

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044445.D
 Acq On : 20 Dec 2024 12:26
 Operator : JC/MD
 Sample : P5314-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 14:08:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

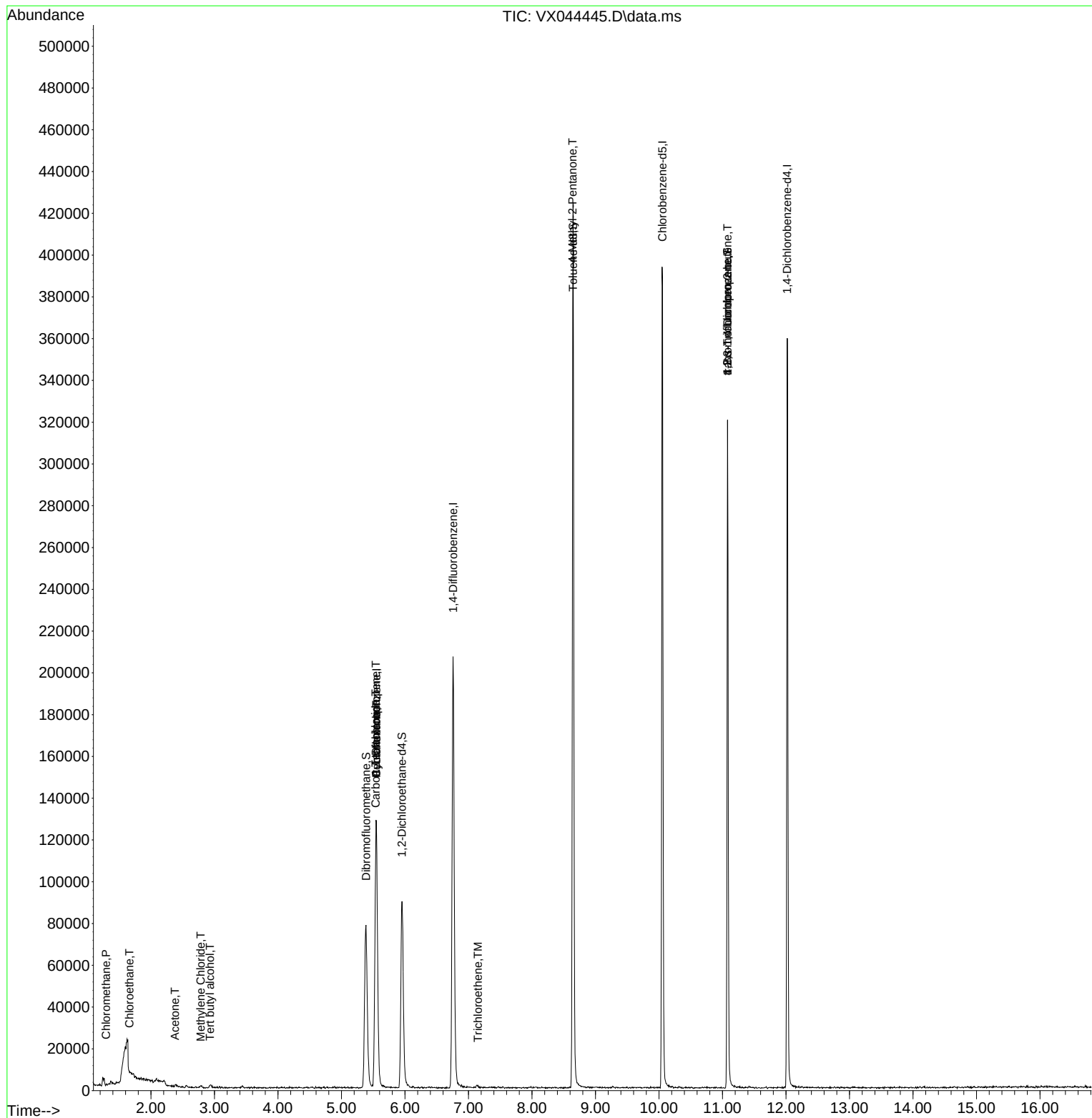
Internal Standards						
1) Pentafluorobenzene	5.550	168	117644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88659	42.982	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.960%		
35) Dibromofluoromethane	5.385	113	66732	46.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.380%		
50) Toluene-d8	8.647	98	246144	50.504	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.000%		
62) 4-Bromofluorobenzene	11.079	95	80161	47.070	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.140%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	359	0.206	ug/l #	76
6) Chloroethane	1.660	64	238	0.211	ug/l #	41
11) Tert butyl alcohol	2.928	59	235	0.808	ug/l #	71
16) Acetone	2.380	43	961	1.143	ug/l #	82
20) Methylene Chloride	2.782	84	390	0.247	ug/l	91
31) Cyclohexane	5.550	56	2879	1.293	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	9657	5.171	ug/l #	51
38) Carbon Tetrachloride	5.538	117	12558	6.246	ug/l #	16
44) Trichloroethene	7.147	130	384	0.272	ug/l	18
51) 4-Methyl-2-Pentanone	8.641	43	1411	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43234	26.929	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	43234	74.135	ug/l #	4

