

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047040.D
 Acq On : 18 Jul 2025 11:19
 Operator : JC/MD
 Sample : VX0718WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBL01

Quant Time: Jul 19 04:20:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

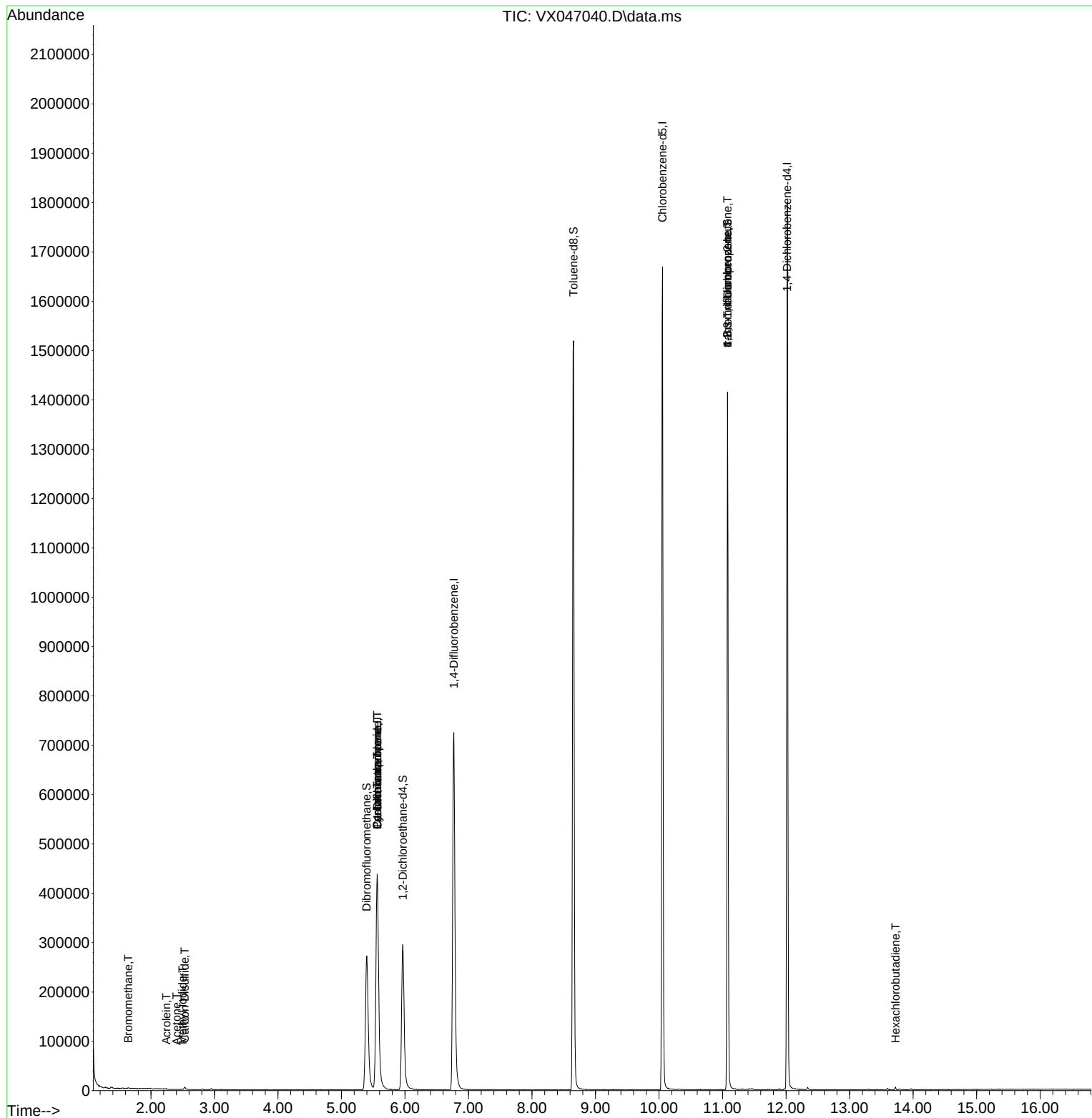
Internal Standards						
1) Pentafluorobenzene	5.562	168	437418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	776340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	741516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	354639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	308954	53.464	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.920%	
35) Dibromofluoromethane	5.397	113	259964	49.331	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.660%	
50) Toluene-d8	8.653	98	936119	50.348	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	11.079	95	378379	53.546	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	978	0.306	ug/l #	64
10) Methyl Iodide	2.495	142	1980	0.371	ug/l #	86
13) Acrolein	2.239	56	39	2.927	ug/l #	1
16) Acetone	2.404	43	618	0.344	ug/l	96
17) Carbon Disulfide	2.532	76	5633	0.453	ug/l	97
31) Cyclohexane	5.562	56	8945	1.083	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	36230	5.096	ug/l #	52
38) Carbon Tetrachloride	5.562	117	47712	6.347	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	196682	35.893	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	196682	96.319	ug/l #	8
94) Hexachlorobutadiene	13.725	225	761	0.264	ug/l	95

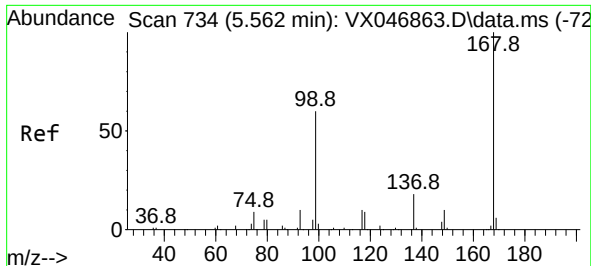
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
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Quant Time: Jul 19 04:20:31 2025
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Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

