

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101124\
 Data File : VX043364.D
 Acq On : 11 Oct 2024 13:40
 Operator : JC/MD
 Sample : P4388-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 14 02:47:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

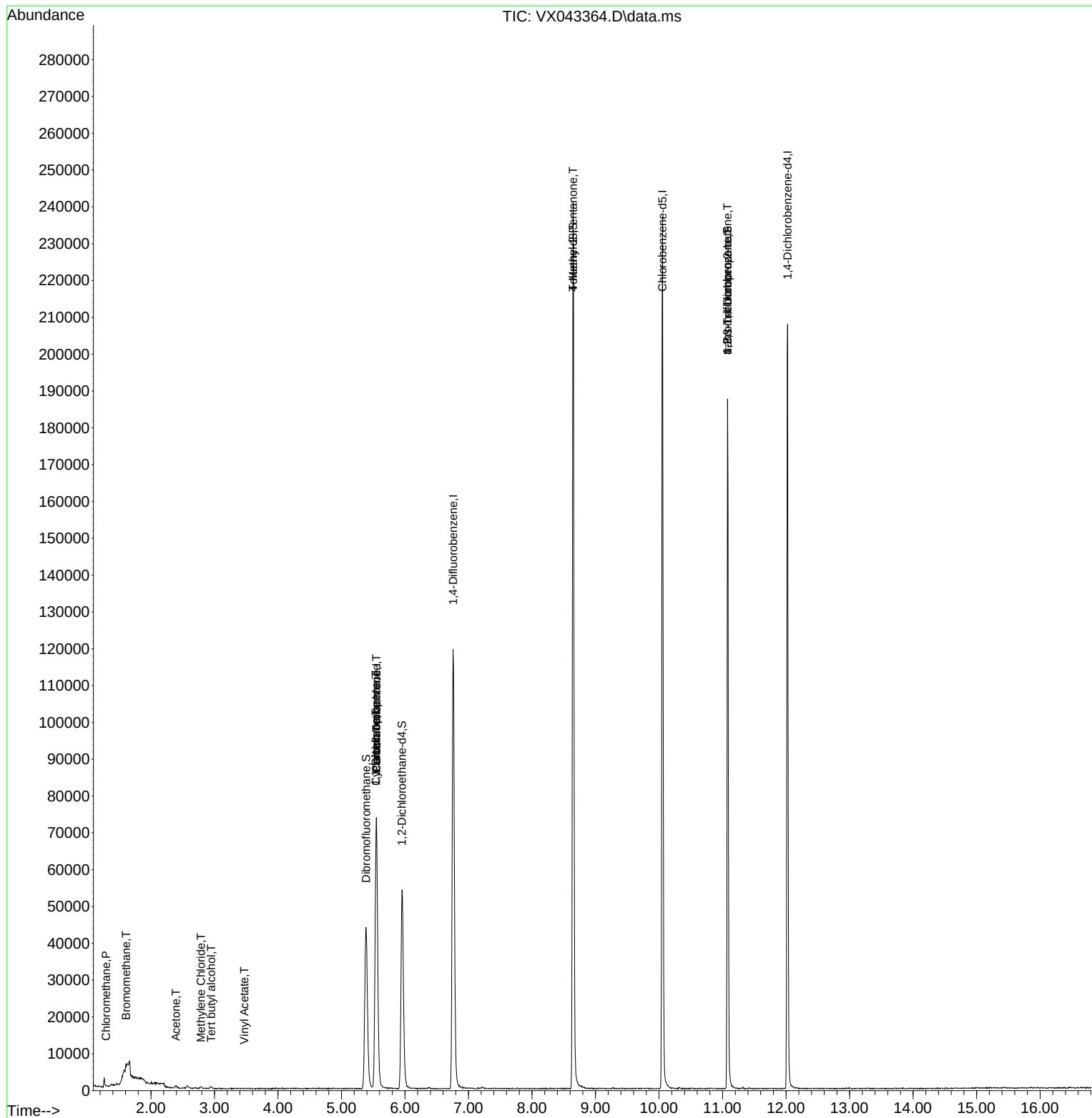
Internal Standards						
1) Pentafluorobenzene	5.550	168	65287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122590	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56642	53.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.240%	
35) Dibromofluoromethane	5.385	113	39777	47.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.100%	
50) Toluene-d8	8.647	98	145377	49.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	11.079	95	50899	47.820	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	230	0.294	ug/l #	42
5) Bromomethane	1.605	94	153	0.478	ug/l #	41
11) Tert butyl alcohol	2.947	59	274	1.350	ug/l #	71
16) Acetone	2.392	43	947	2.127	ug/l #	84
20) Methylene Chloride	2.788	84	211	0.257	ug/l #	71
23) Vinyl Acetate	3.471	43	19	6.346	ug/l #	71
31) Cyclohexane	5.544	56	1610	1.399	ug/l #	26
36) 1,1-Dichloropropene	5.544	75	5864	5.490	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7559	5.978	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	714	0.555	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	28001	29.498	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	28001	76.449	ug/l #	8

