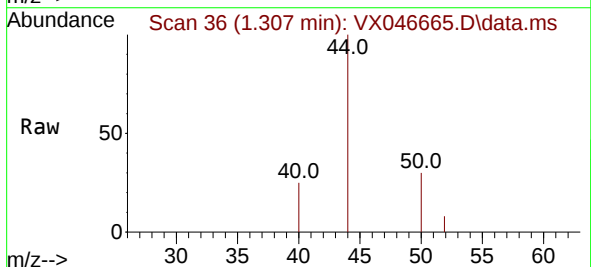
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

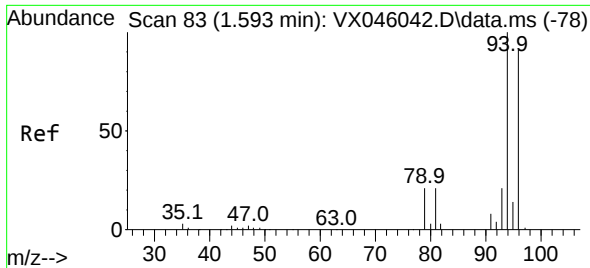
Tgt Ion:168 Resp: 75942
Ion Ratio Lower Upper
168 100
99 63.3 54.9 82.3



#3
Chloromethane
Concen: 0.362 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Tgt Ion: 50 Resp: 347
Ion Ratio Lower Upper
50 100
52 25.6 25.4 38.2

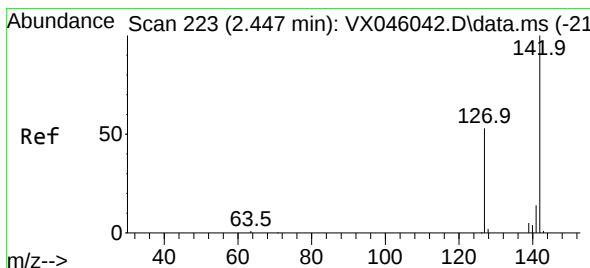
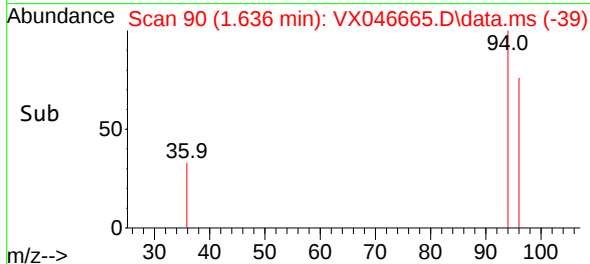
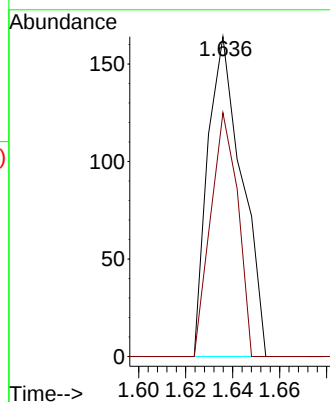
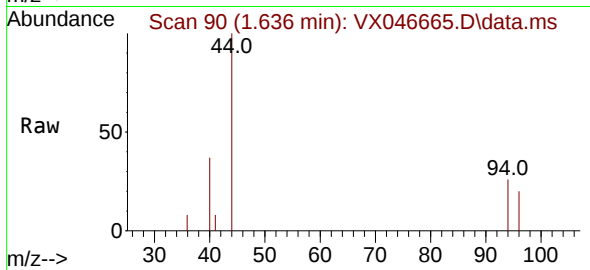




#5
Bromomethane
Concen: 0.284 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

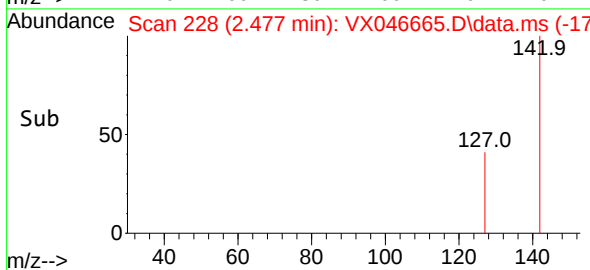
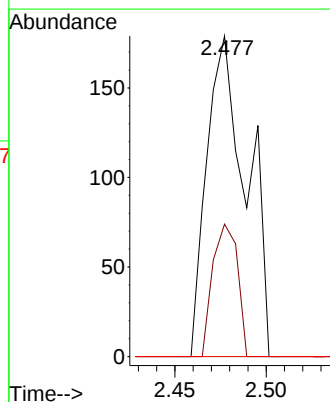
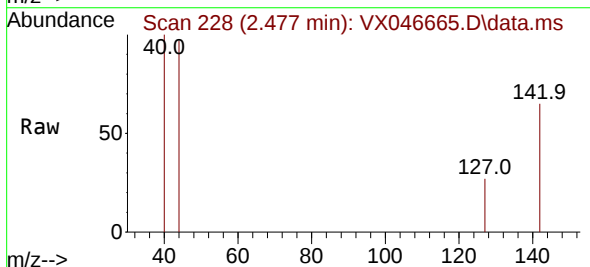
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion: 94 Resp: 165
Ion Ratio Lower Upper
94 100
96 76.2 72.8 109.2