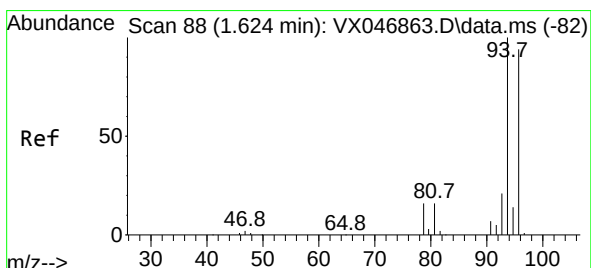
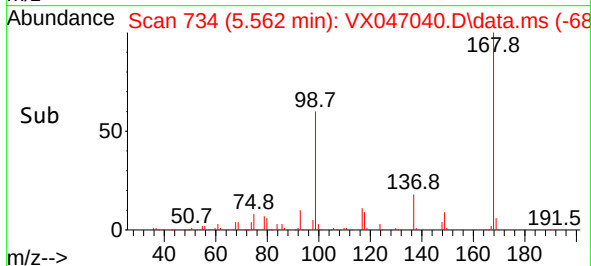
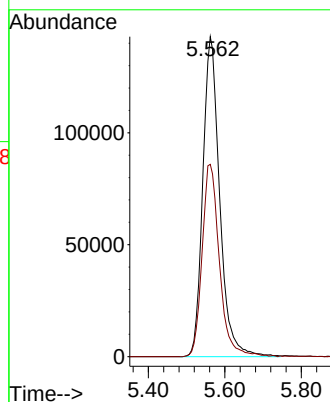
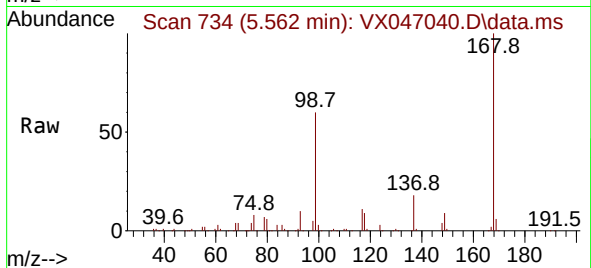




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

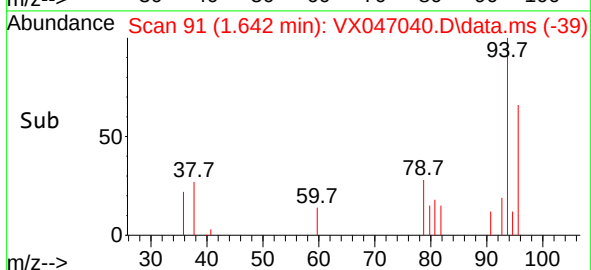
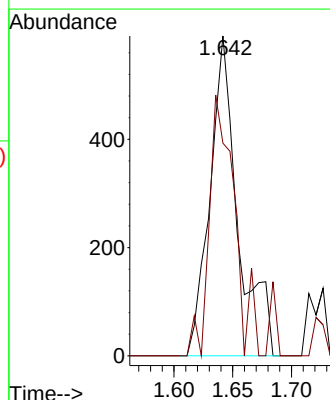
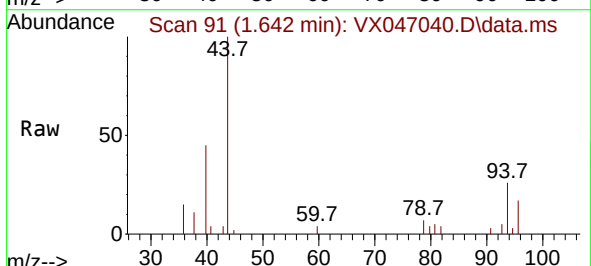
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

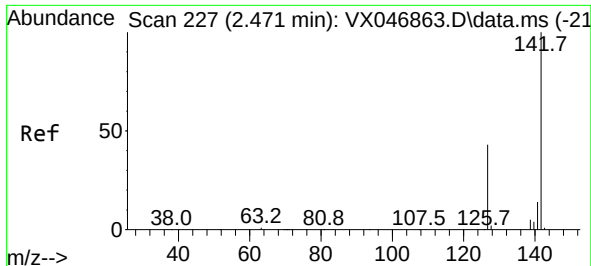
Tgt Ion:168 Resp: 437418
Ion Ratio Lower Upper
168 100
99 60.1 48.8 73.2



#5
Bromomethane
Concen: 0.306 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Tgt Ion: 94 Resp: 978
Ion Ratio Lower Upper
94 100
96 59.3 75.5 113.3#

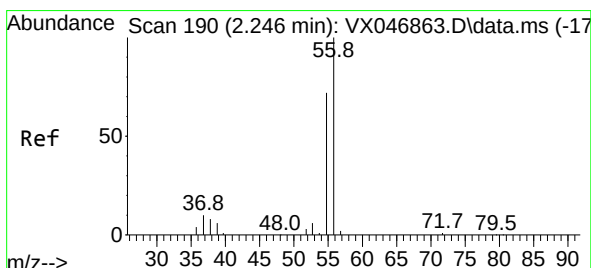
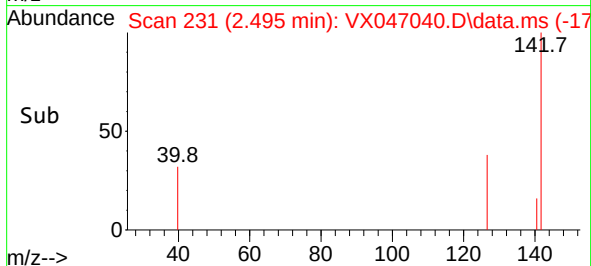
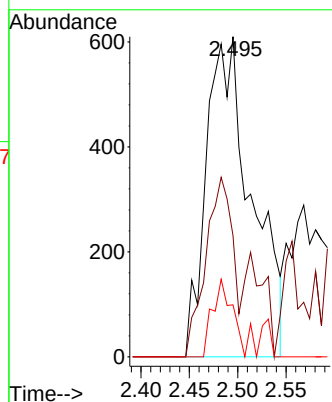
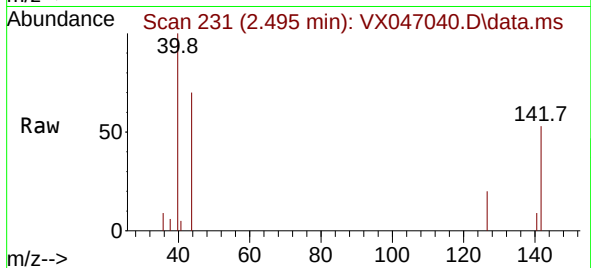