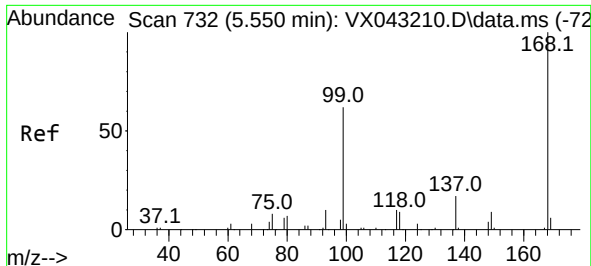
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
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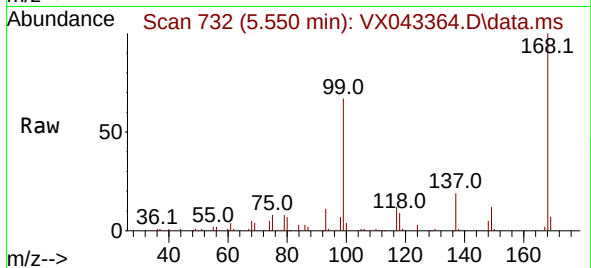


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

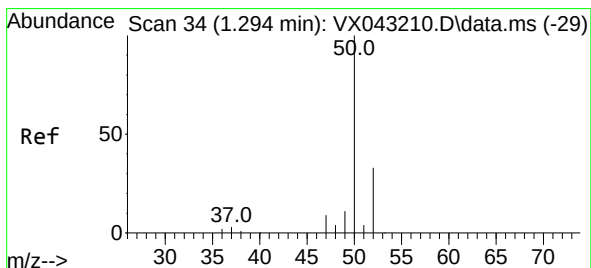
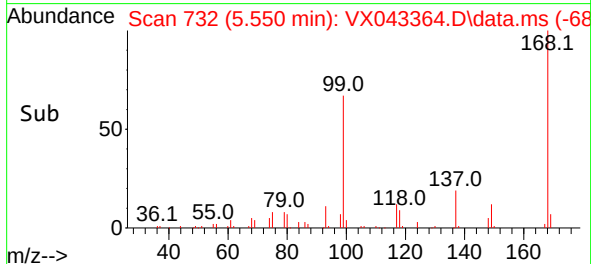
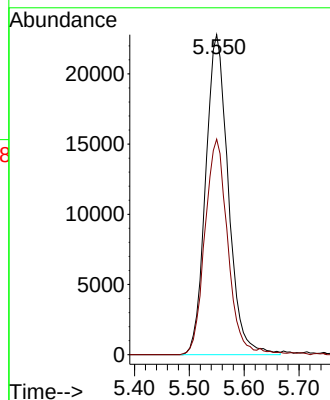
Instrument :

MSVOA_X

ClientSampleId :