#10
Methyl Iodide
Concen: 0.250 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Tgt Ion: 142 Resp: 270
Ion Ratio Lower Upper
142 100
127 25.9 41.7 62.5#
141 0.0 11.5 17.3#

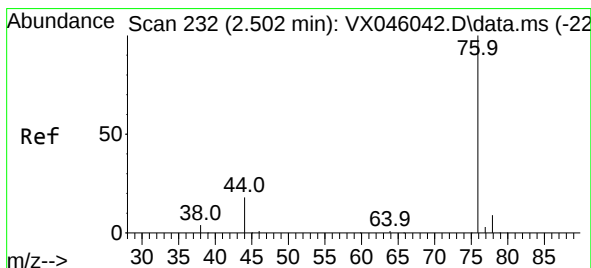
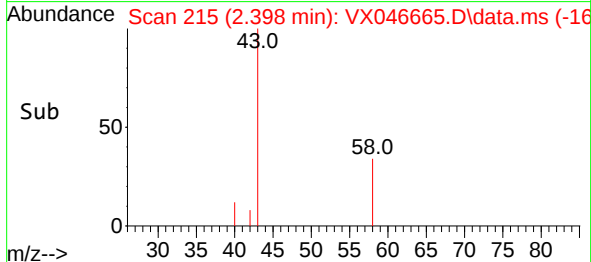
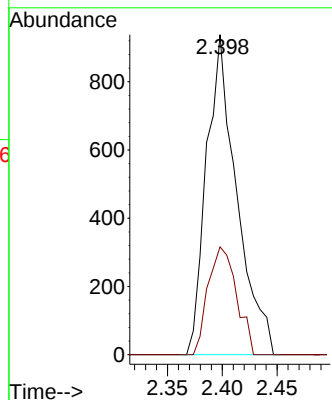
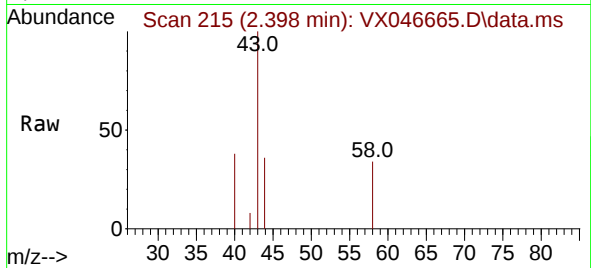




#16
Acetone
Concen: 7.921 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

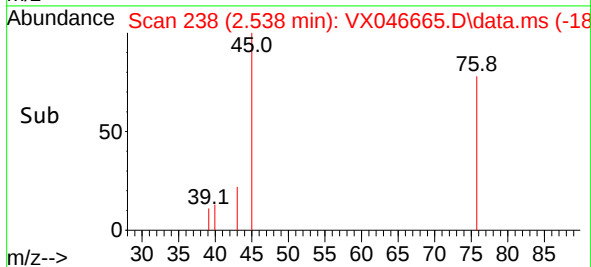
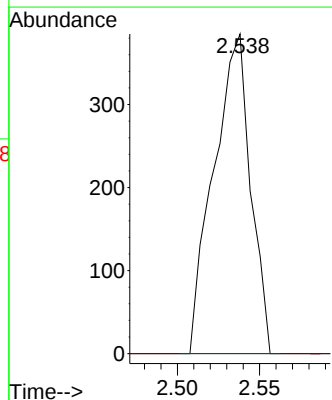
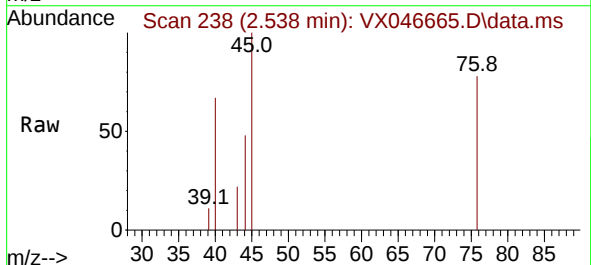
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

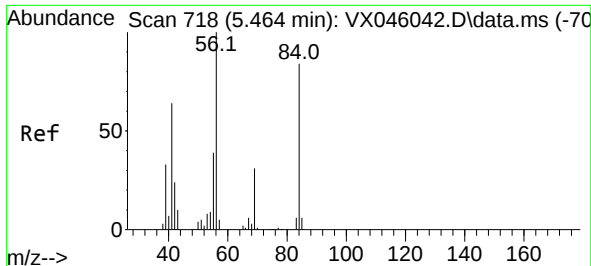
Tgt Ion: 43 Resp: 1798
Ion Ratio Lower Upper
43 100
58 33.7 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.514 ug/l
RT: 2.538 min Scan# 238
Delta R.T. 0.006 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