#10
Methyl Iodide
Concen: 0.371 ug/l
RT: 2.495 min Scan# 21
Delta R.T. 0.024 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

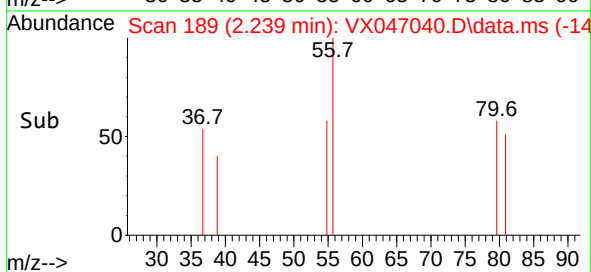
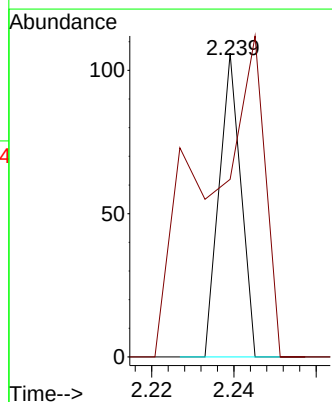
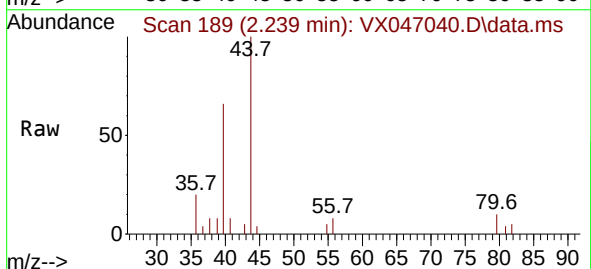
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

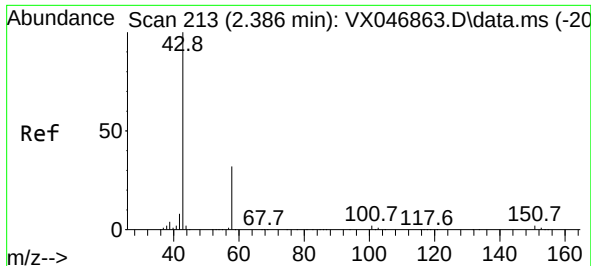
Tgt Ion:142 Resp: 1980
Ion Ratio Lower Upper
142 100
127 33.6 34.9 52.3#
141 10.6 11.1 16.7#



#13
Acrolein
Concen: 2.927 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.007 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 282.1 55.5 83.3#

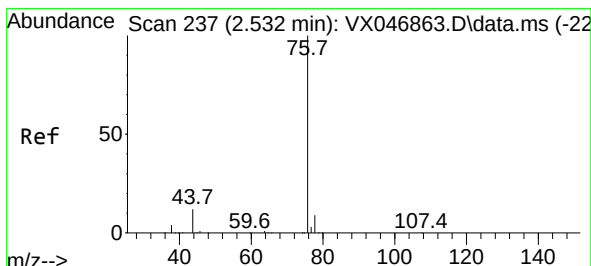
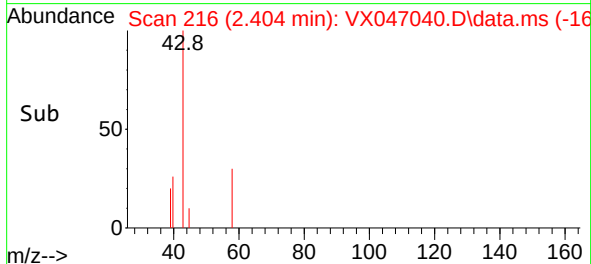
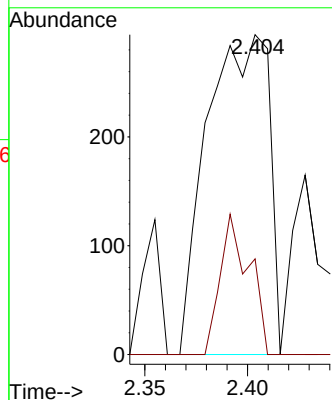
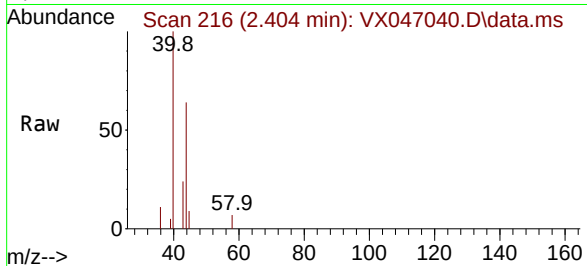