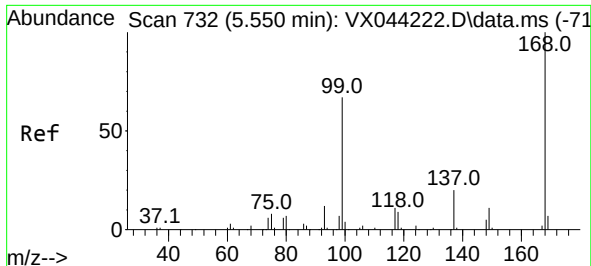
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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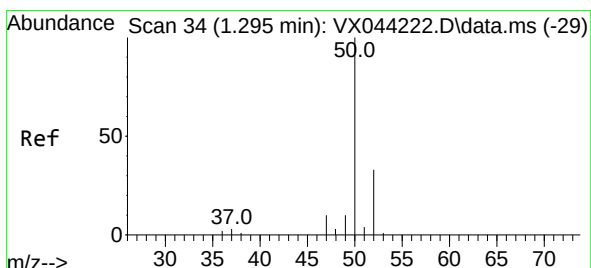
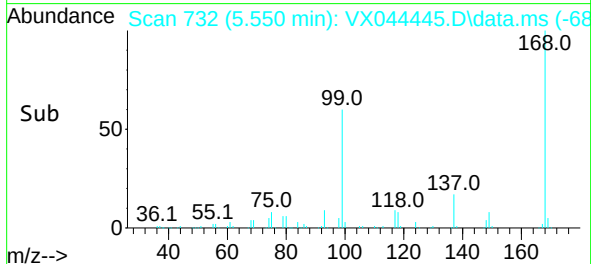
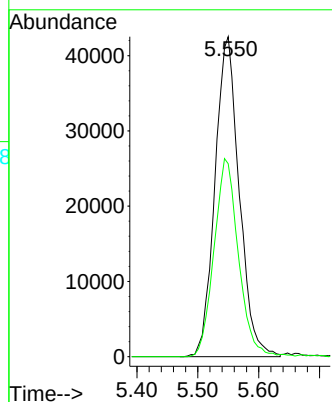
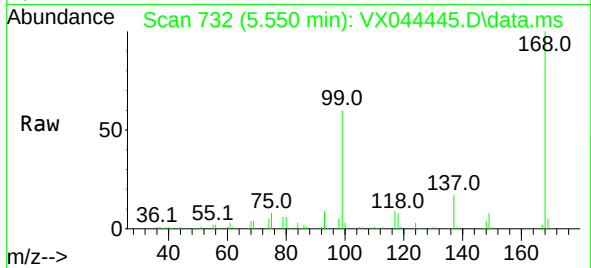




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

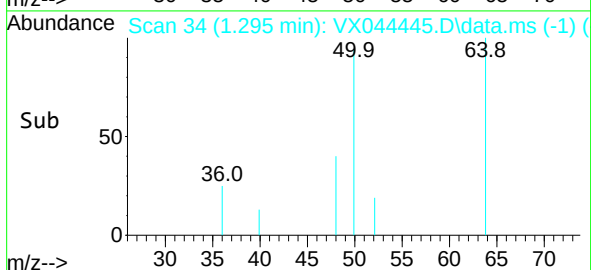
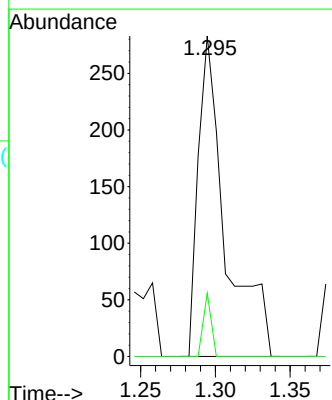
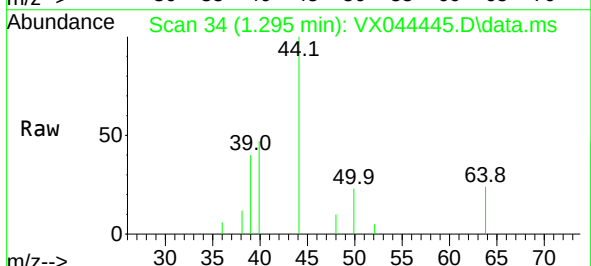
Instrument :
MSVOA_X
ClientSampleId :

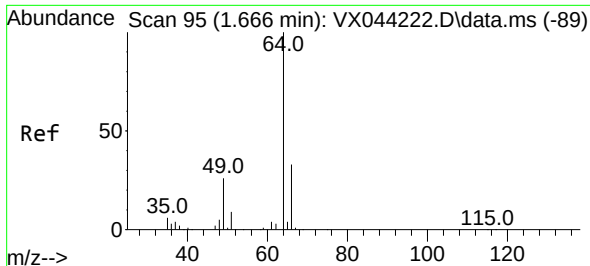
Tgt Ion:168 Resp: 117644
Ion Ratio Lower Upper
168 100
99 60.3 53.4 80.0



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 19.8 26.5 39.7#

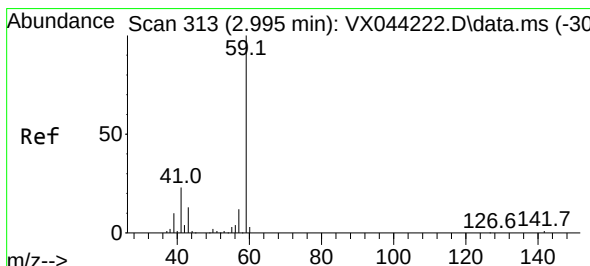
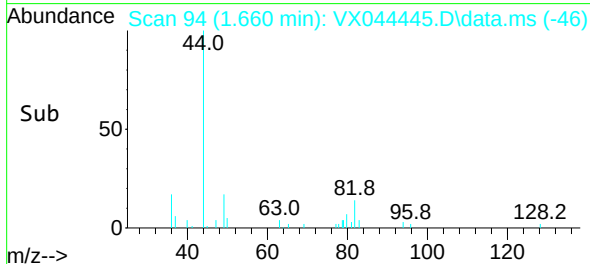
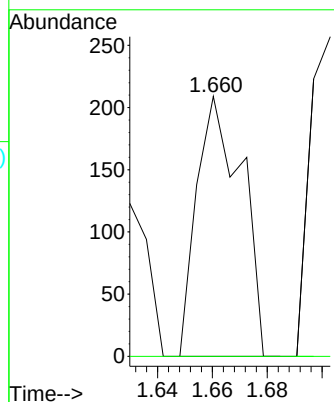
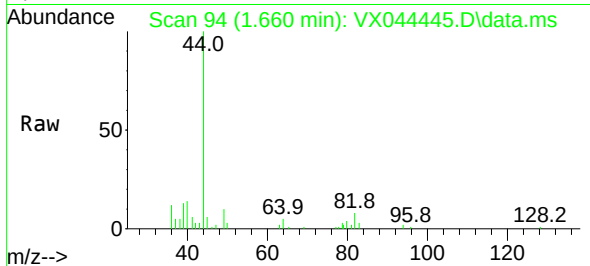




#6
Chloroethane
Concen: 0.211 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