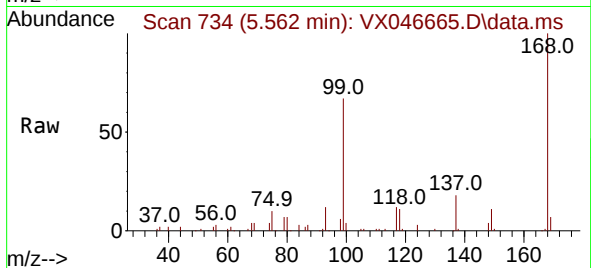
Tgt Ion: 76 Resp: 598
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



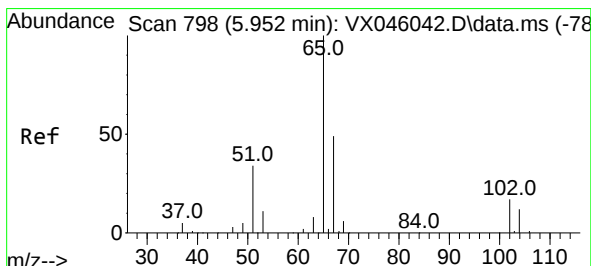
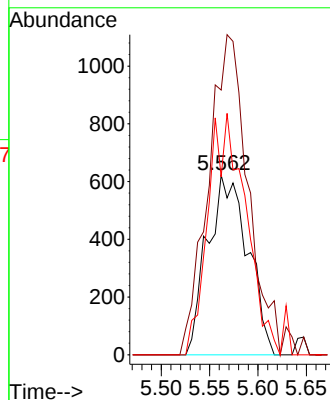
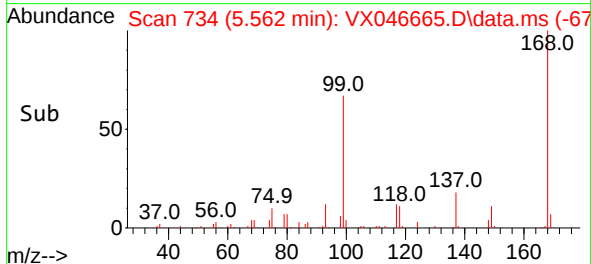


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

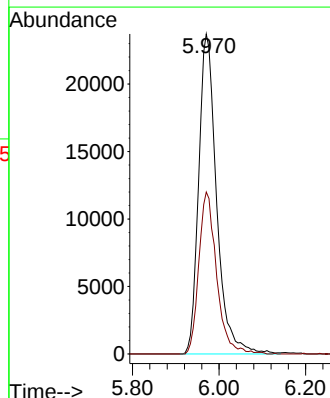
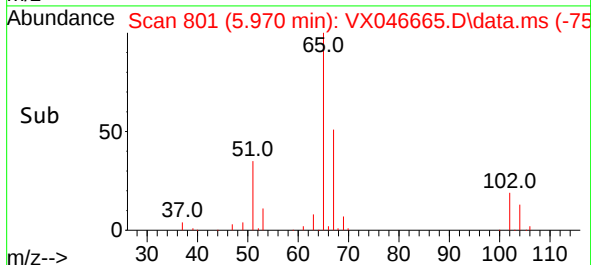
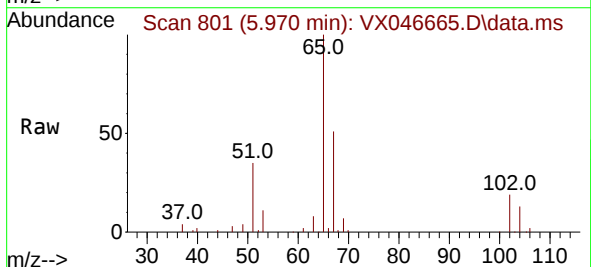


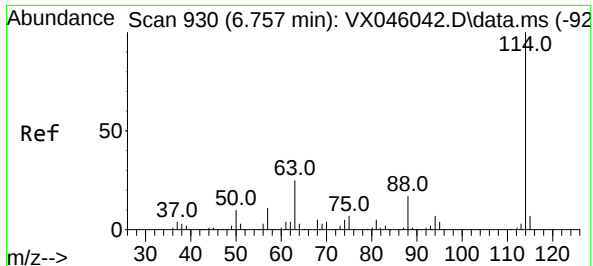
Tgt Ion: 56 Resp: 1808
Ion Ratio Lower Upper
56 100
69 147.2 24.4 36.6#
84 98.9 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.402 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Tgt Ion: 65 Resp: 68098
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0