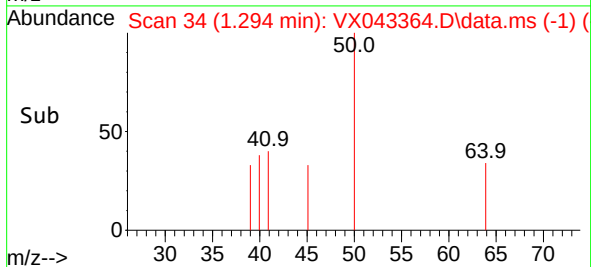
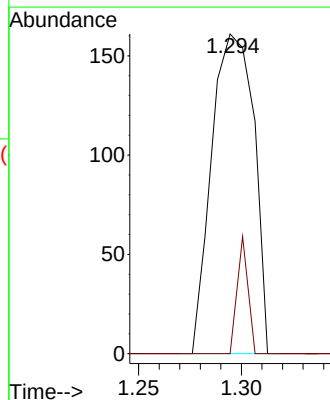
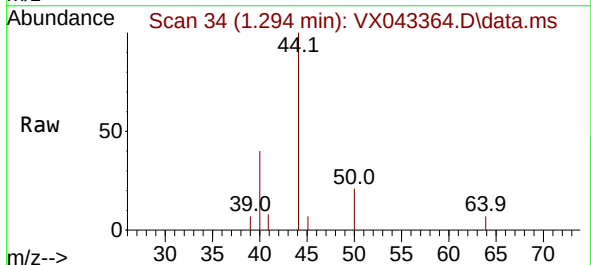


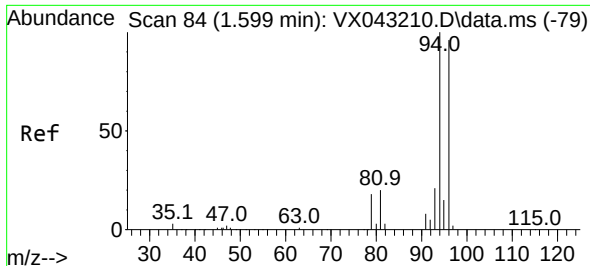
Tgt Ion:168 Resp: 65287
Ion Ratio Lower Upper
168 100
99 67.4 49.7 74.5



#3
Chloromethane
Concen: 0.294 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

Tgt Ion: 50 Resp: 230
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

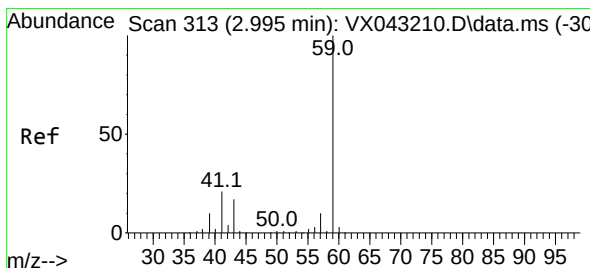
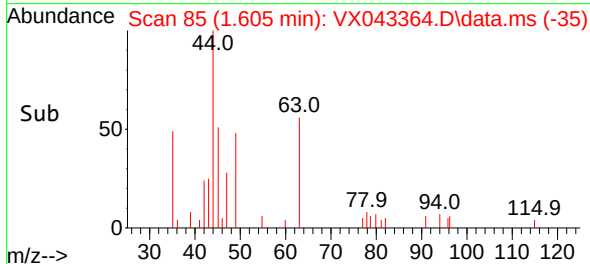
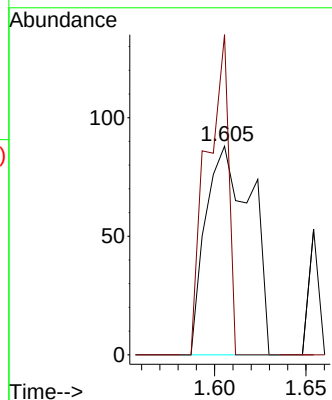
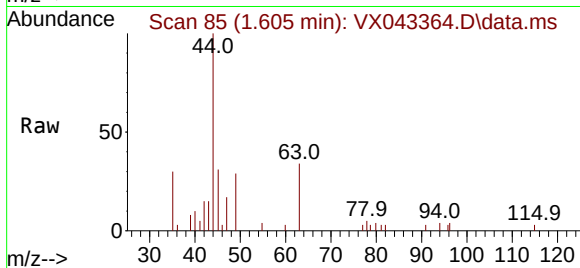




#5
Bromomethane
Concen: 0.478 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