#16
Acetone
Concen: 0.344 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

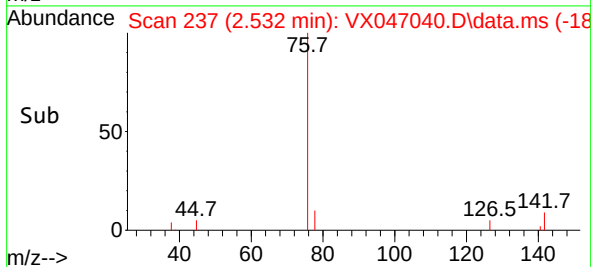
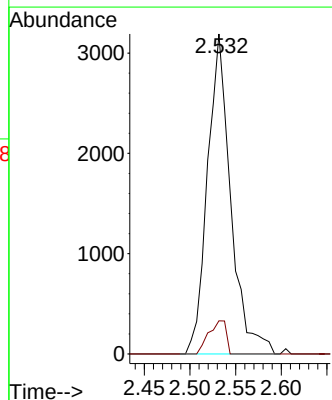
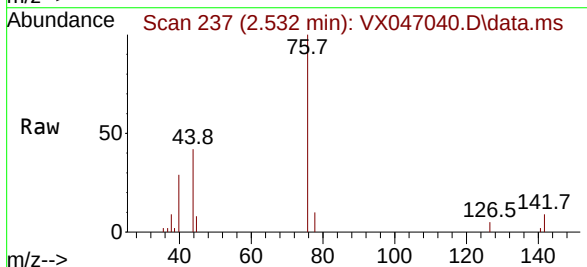
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

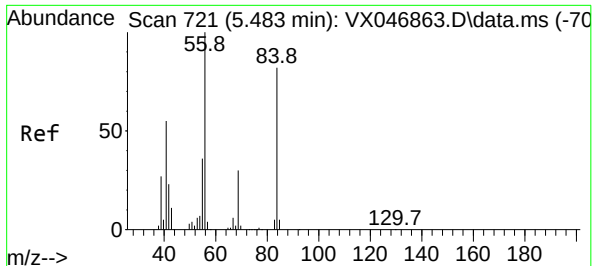
Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
58 29.9 25.8 38.6



#17
Carbon Disulfide
Concen: 0.453 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Tgt Ion: 76 Resp: 5633
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2

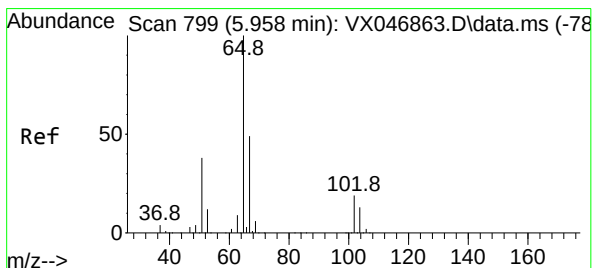
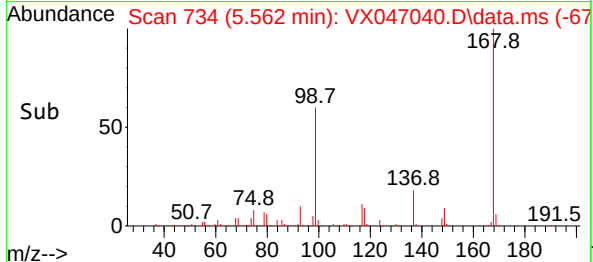
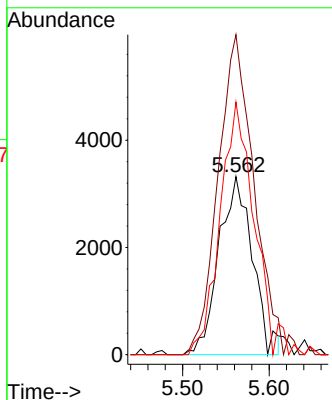
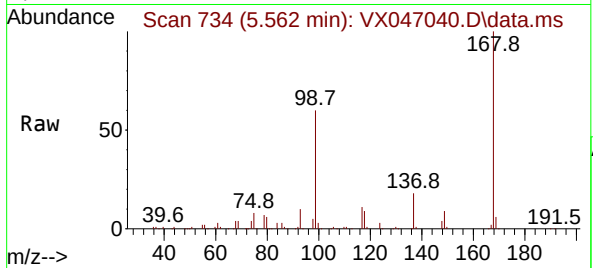




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

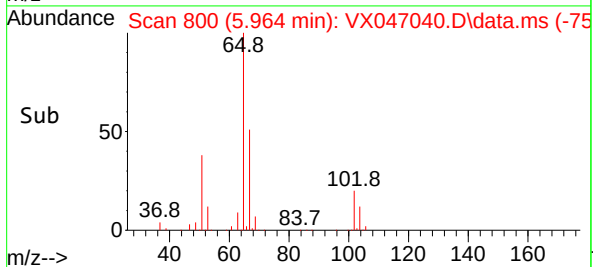
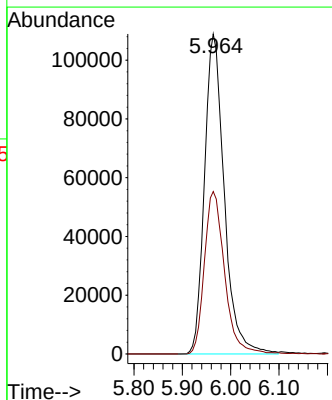
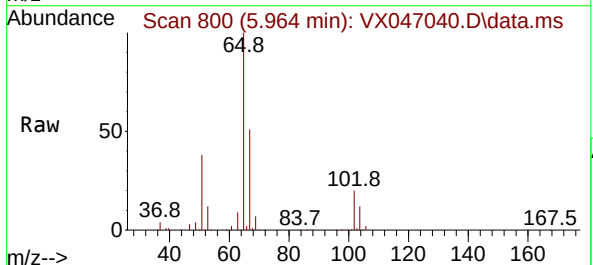
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

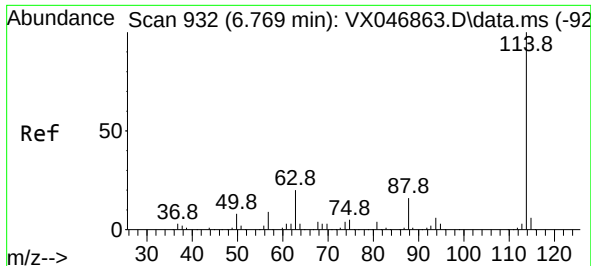
Tgt Ion: 56 Resp: 8945
Ion Ratio Lower Upper
56 100
69 179.7 24.0 36.0#
84 141.8 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 53.464 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Tgt Ion: 65 Resp: 308954
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2

