

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044842.D
 Acq On : 05 Feb 2025 14:40
 Operator : JC/MD
 Sample : Q1268-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 04:39:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

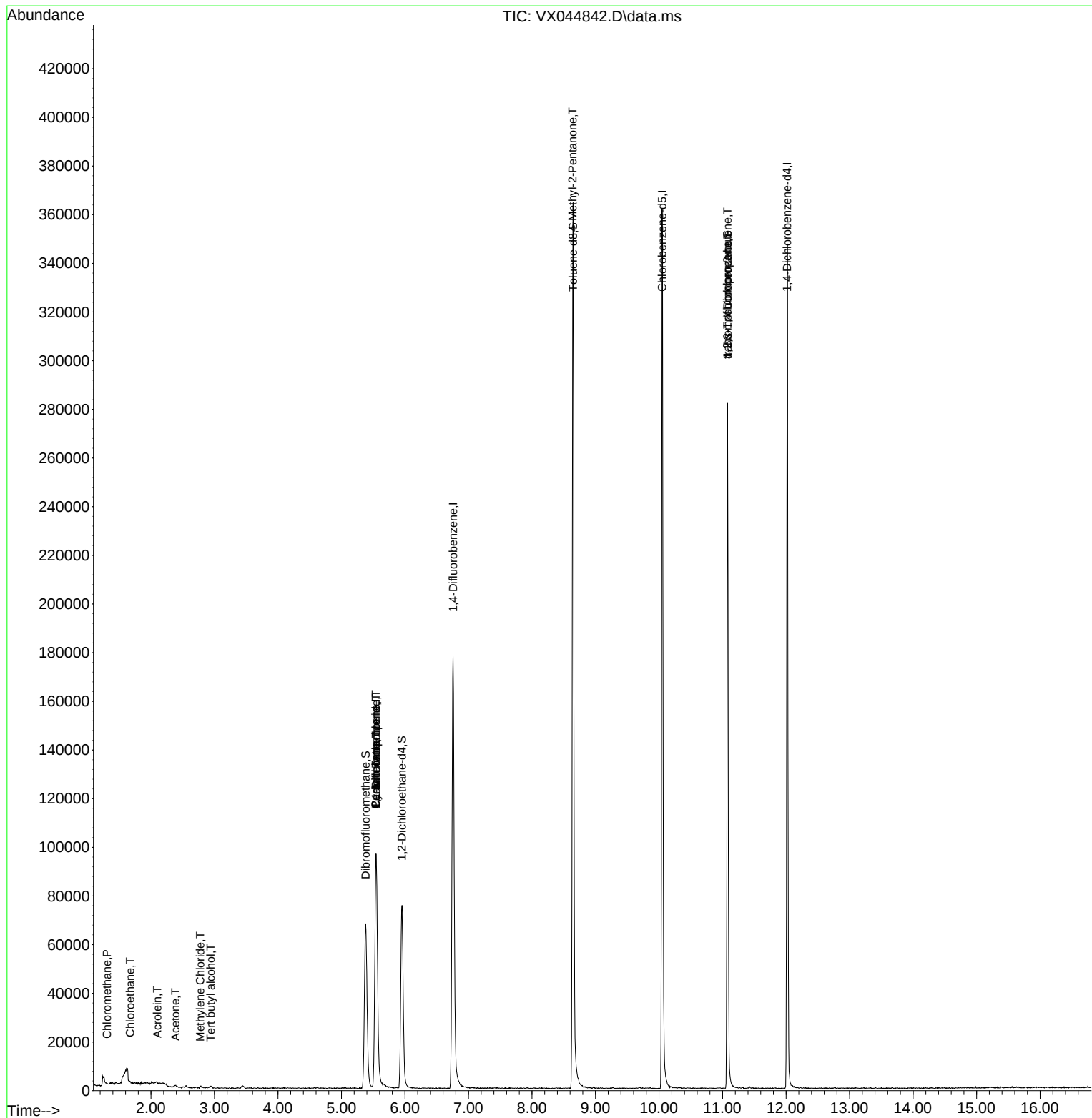
Internal Standards						
1) Pentafluorobenzene	5.544	168	97156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	190573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	169809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69558	47.431	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.860%			
35) Dibromofluoromethane	5.379	113	61570	50.856	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.647	98	230475	54.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.200%			
62) 4-Bromofluorobenzene	11.079	95	76921	48.879	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.760%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	592	0.419	ug/l #	67
6) Chloroethane	1.672	64	216	0.843	ug/l #	41
11) Tert butyl alcohol	2.940	59	364	1.113	ug/l #	85
13) Acrolein	2.099	56	74	0.481	ug/l #	1
16) Acetone	2.386	43	983	1.694	ug/l #	87
20) Methylene Chloride	2.776	84	379	0.280	ug/l #	80
31) Cyclohexane	5.544	56	2244	1.215	ug/l #	26
36) 1,1-Dichloropropene	5.544	75	8081	4.795	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9607	5.068	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1120	0.614	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39623	24.160	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	39623	55.251	ug/l #	12

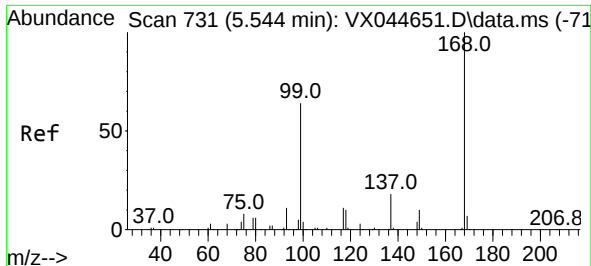
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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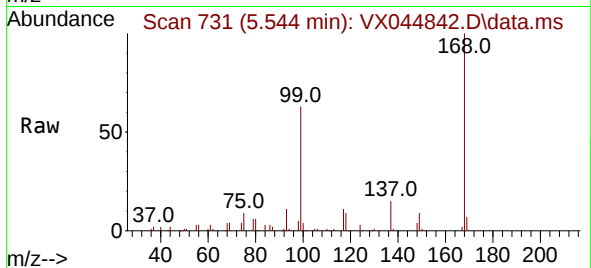
Quant Time: Feb 06 04:39:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