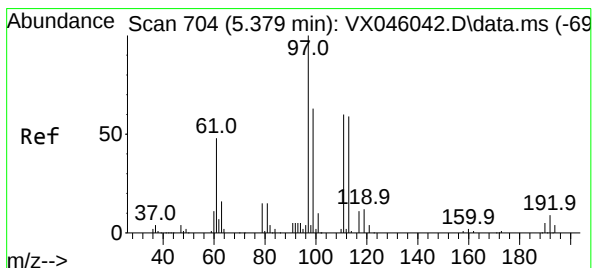
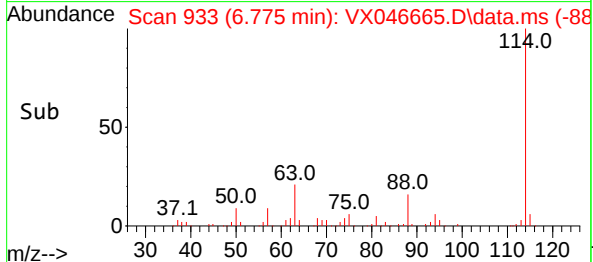
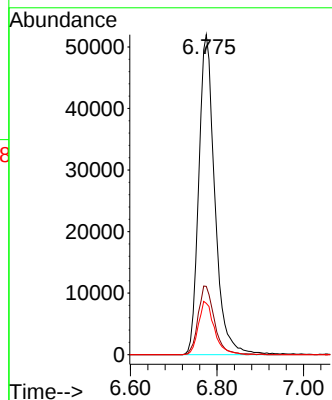
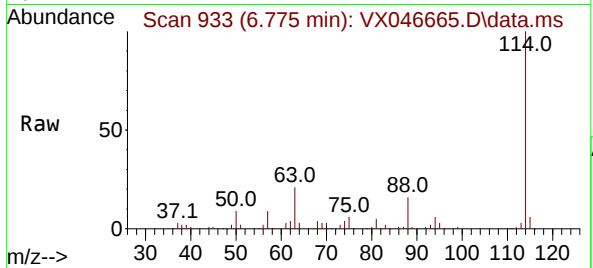




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

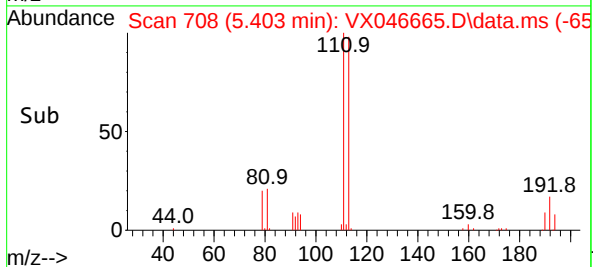
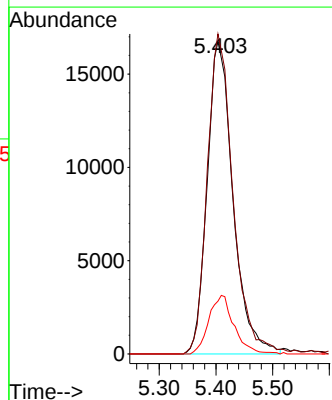
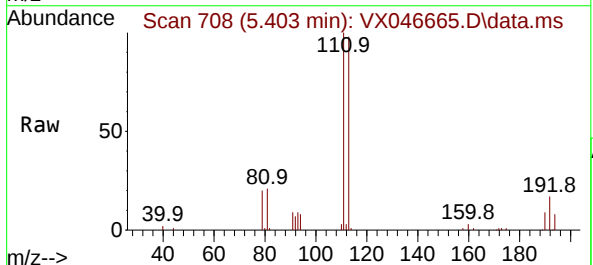
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

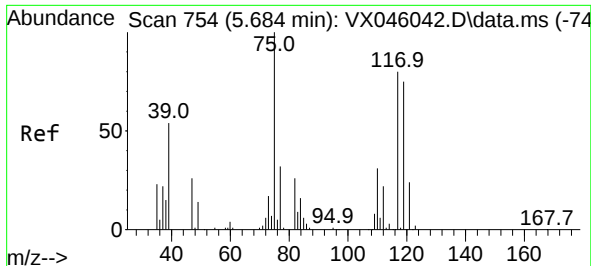
Tgt Ion:114 Resp: 133627
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.2
88 16.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 53.880 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Tgt Ion:113 Resp: 52947
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 18.3 13.3 19.9

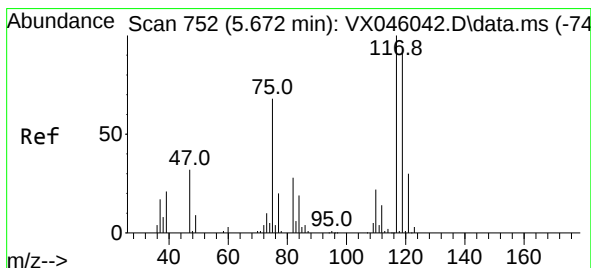
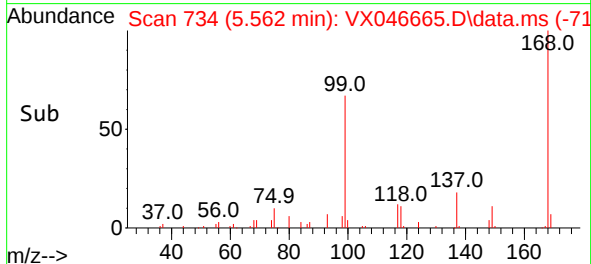
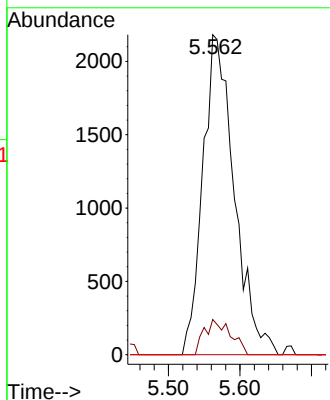
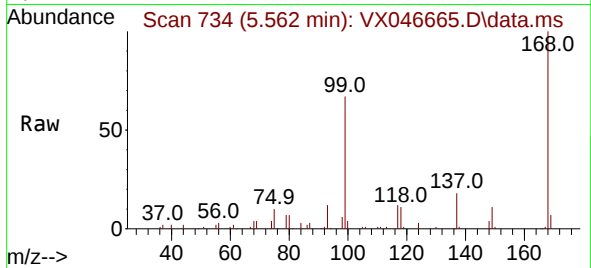