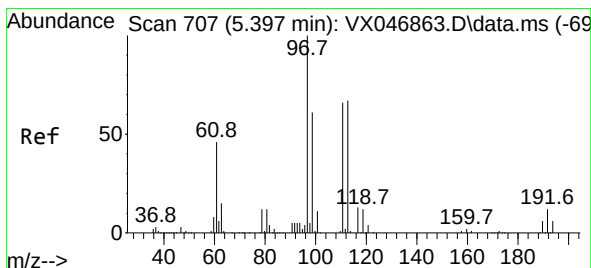
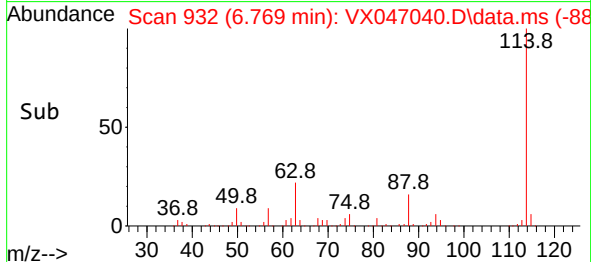
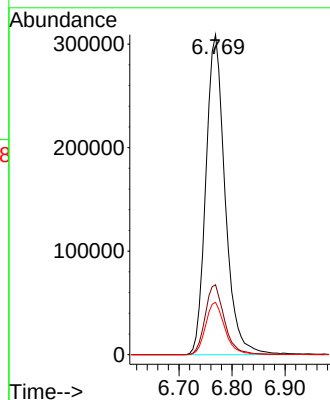
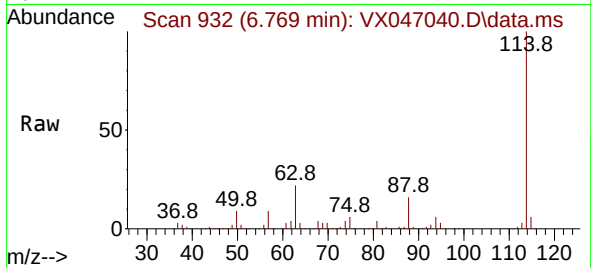




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX047040.D
 Acq: 18 Jul 2025 11:19

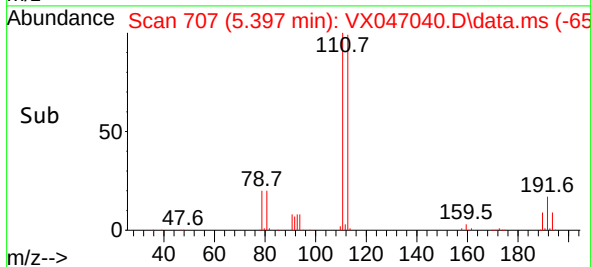
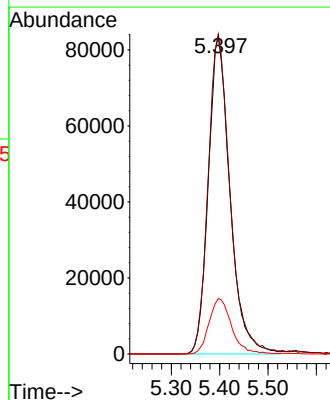
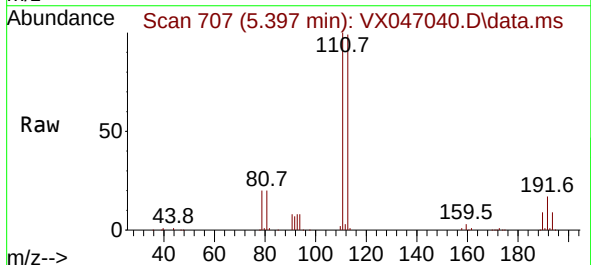
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBL01

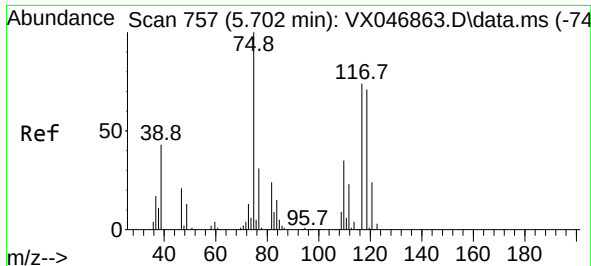
Tgt Ion:114 Resp: 776340
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.4
 88 16.4 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 49.331 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VX047040.D
 Acq: 18 Jul 2025 11:19

Tgt Ion:113 Resp: 259964
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.2 121.8
 192 18.1 15.3 22.9

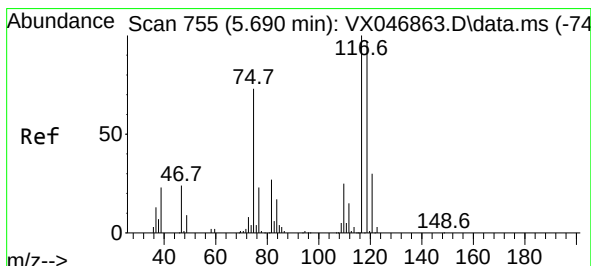
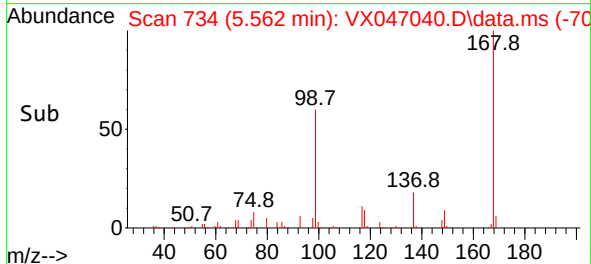
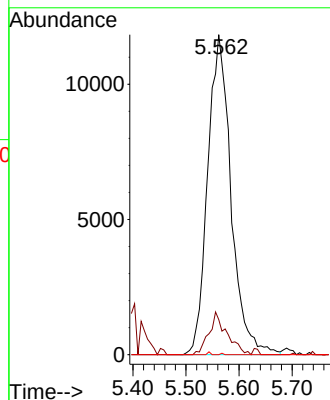
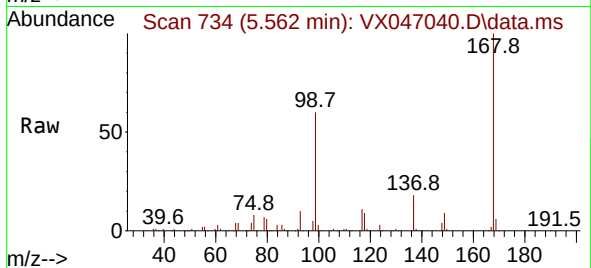