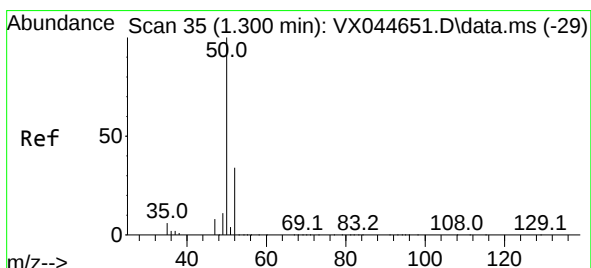
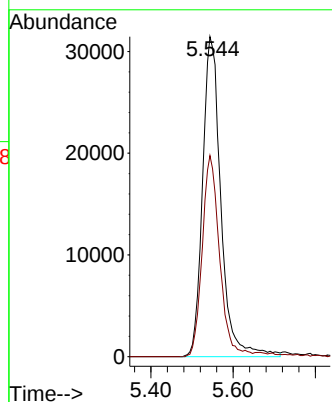
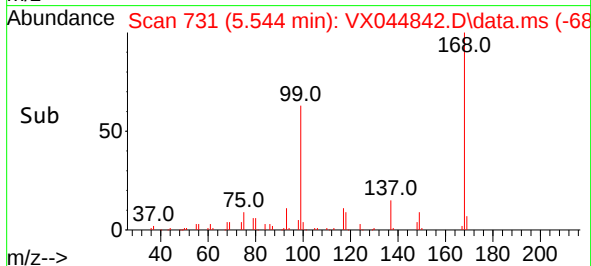


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :

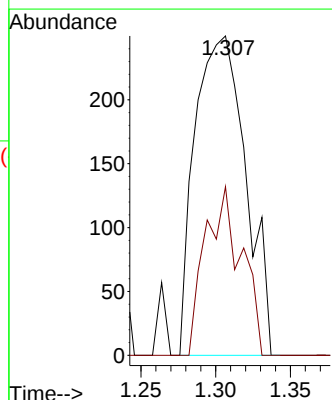
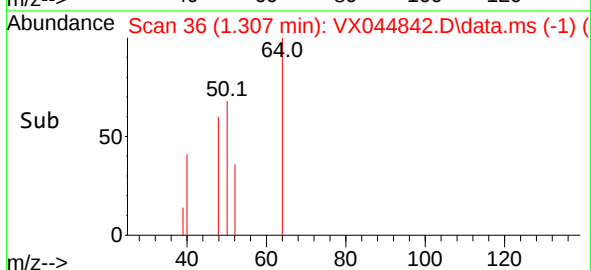
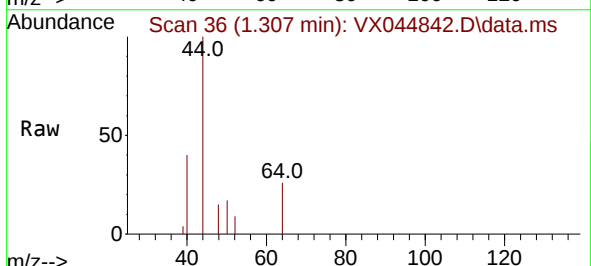


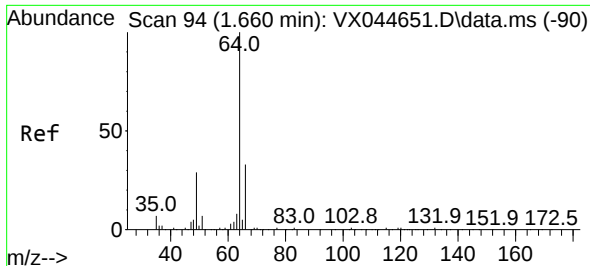
Tgt Ion:168 Resp: 97156
Ion Ratio Lower Upper
168 100
99 62.8 51.1 76.7



#3
Chloromethane
Concen: 0.419 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion: 50 Resp: 592
Ion Ratio Lower Upper
50 100
52 52.8 27.0 40.4#

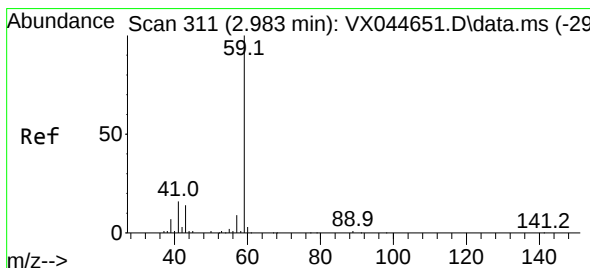
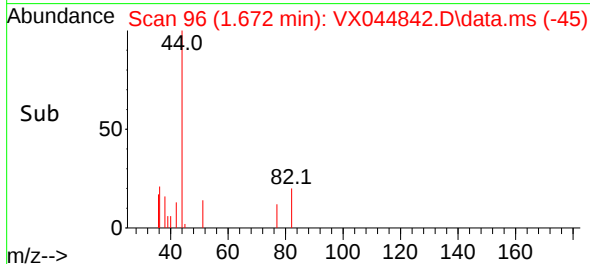
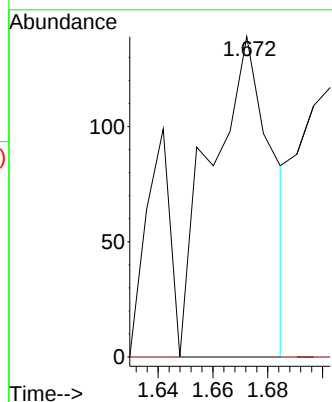
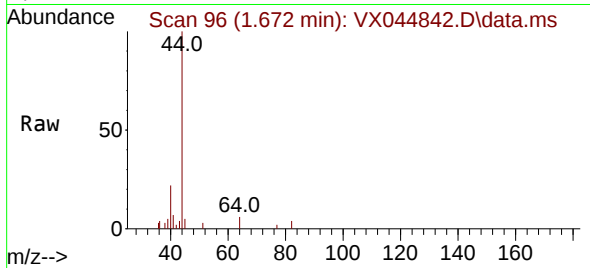