#36
 1,1-Dichloropropene
 Concen: 4.745 ug/l
 RT: 5.562 min Scan# 71
 Delta R.T. -0.152 min
 Lab File: VX046665.D
 Acq: 12 Jun 2025 15:46

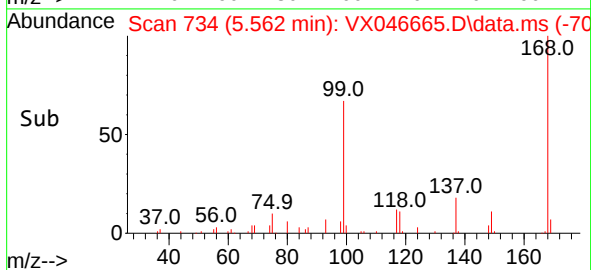
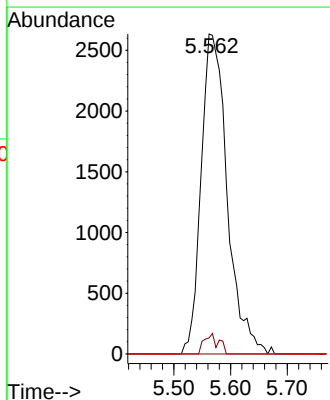
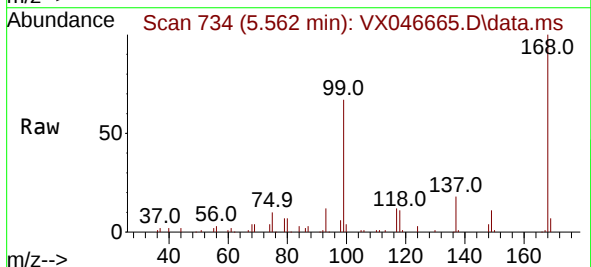
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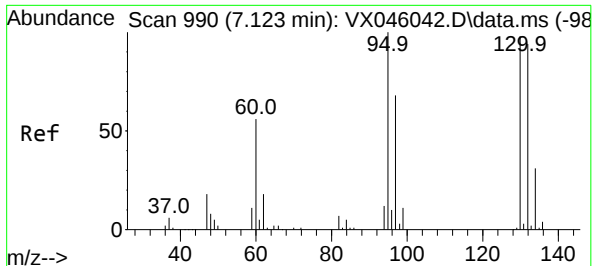
Tgt Ion: 75 Resp: 6660
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.3 48.9#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.369 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.134 min
 Lab File: VX046665.D
 Acq: 12 Jun 2025 15:46

Tgt Ion: 117 Resp: 8442
 Ion Ratio Lower Upper
 117 100
 119 5.0 75.2 112.8#
 121 0.0 24.2 36.4#

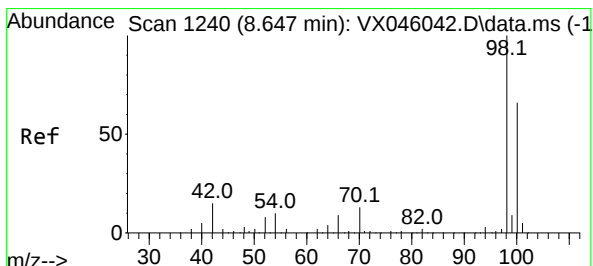
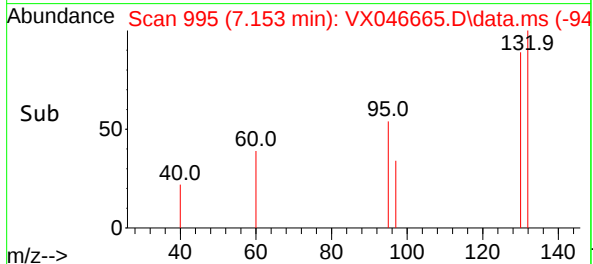
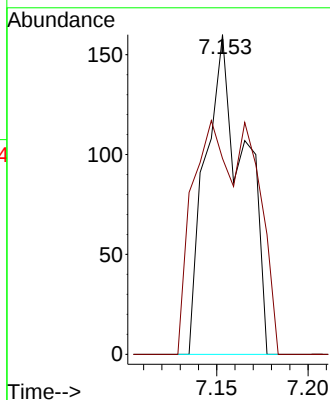
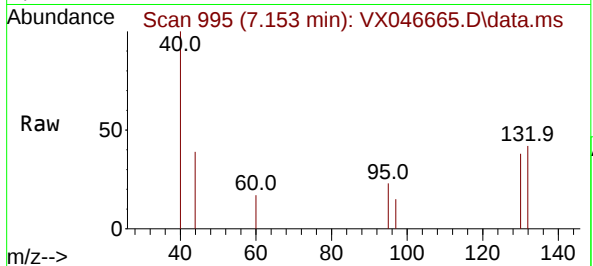