#36
1,1-Dichloropropene
Concen: 5.096 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

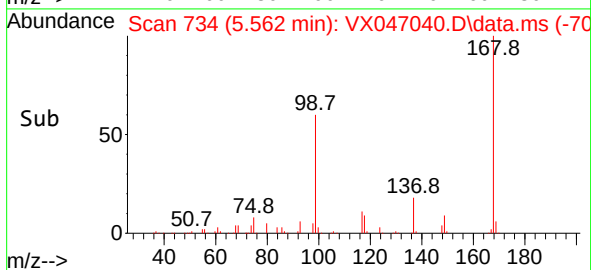
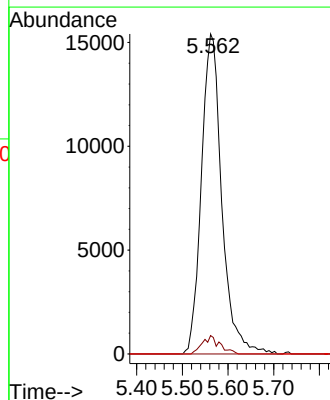
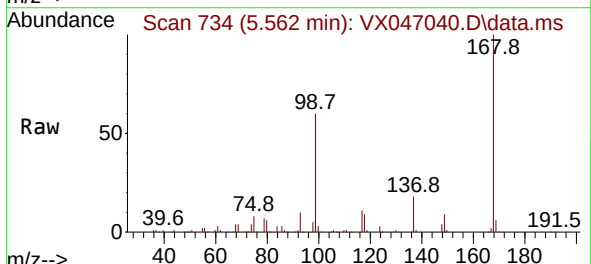
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VX0718WBL01

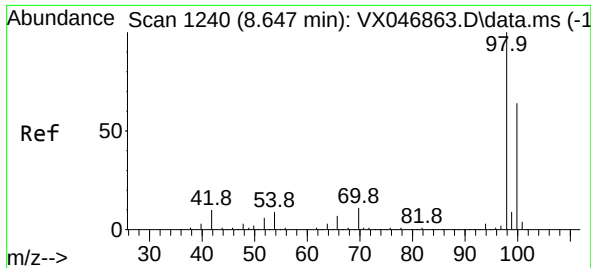
Tgt Ion: 75 Resp: 36230
Ion Ratio Lower Upper
75 100
110 10.2 17.3 51.9#
77 0.1 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.347 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Tgt Ion: 117 Resp: 47712
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 24.1 36.1#

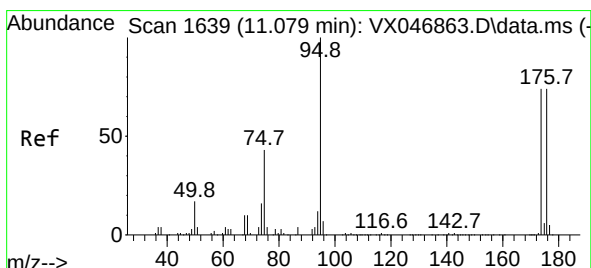
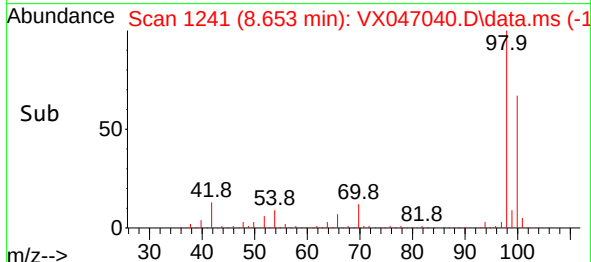
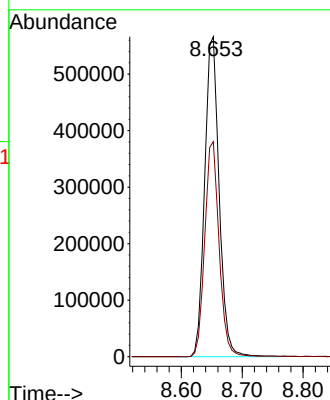
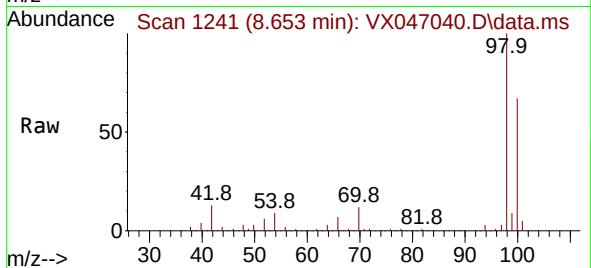




#50
Toluene-d8
Concen: 50.348 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