#6
Chloroethane
Concen: 0.843 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

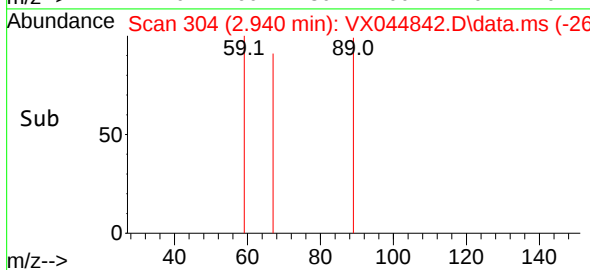
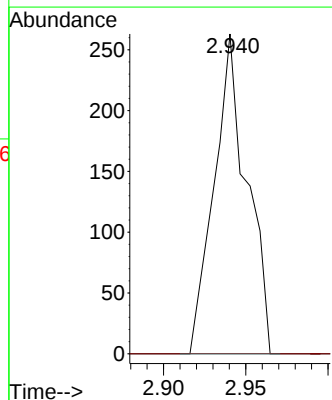
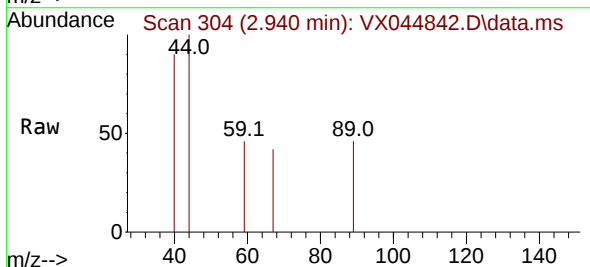
Instrument :
MSVOA_X
ClientSampleId :

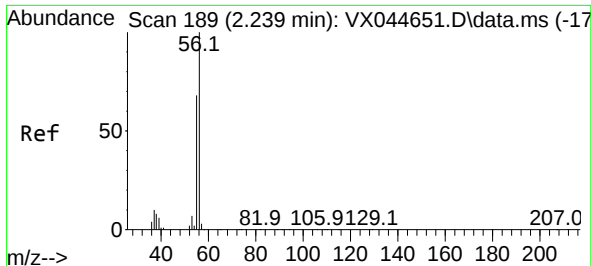
Tgt Ion: 64 Resp: 216
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 1.113 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion: 59 Resp: 364
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#

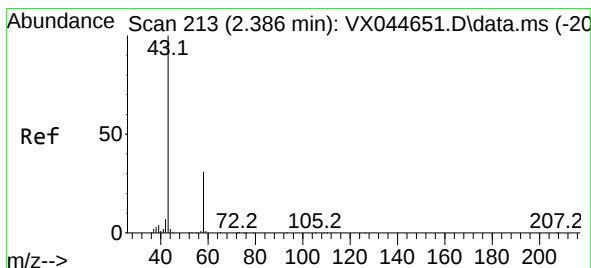
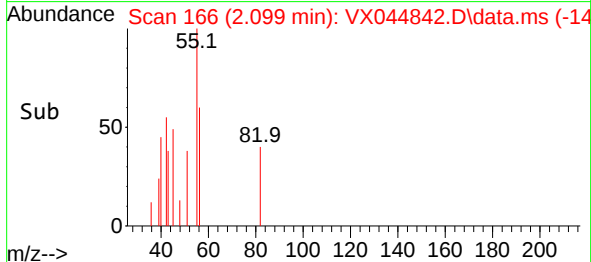
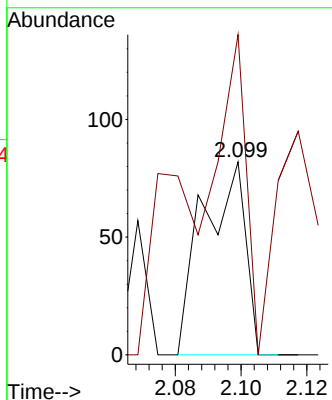
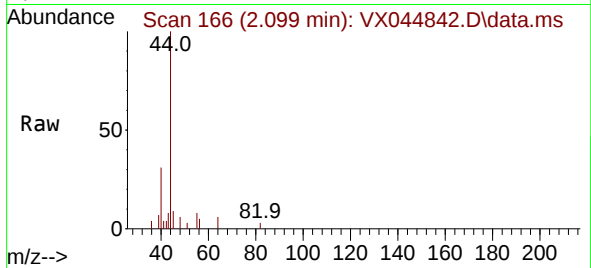




#13
Acrolein
Concen: 0.481 ug/l
RT: 2.099 min Scan# 11
Delta R.T. -0.140 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

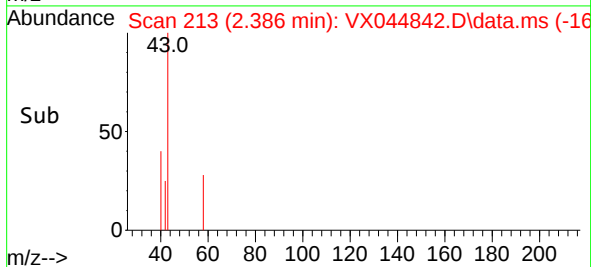
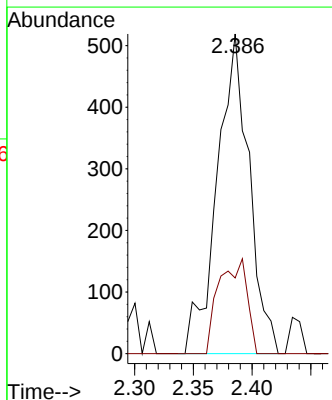
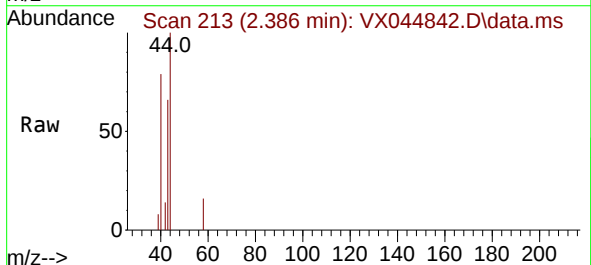
Instrument :
MSVOA_X
ClientSampleId :