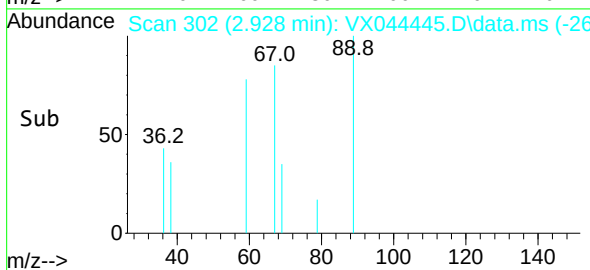
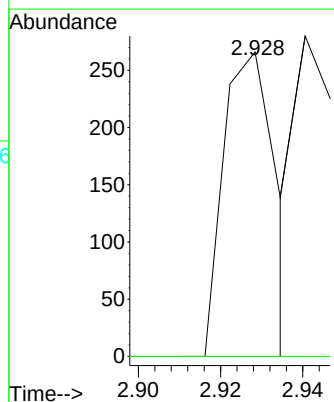
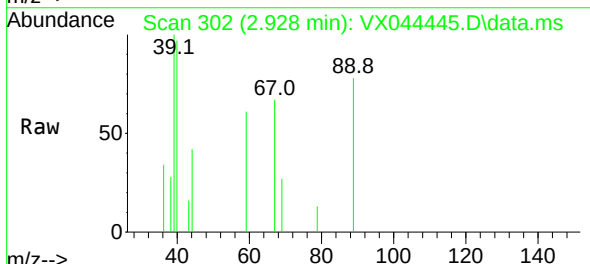
Instrument :
MSVOA_X
ClientSampleId :

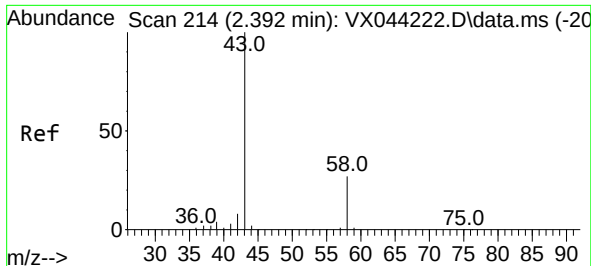
Tgt Ion: 64 Resp: 238
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 0.808 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.067 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Tgt Ion: 59 Resp: 235
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

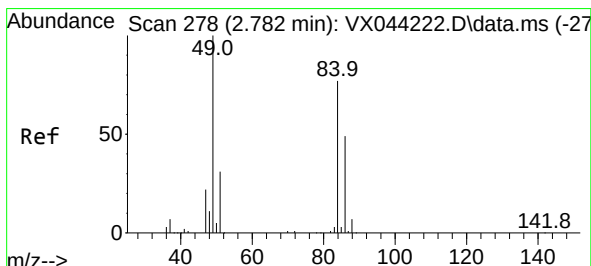
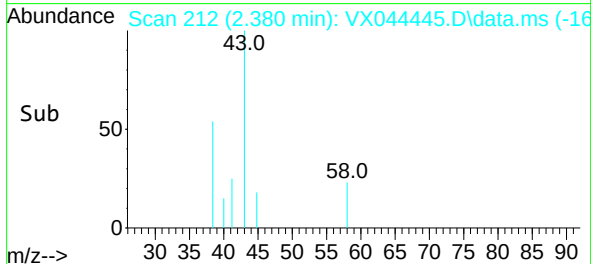
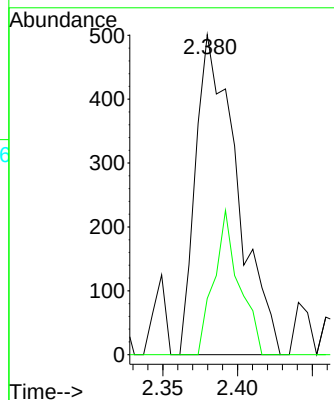
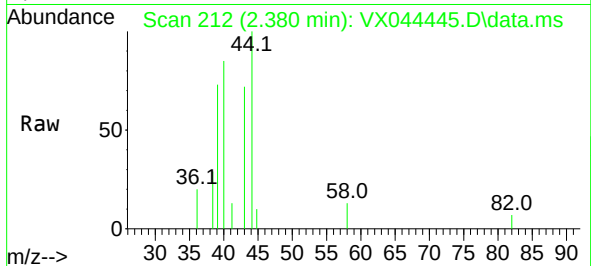




#16
Acetone
Concen: 1.143 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

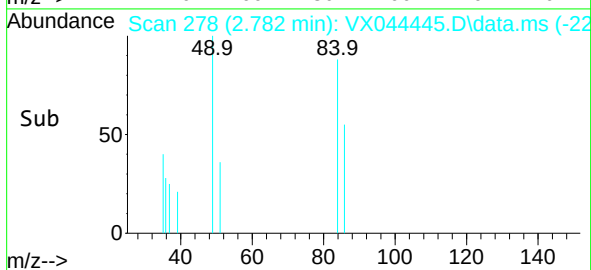
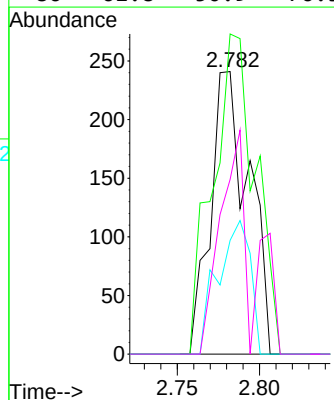
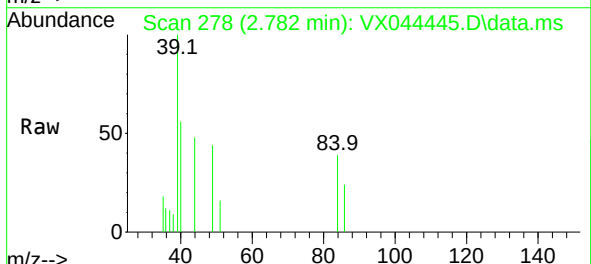
Instrument :
MSVOA_X
ClientSampleId :