#44
 Trichloroethene
 Concen: 0.237 ug/l
 RT: 7.153 min Scan# 94
 Delta R.T. 0.018 min
 Lab File: VX046665.D
 Acq: 12 Jun 2025 15:46

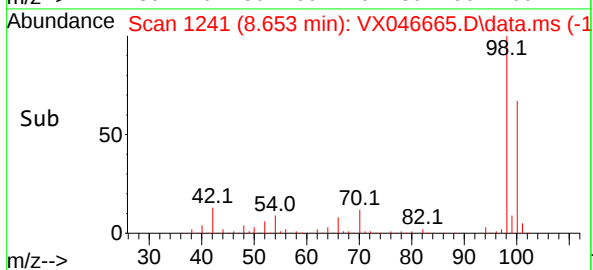
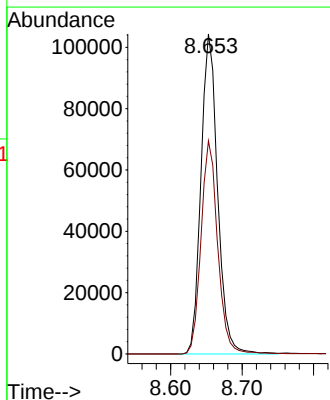
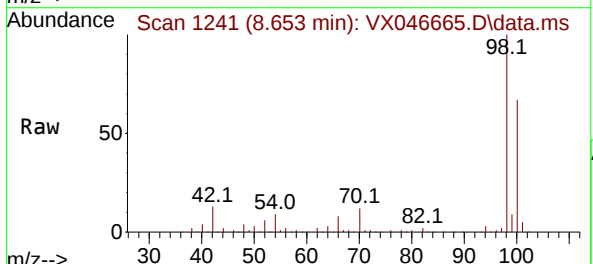
Instrument :
 MSVOA_X
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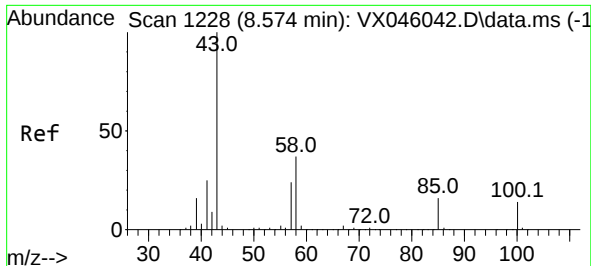
Tgt Ion:130 Resp: 238
 Ion Ratio Lower Upper
 130 100
 95 61.3 0.0 204.2



#50
 Toluene-d8
 Concen: 52.098 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX046665.D
 Acq: 12 Jun 2025 15:46

Tgt Ion: 98 Resp: 168786
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.5 80.3

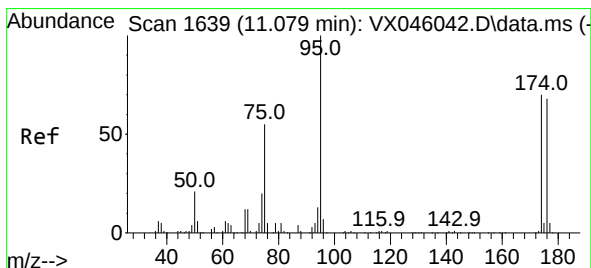
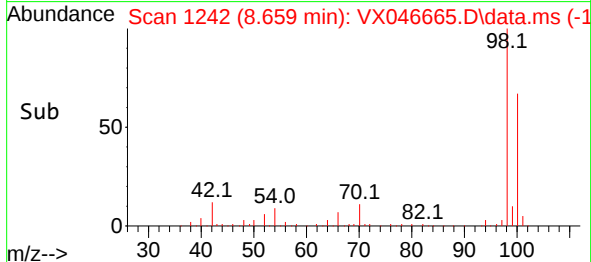
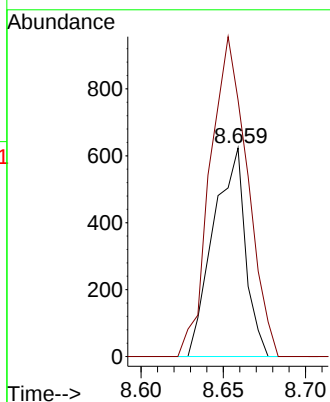
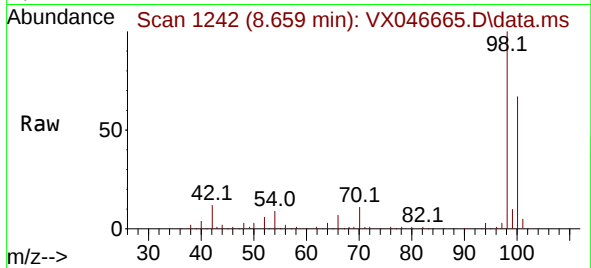