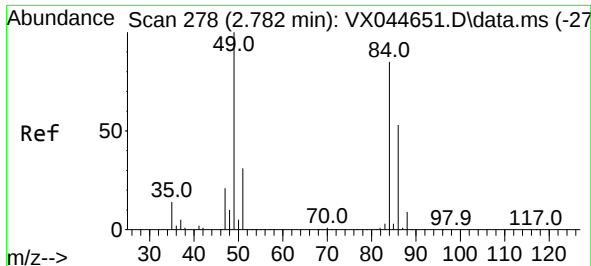
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 208.1 55.1 82.7#



#16
Acetone
Concen: 1.694 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

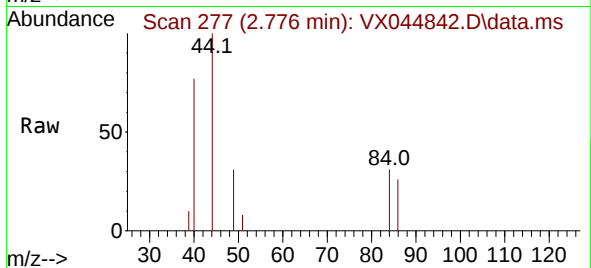
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 23.7 24.6 37.0#



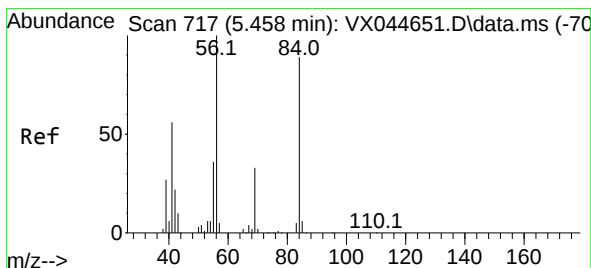
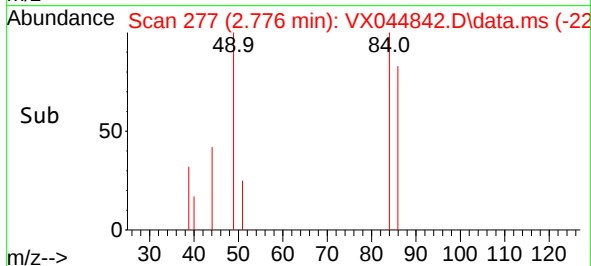
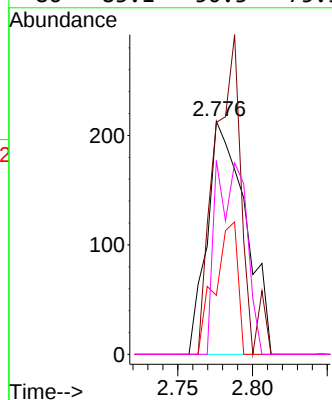


#20
Methylene Chloride
Concen: 0.280 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :

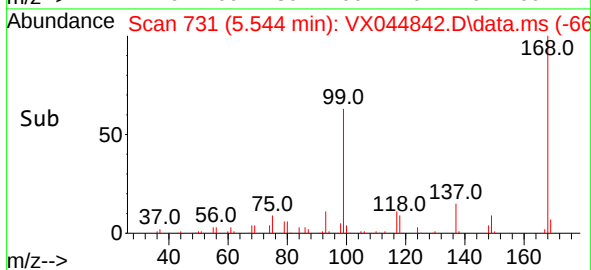
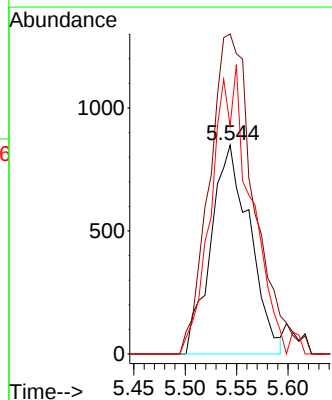
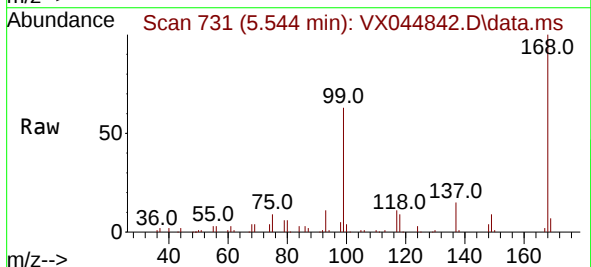


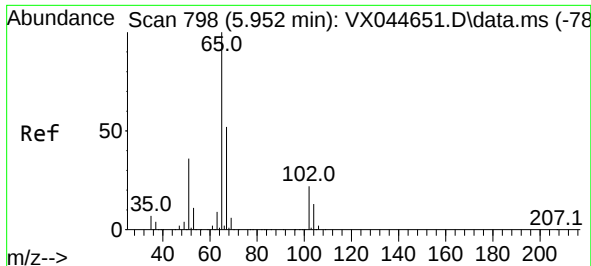
Tgt Ion:	84	Resp:	379
Ion	Ratio	Lower	Upper
84	100		
49	99.5	94.2	141.4
51	25.4	28.8	43.2#
86	83.1	50.3	75.5#



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion:	56	Resp:	2244
Ion	Ratio	Lower	Upper
56	100		
69	153.2	26.8	40.2#
84	109.2	71.0	106.4#