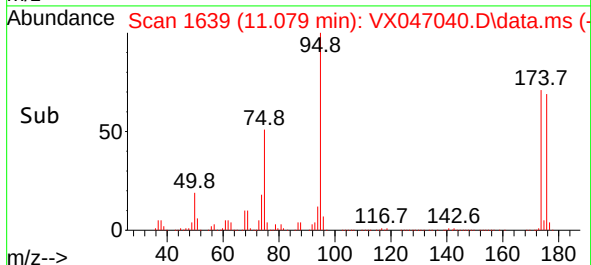
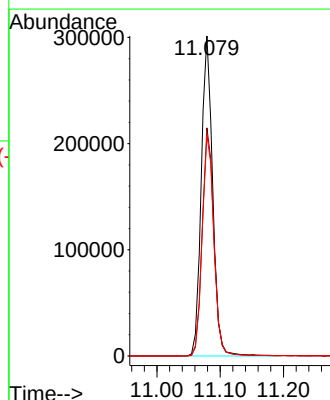
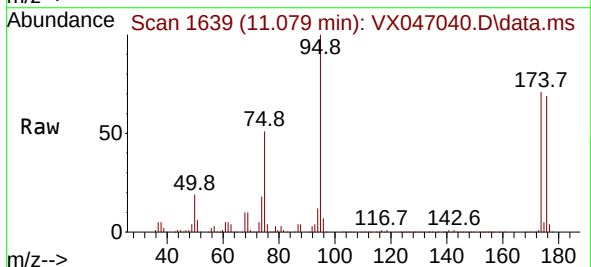
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

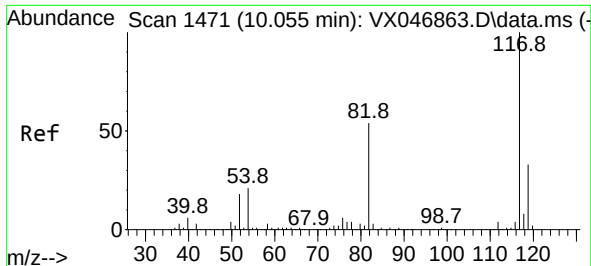
Tgt Ion: 98 Resp: 936119
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 53.546 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Tgt Ion: 95 Resp: 378379
Ion Ratio Lower Upper
95 100
174 72.8 0.0 152.0
176 70.7 0.0 145.2

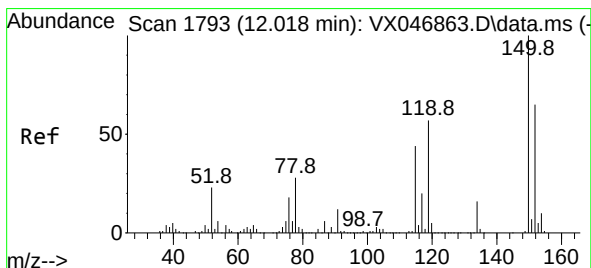
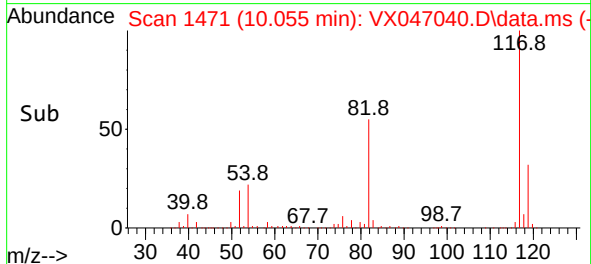
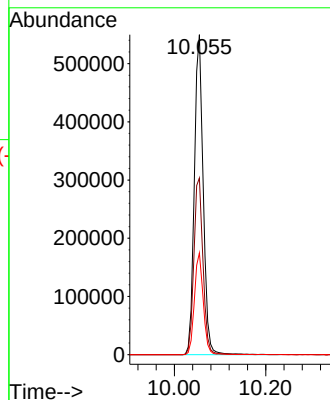
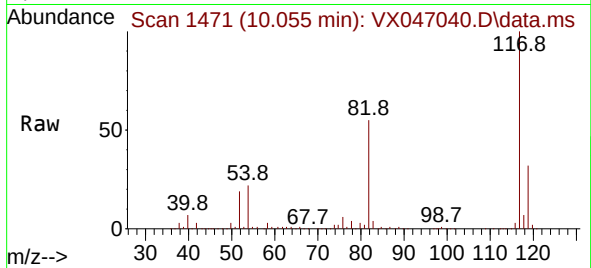




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

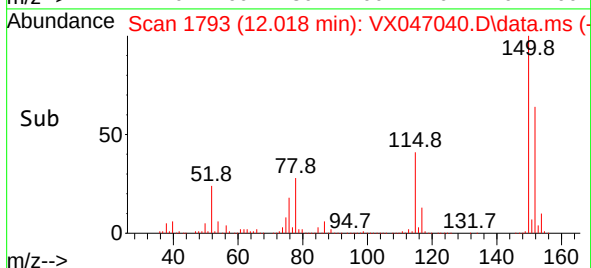
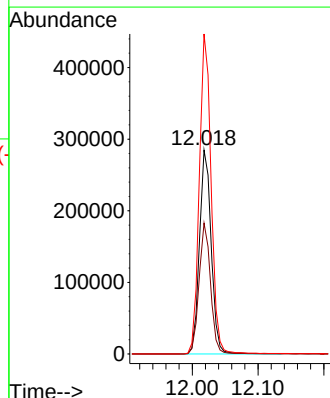
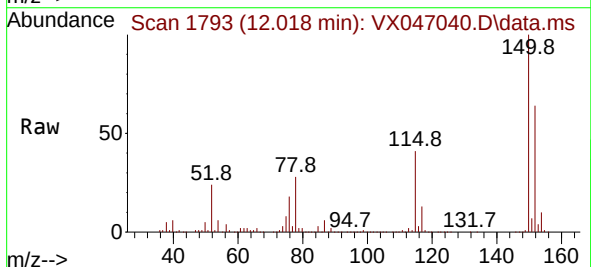
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