#51
4-Methyl-2-Pentanone
Concen: 0.557 ug/l
RT: 8.659 min Scan# 11
Delta R.T. 0.086 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

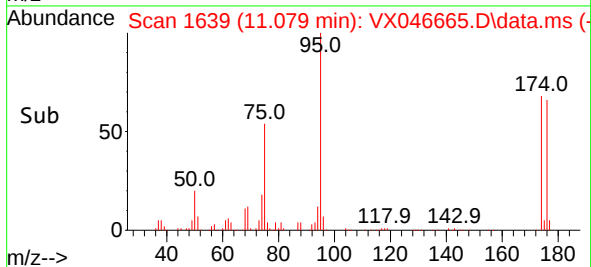
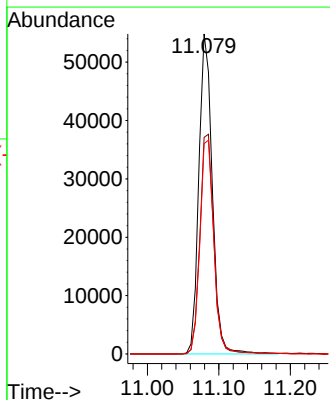
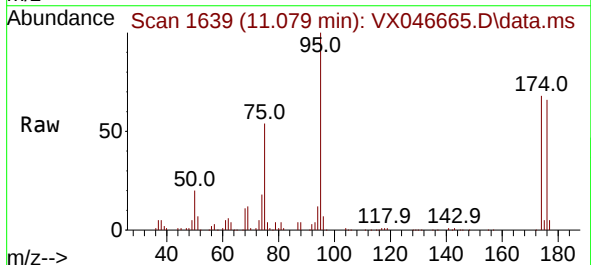
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

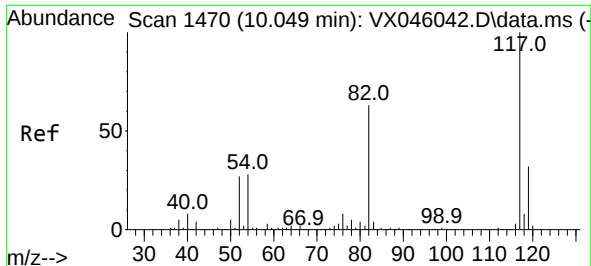
Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 178.2 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 53.442 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Tgt Ion: 95 Resp: 71637
Ion Ratio Lower Upper
95 100
174 71.4 0.0 135.8
176 68.9 0.0 131.4

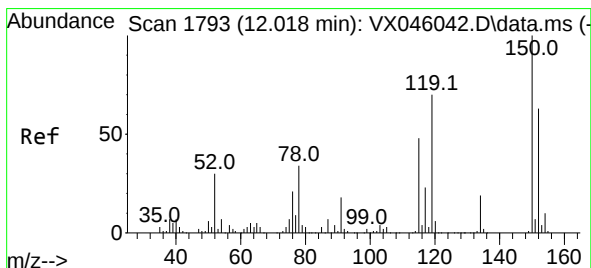
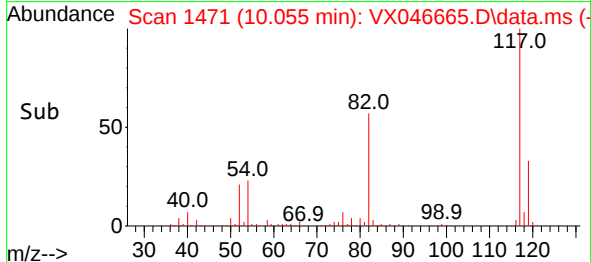
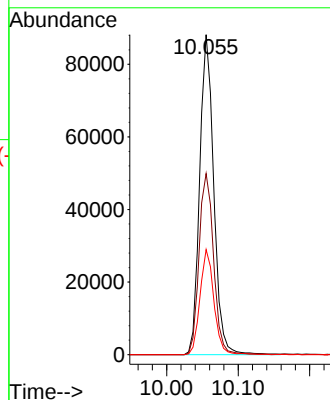
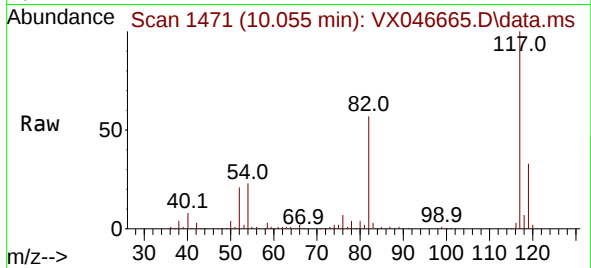