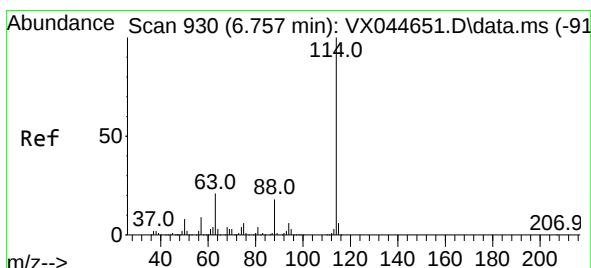
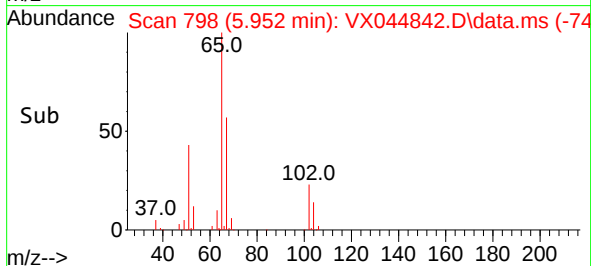
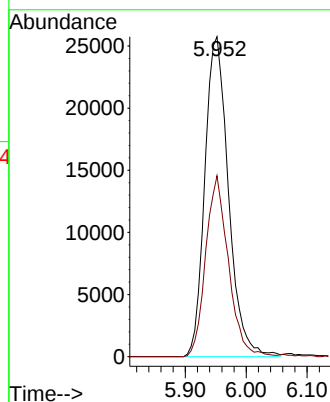
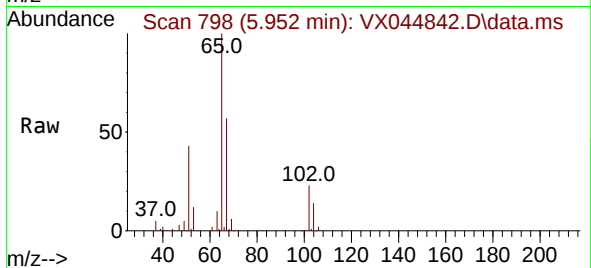




#33
 1,2-Dichloroethane-d4
 Concen: 47.431 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX044842.D
 Acq: 05 Feb 2025 14:40

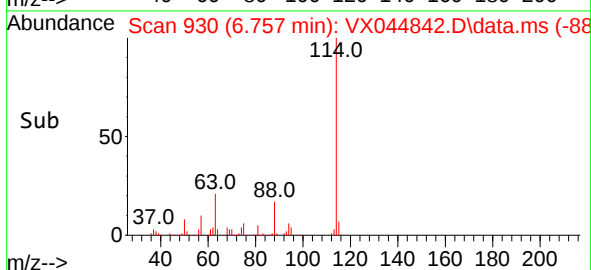
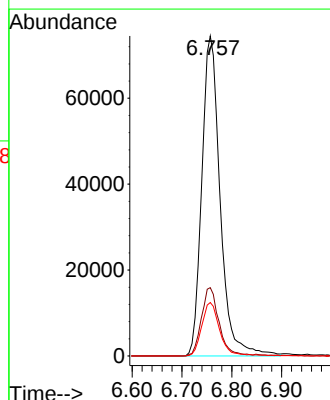
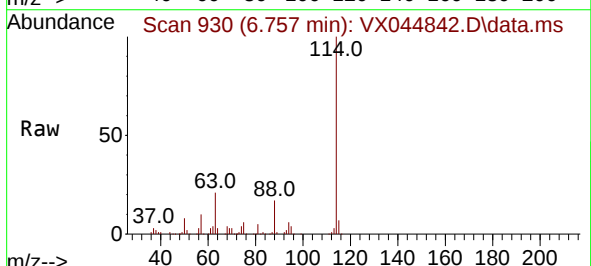
Instrument :
 MSVOA_X
 ClientSampleId :

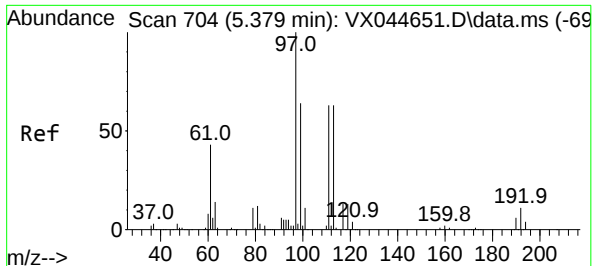
Tgt Ion: 65 Resp: 69558
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044842.D
 Acq: 05 Feb 2025 14:40

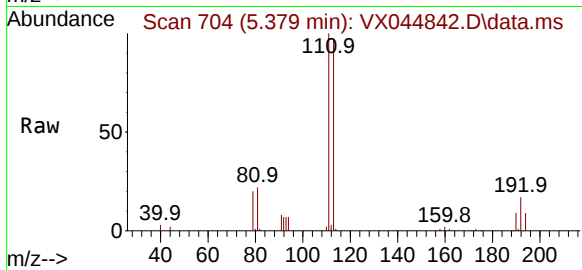
Tgt Ion: 114 Resp: 190573
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 16.7 0.0 35.4



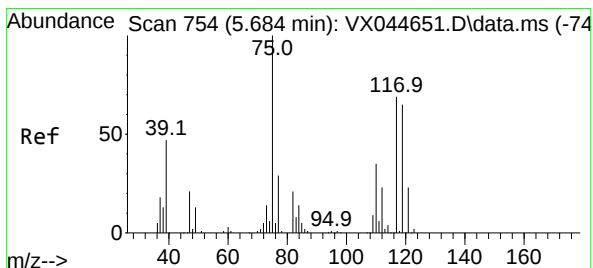
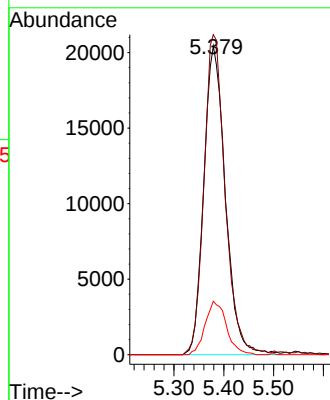
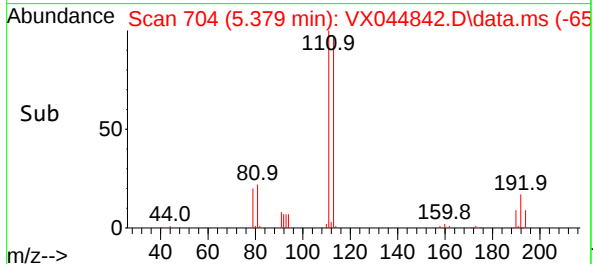


#35
Dibromofluoromethane
Concen: 50.856 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :