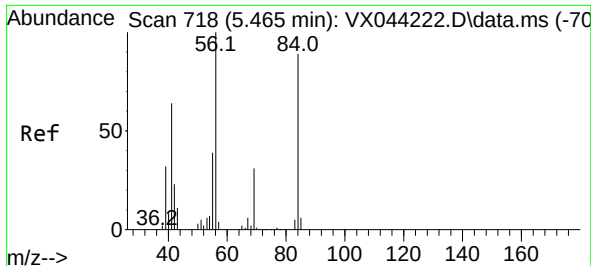
Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 17.6 21.6 32.4#



#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

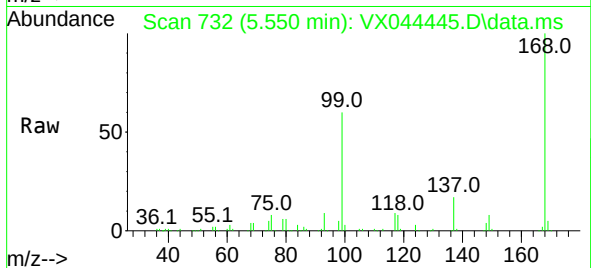
Tgt Ion: 84 Resp: 390
Ion Ratio Lower Upper
84 100
49 113.3 104.2 156.4
51 40.2 32.2 48.4
86 61.8 50.9 76.3



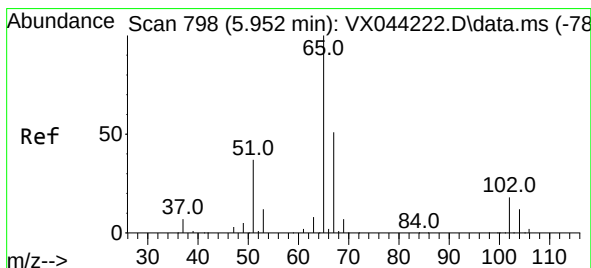
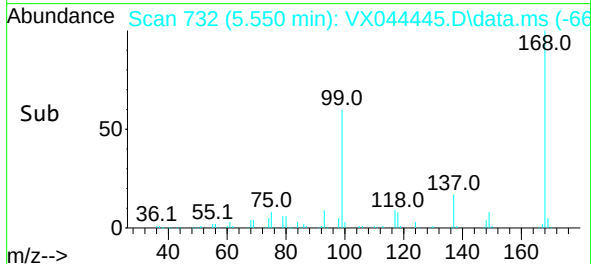
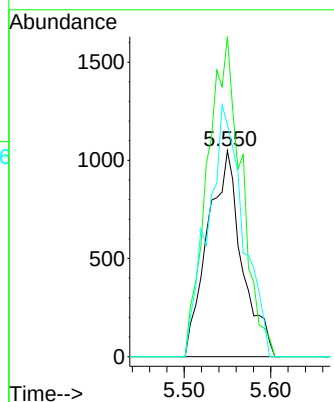


#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :

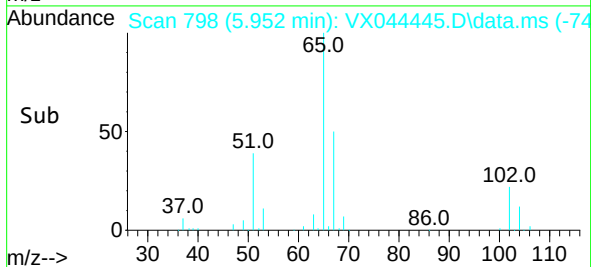
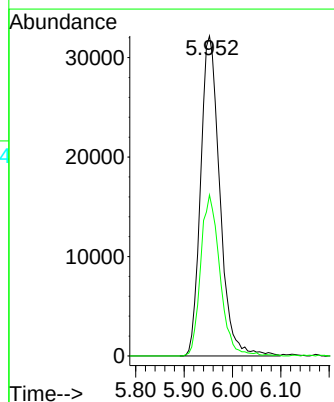
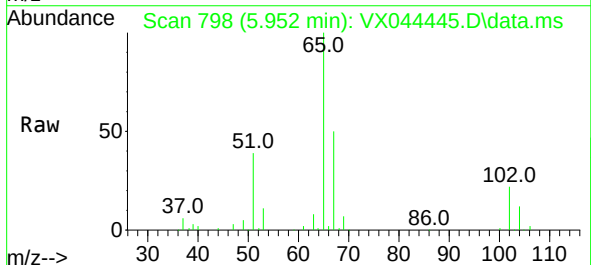


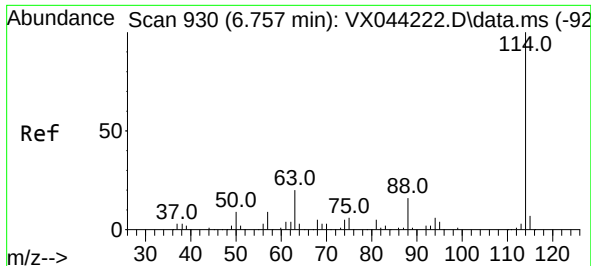
Tgt Ion: 56 Resp: 2879
Ion Ratio Lower Upper
56 100
69 155.4 24.7 37.1#
84 112.7 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 42.982 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Tgt Ion: 65 Resp: 88659
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.6