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

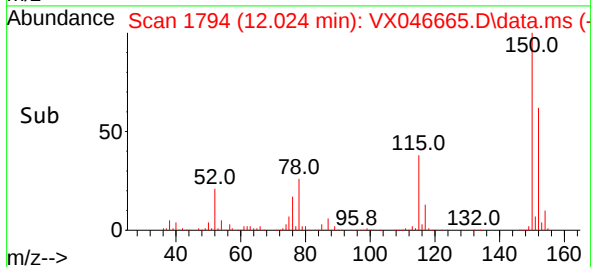
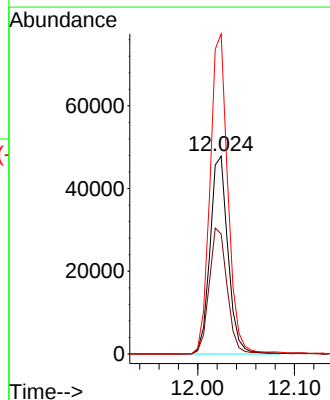
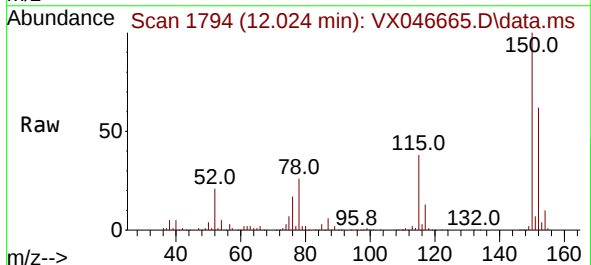
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

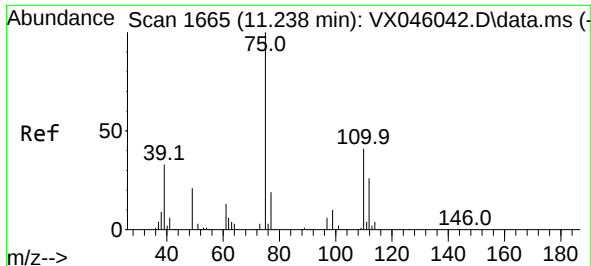
Tgt Ion:117 Resp: 120396
Ion Ratio Lower Upper
117 100
82 56.6 50.6 76.0
119 32.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Tgt Ion:152 Resp: 61889
Ion Ratio Lower Upper
152 100
115 63.9 46.9 140.7
150 161.2 0.0 351.0

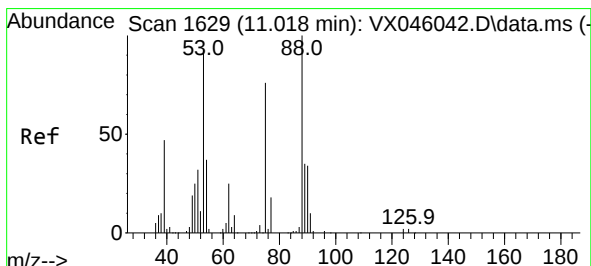
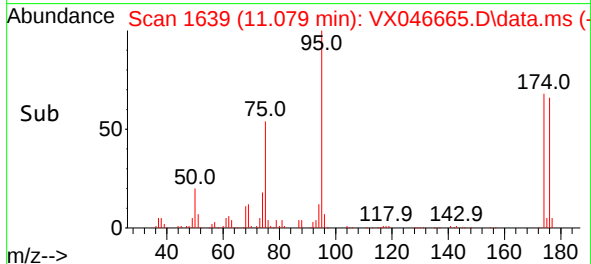
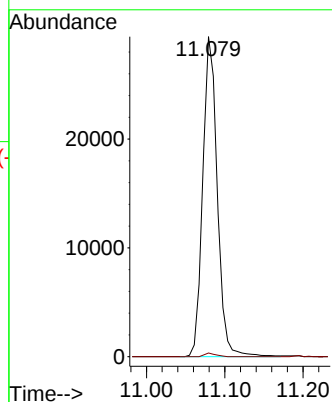
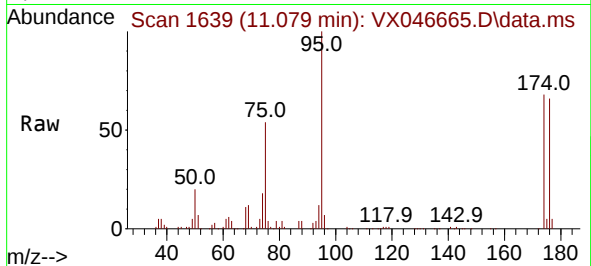




#76
1,2,3-Trichloropropane
Concen: 28.965 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion: 75 Resp: 37970
Ion Ratio Lower Upper
75 100
77 0.9 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Tgt Ion: 75 Resp: 37970
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.1 37.0 55.6#