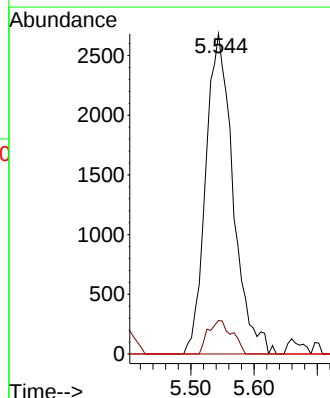
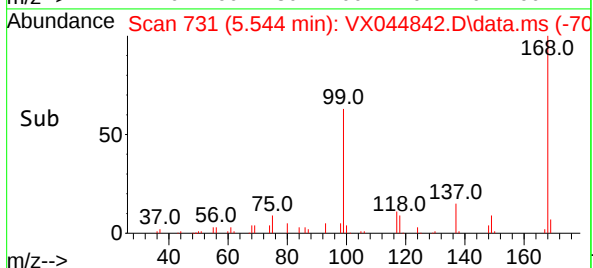
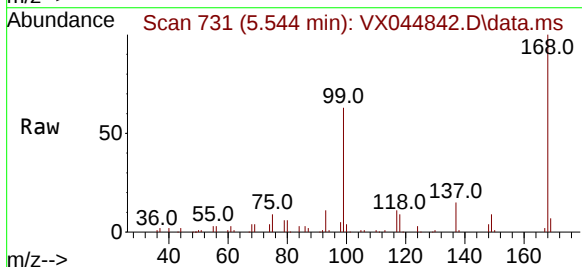


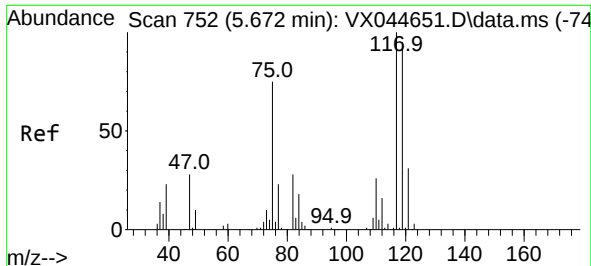
Tgt Ion:113 Resp: 61570
Ion Ratio Lower Upper
113 100
111 101.2 81.6 122.4
192 17.0 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

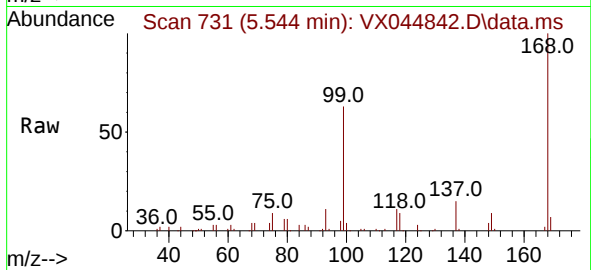
Tgt Ion: 75 Resp: 8081
Ion Ratio Lower Upper
75 100
110 9.2 17.9 53.8#
77 0.0 24.5 36.7#



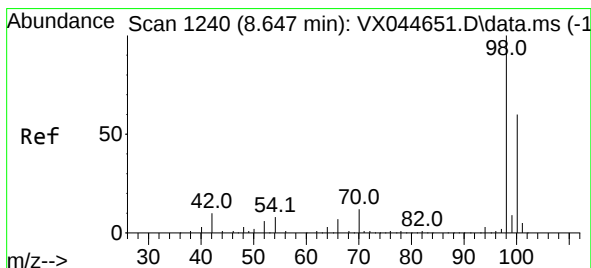
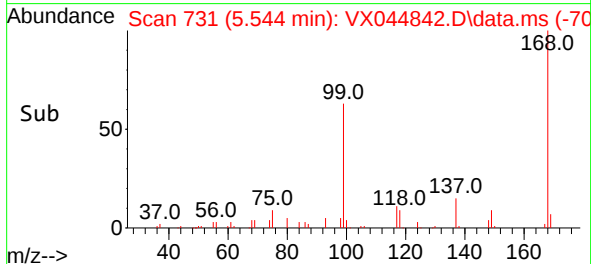
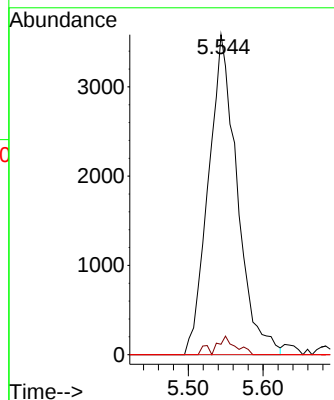


#38
Carbon Tetrachloride
Concen: 5.068 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :

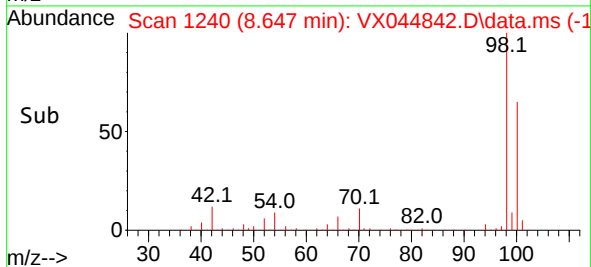
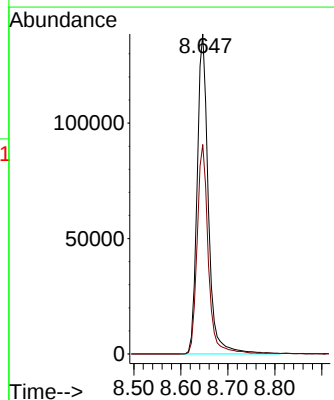
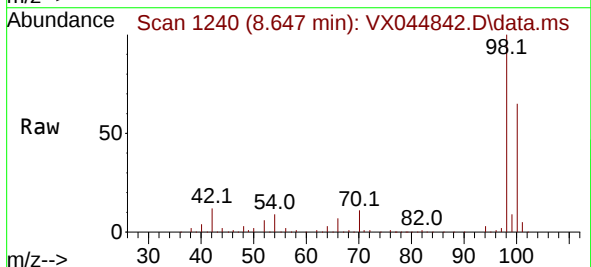