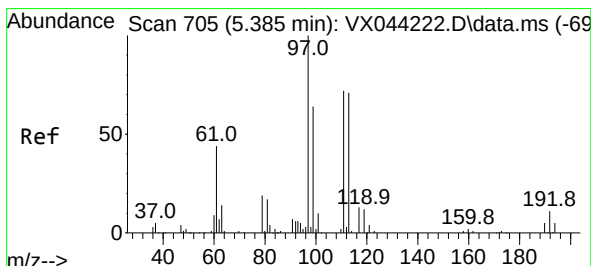
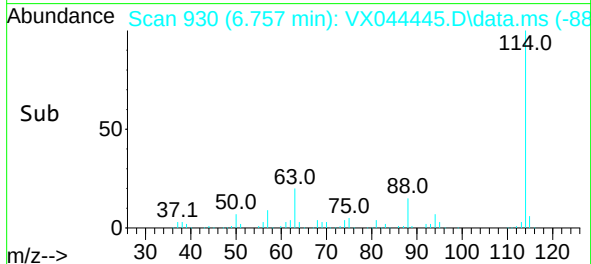
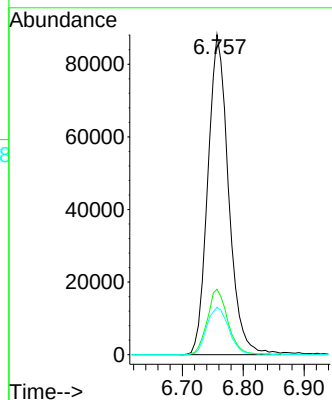
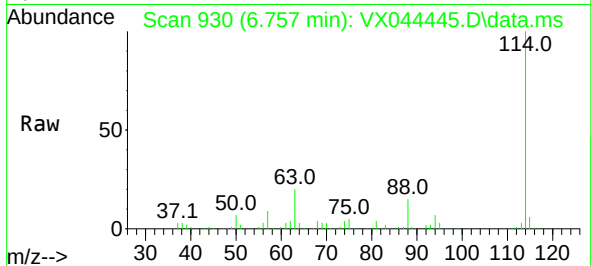




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

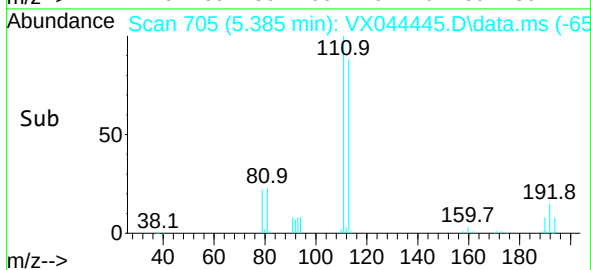
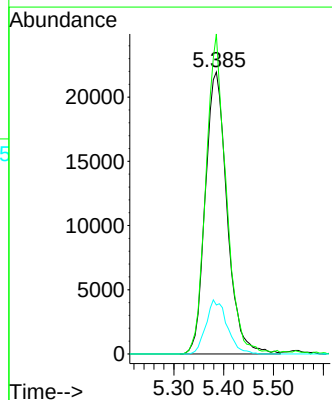
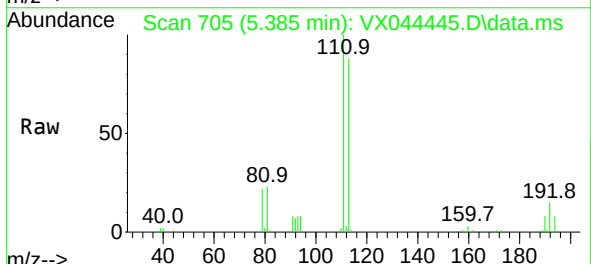
Instrument :
MSVOA_X
ClientSampleId :

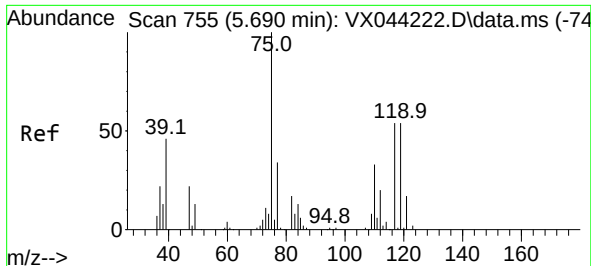
Tgt Ion:114 Resp: 208582
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.6
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.193 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

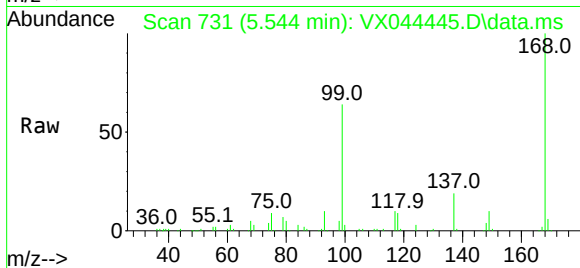
Tgt Ion:113 Resp: 66732
Ion Ratio Lower Upper
113 100
111 104.9 80.4 120.6
192 18.6 13.3 19.9



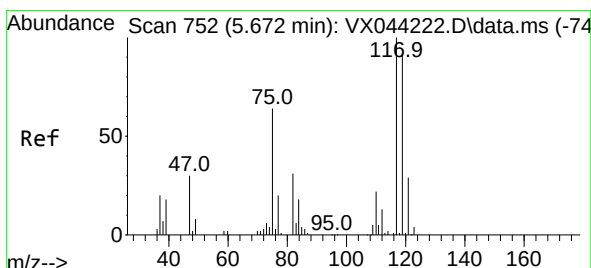
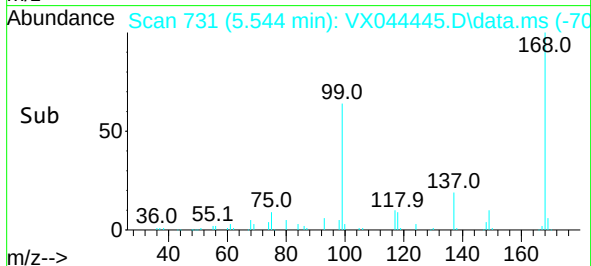
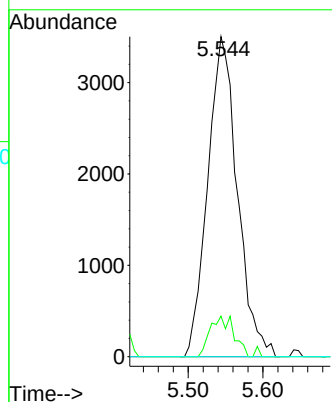


#36
1,1-Dichloropropene
Concen: 5.171 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :