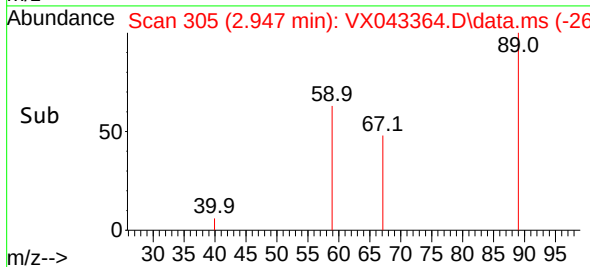
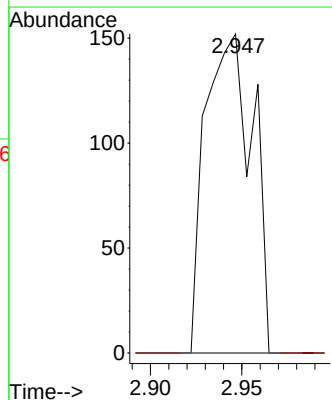
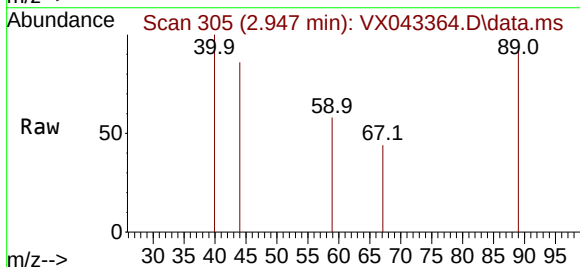
Instrument :
MSVOA_X
ClientSampleId :

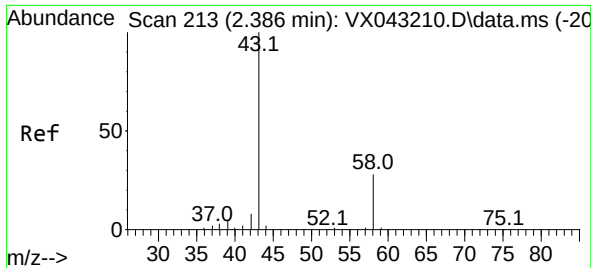
Tgt Ion: 94 Resp: 153
Ion Ratio Lower Upper
94 100
96 153.4 76.6 115.0#



#11
Tert butyl alcohol
Concen: 1.350 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

Tgt Ion: 59 Resp: 274
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

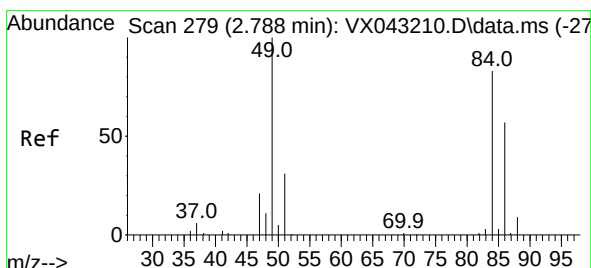
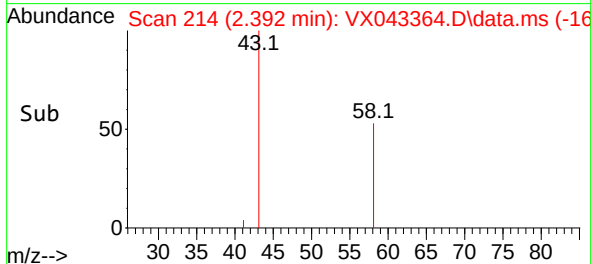
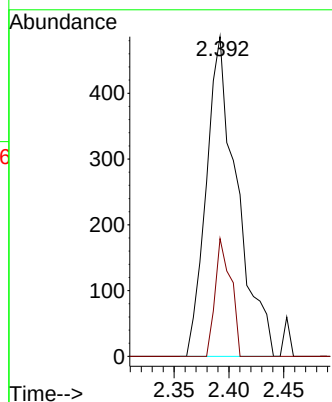
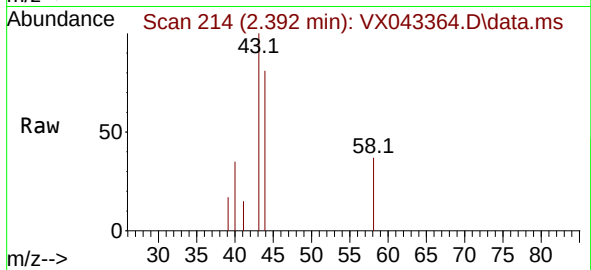