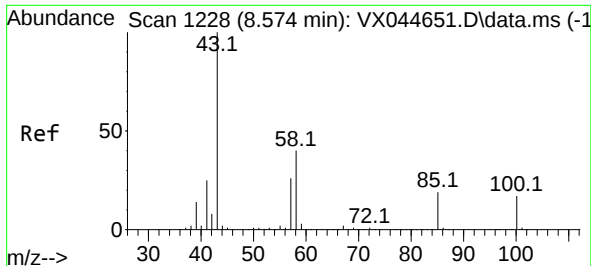
Tgt Ion:117 Resp: 9607
Ion Ratio Lower Upper
117 100
119 3.3 76.0 114.0#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 54.597 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion: 98 Resp: 230475
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8

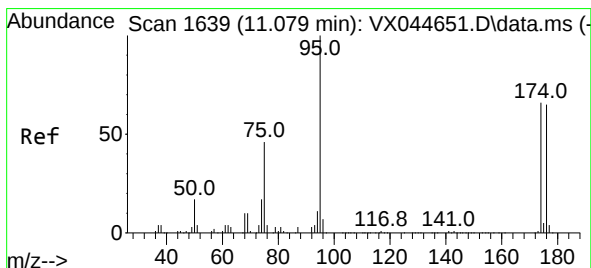
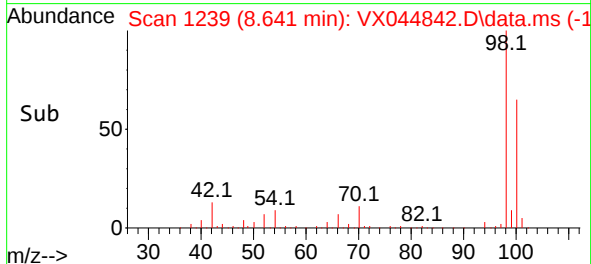
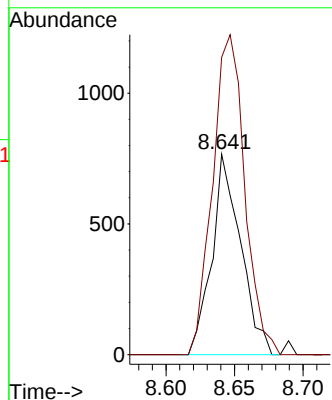
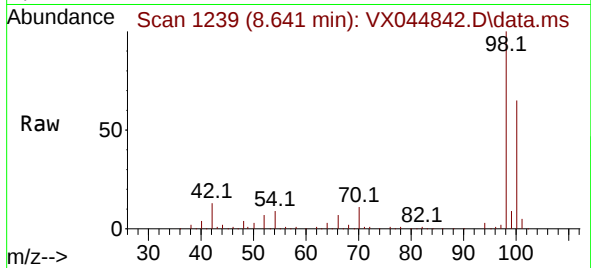




#51
4-Methyl-2-Pentanone
Concen: 0.614 ug/l
RT: 8.641 min Scan# 1120
Delta R.T. 0.067 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

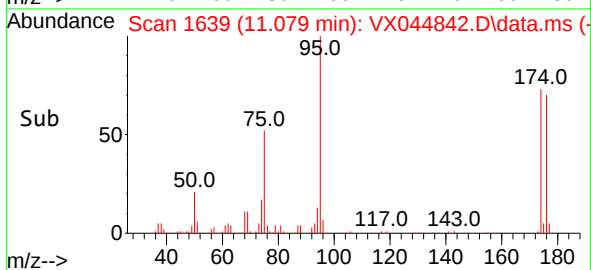
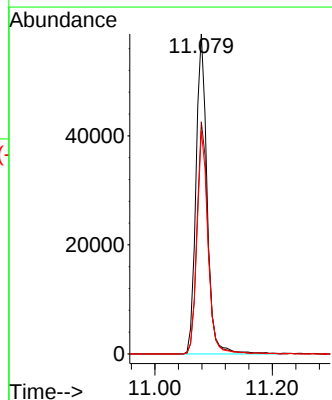
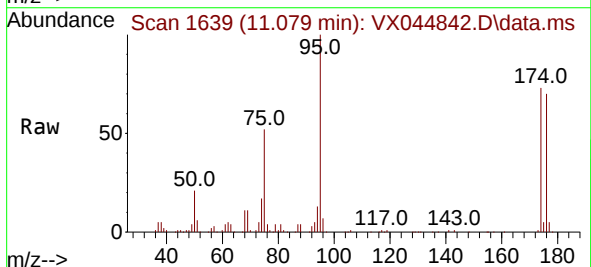
Instrument :
MSVOA_X
ClientSampleId :

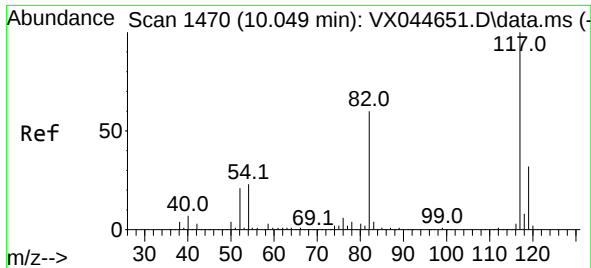
Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
58 178.8 31.9 47.9#



#62
4-Bromofluorobenzene
Concen: 48.879 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion: 95 Resp: 76921
Ion Ratio Lower Upper
95 100
174 72.6 0.0 133.0
176 68.8 0.0 129.4