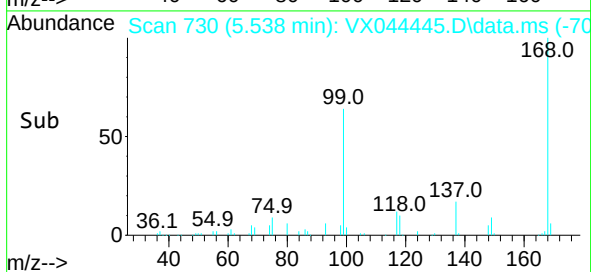
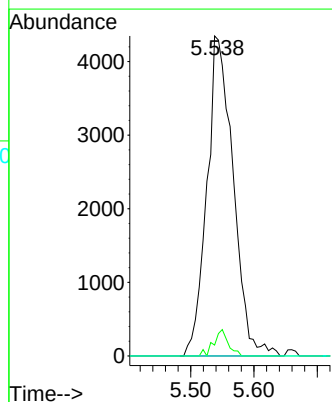
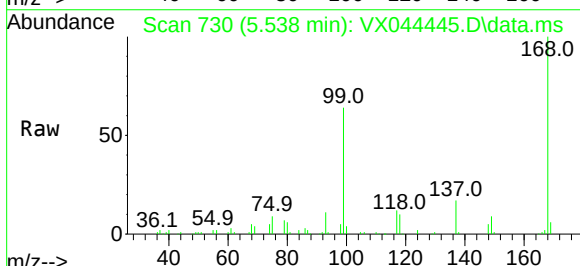


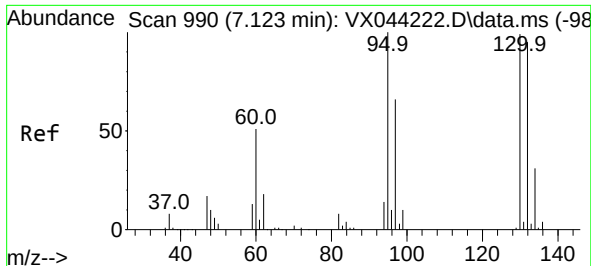
Tgt Ion: 75 Resp: 9657
Ion Ratio Lower Upper
75 100
110 10.2 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.246 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Tgt Ion: 117 Resp: 12558
Ion Ratio Lower Upper
117 100
119 3.4 74.2 111.4#
121 0.0 23.0 34.6#

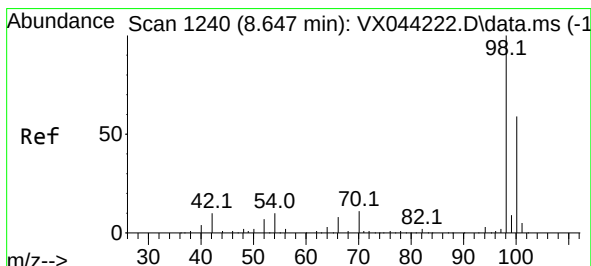
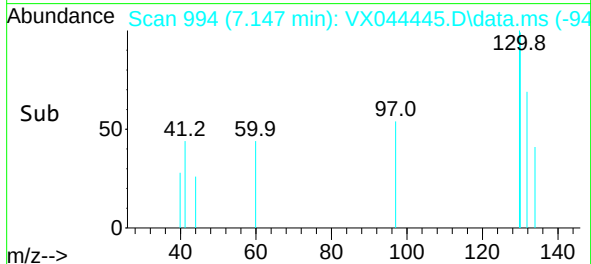
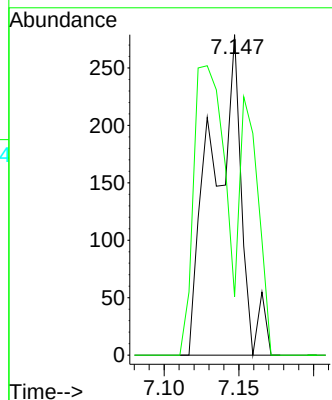
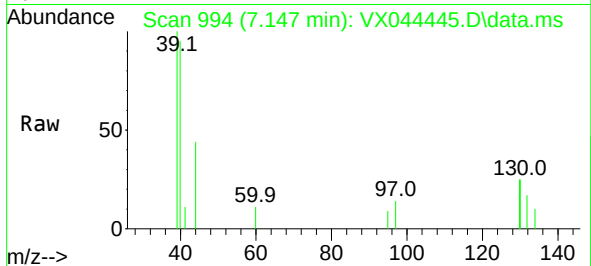




#44
 Trichloroethene
 Concen: 0.272 ug/l
 RT: 7.147 min Scan# 99
 Delta R.T. 0.024 min
 Lab File: VX044445.D
 Acq: 20 Dec 2024 12:26

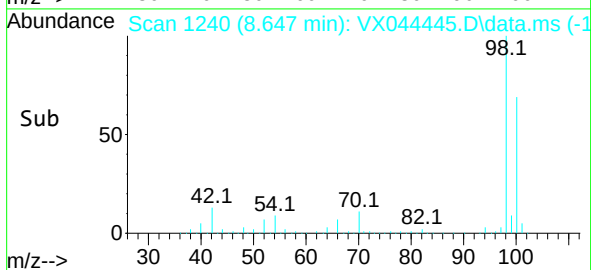
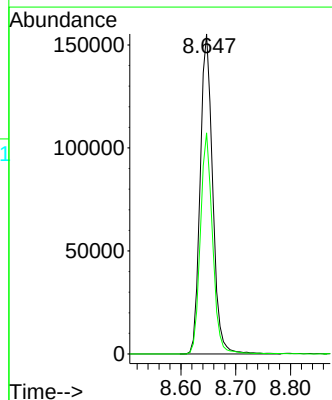
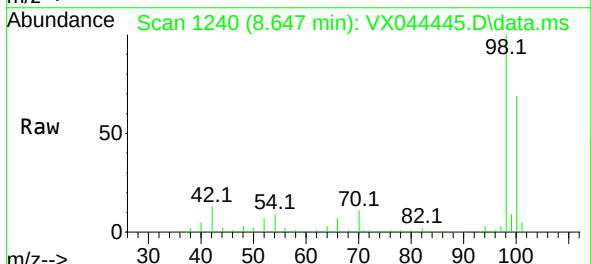
Instrument :
 MSVOA_X
 ClientSampleId :