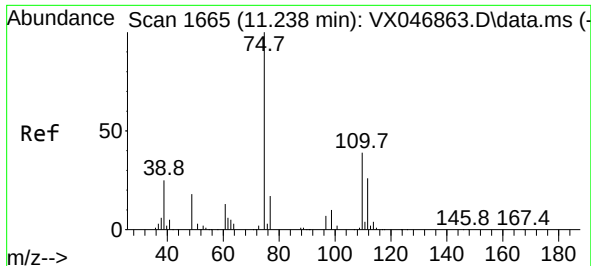
Tgt Ion:117 Resp: 741516
Ion Ratio Lower Upper
117 100
82 55.2 43.3 64.9
119 31.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Tgt Ion:152 Resp: 354639
Ion Ratio Lower Upper
152 100
115 62.7 42.4 127.1
150 157.2 0.0 349.2

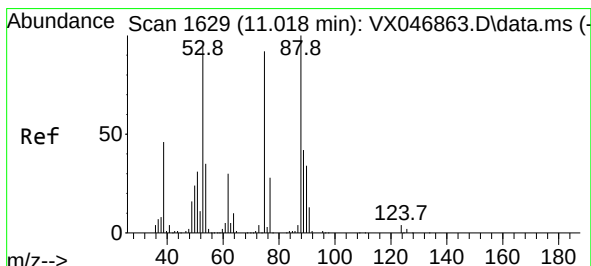
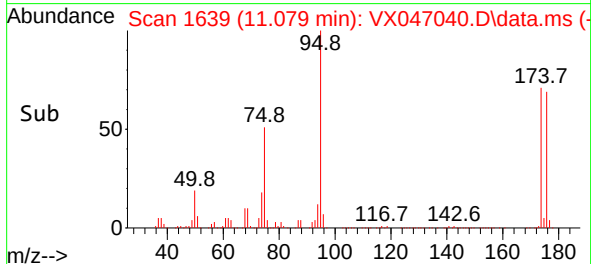
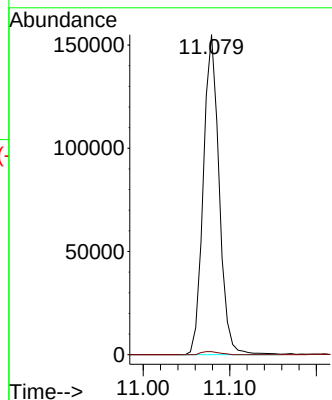
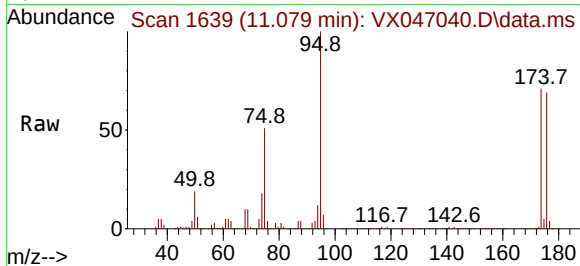




#76
1,2,3-Trichloropropane
Concen: 35.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

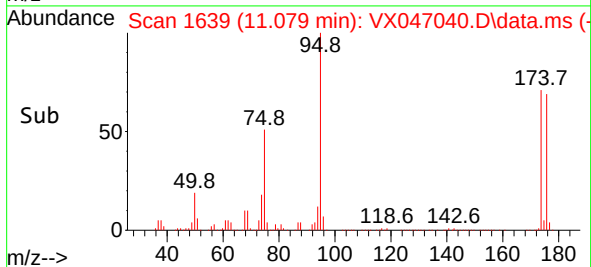
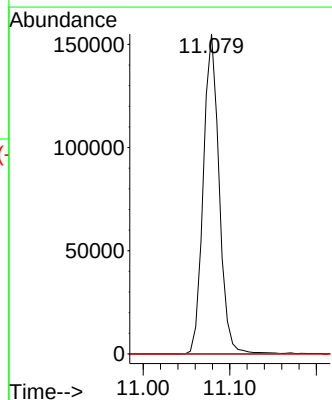
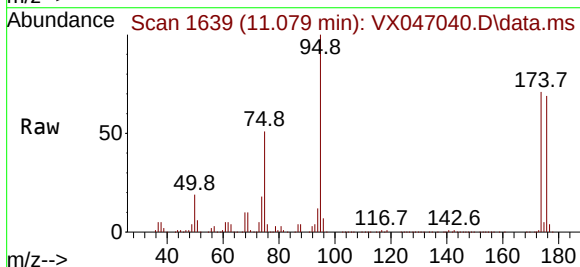
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

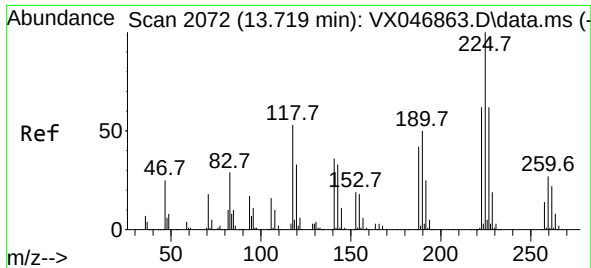
Tgt Ion: 75 Resp: 196682
Ion Ratio Lower Upper
75 100
77 1.1 20.6 61.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.319 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

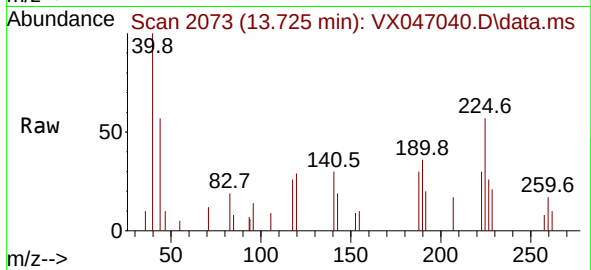
Tgt Ion: 75 Resp: 196682
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#





#94
 Hexachlorobutadiene
 Concen: 0.264 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.006 min
 Lab File: VX047040.D
 Acq: 18 Jul 2025 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBL01



Tgt Ion:	225	Resp:	761
Ion	Ratio	Lower	Upper
225	100		
223	57.0	31.6	94.7
227	60.7	31.6	94.7