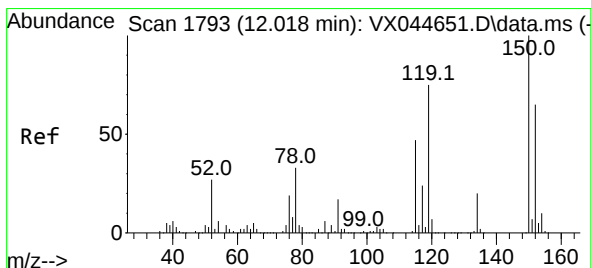
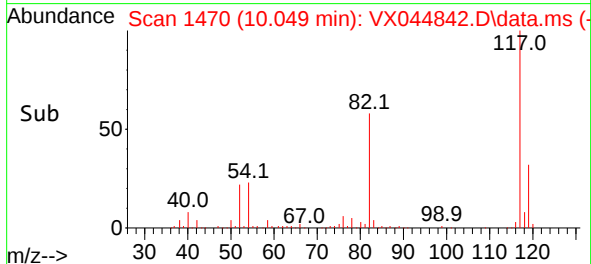
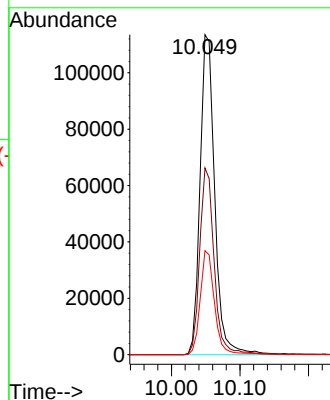
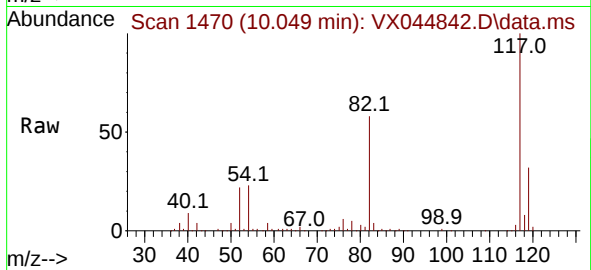




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

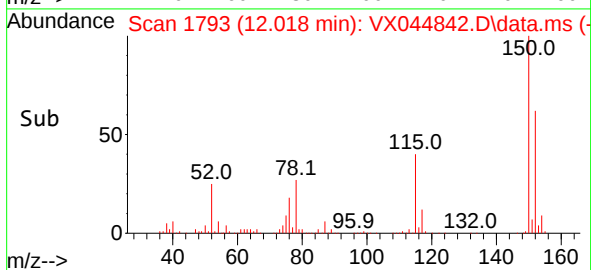
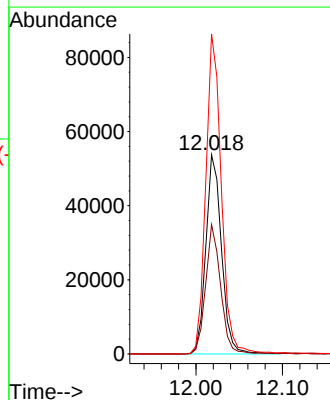
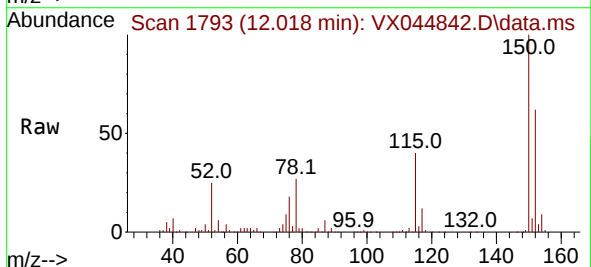
Instrument :
MSVOA_X
ClientSampleId :

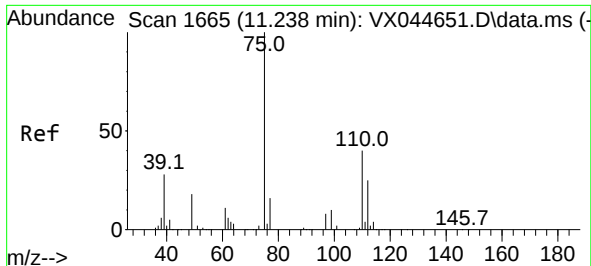
Tgt Ion:117 Resp: 169809
Ion Ratio Lower Upper
117 100
82 58.3 47.6 71.4
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion:152 Resp: 67577
Ion Ratio Lower Upper
152 100
115 62.3 43.8 131.4
150 160.1 0.0 347.8

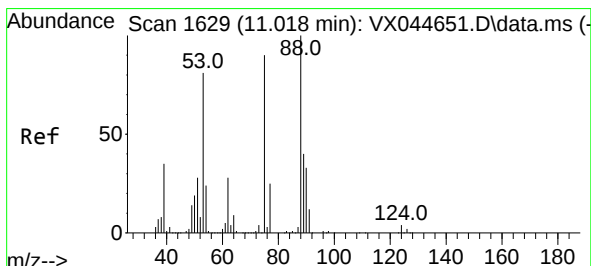
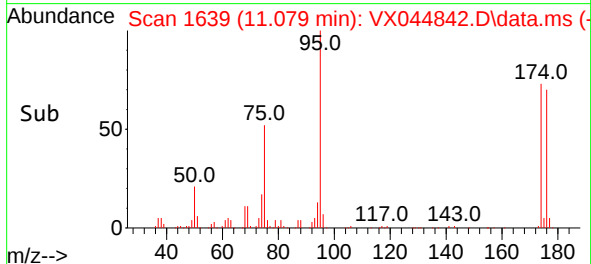
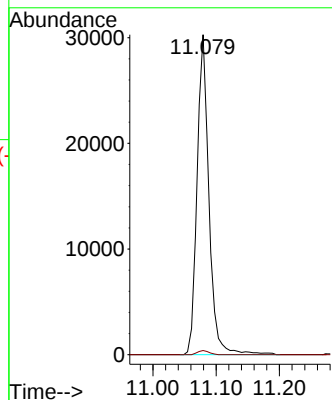
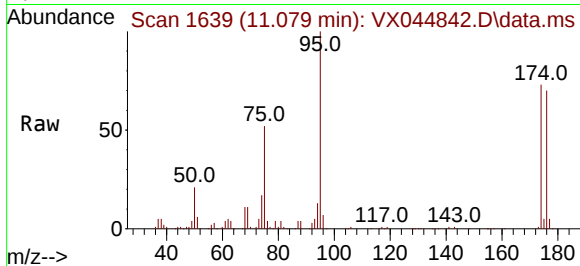




#76
1,2,3-Trichloropropane
Concen: 24.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 39623
Ion Ratio Lower Upper
75 100
77 1.3 23.4 70.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion: 75 Resp: 39623
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.1 37.4 56.0#