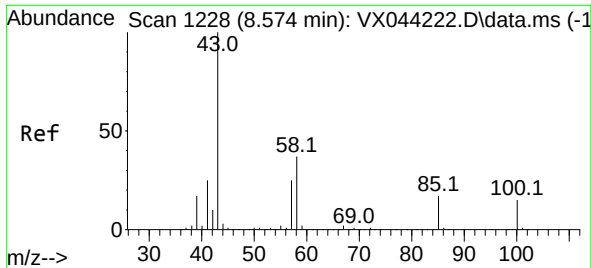
Tgt Ion:130 Resp: 384
 Ion Ratio Lower Upper
 130 100
 95 18.3 0.0 201.4



#50
 Toluene-d8
 Concen: 50.504 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX044445.D
 Acq: 20 Dec 2024 12:26

Tgt Ion: 98 Resp: 246144
 Ion Ratio Lower Upper
 98 100
 100 67.4 51.5 77.3

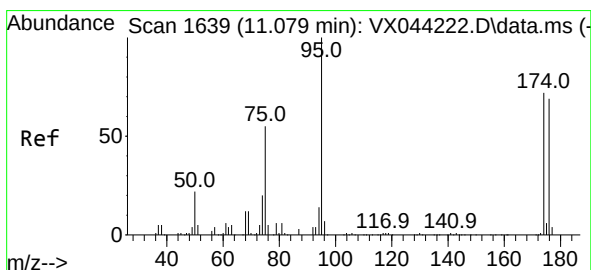
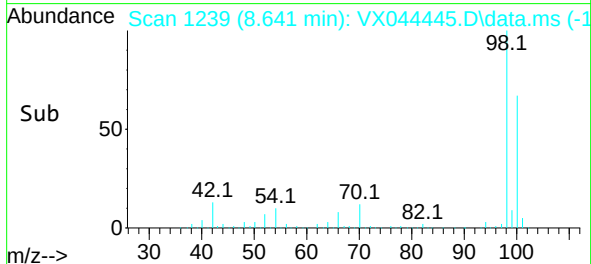
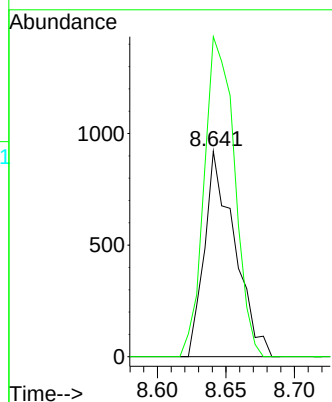
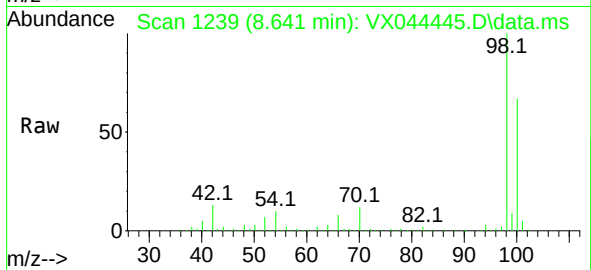




#51
4-Methyl-2-Pentanone
Concen: 0.608 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

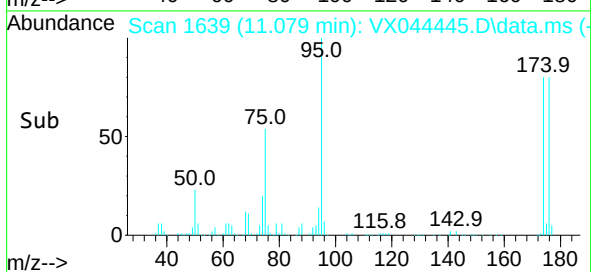
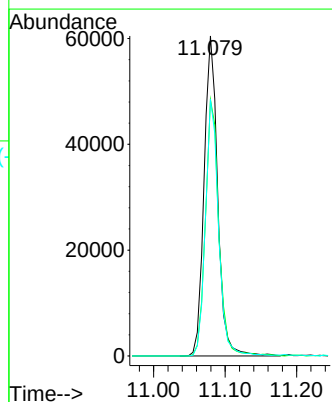
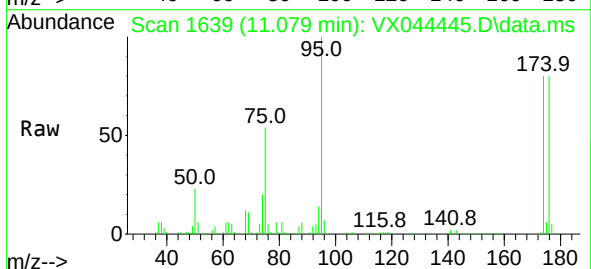
Instrument :
MSVOA_X
ClientSampleId :

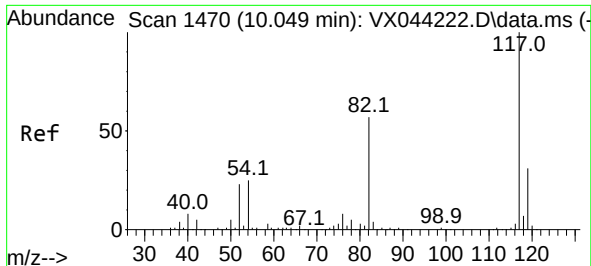
Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
58 156.3 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 47.070 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Tgt Ion: 95 Resp: 80161
Ion Ratio Lower Upper
95 100
174 79.1 0.0 145.8
176 77.2 0.0 137.8

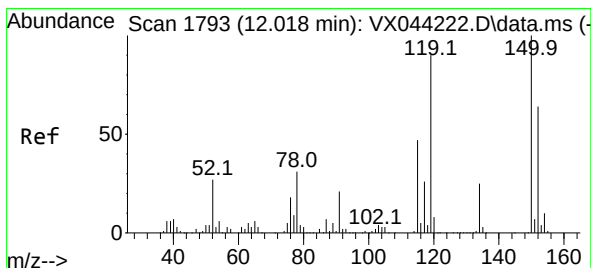
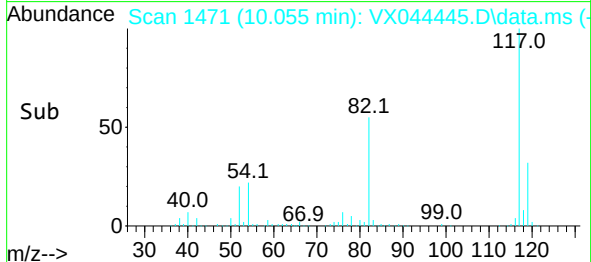
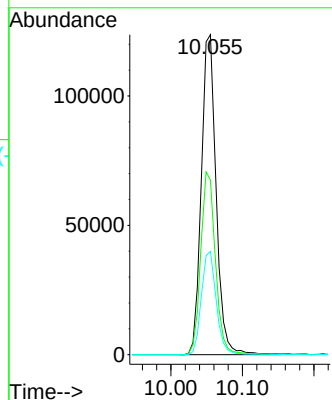
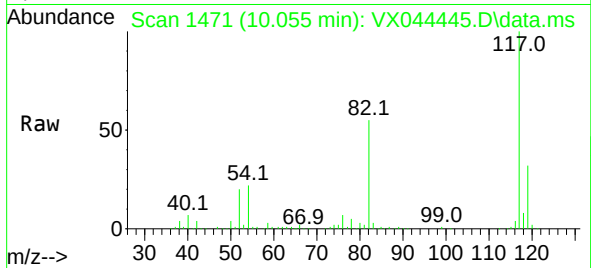




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

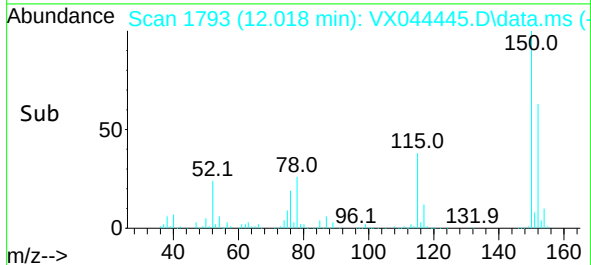
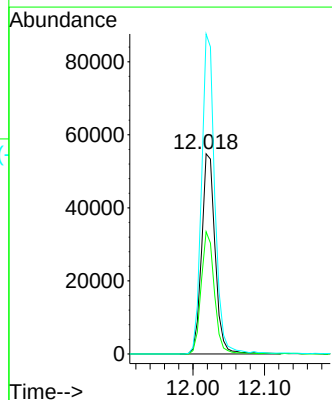
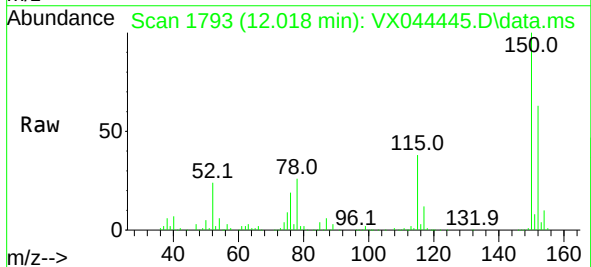
Instrument :
MSVOA_X
ClientSampleId :

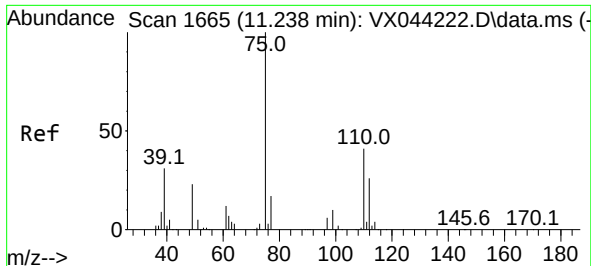
Tgt Ion:117 Resp: 178072
Ion Ratio Lower Upper
117 100
82 54.6 45.8 68.8
119 32.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Tgt Ion:152 Resp: 71905
Ion Ratio Lower Upper
152 100
115 59.7 44.5 133.3
150 155.6 0.0 353.8

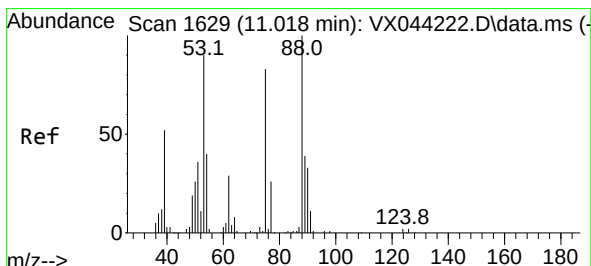
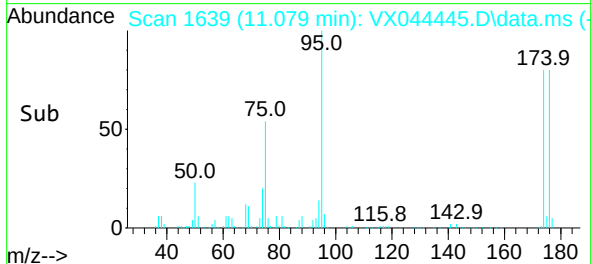
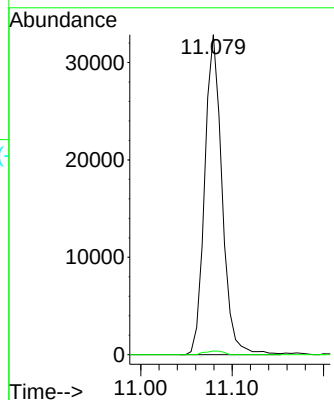
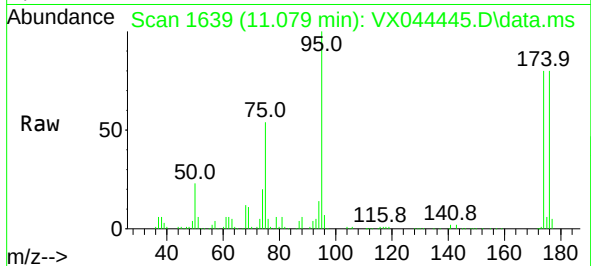




#76
1,2,3-Trichloropropane
Concen: 26.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43234
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.135 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Tgt Ion: 75 Resp: 43234
Ion Ratio Lower Upper
75 100
53 0.1 93.6 140.4#
89 0.1 37.3 55.9#