#16
Acetone
Concen: 2.127 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

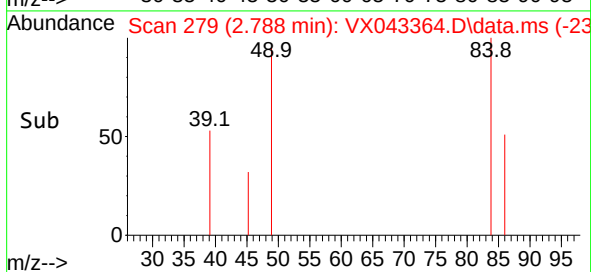
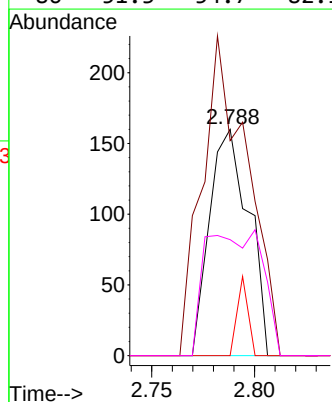
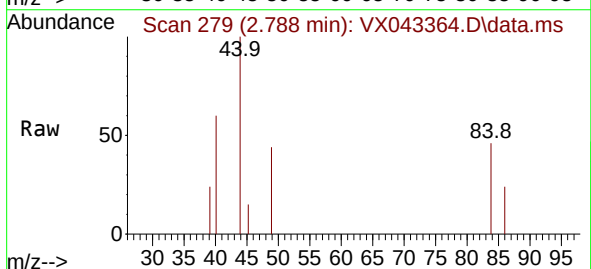
Instrument :
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ClientSampleId :

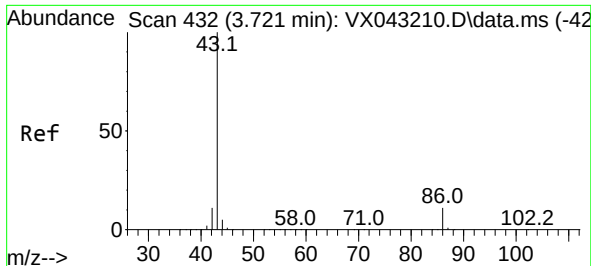
Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 36.8 22.6 33.8#



#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

Tgt Ion: 84 Resp: 211
Ion Ratio Lower Upper
84 100
49 95.0 96.7 145.1#
51 0.0 30.4 45.6#
86 51.3 54.7 82.1#

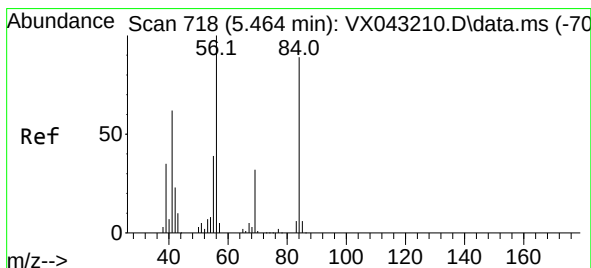
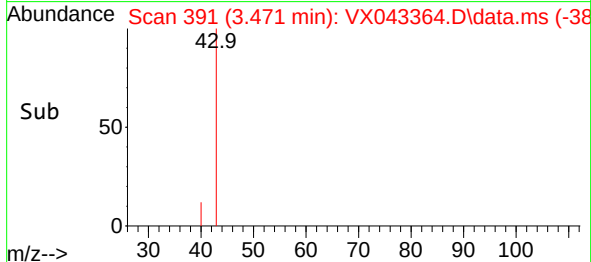
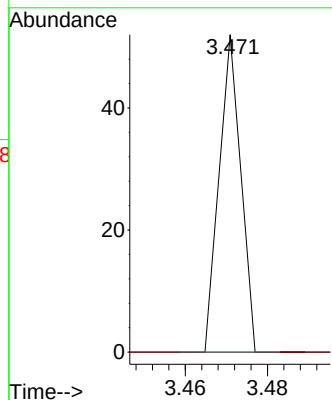
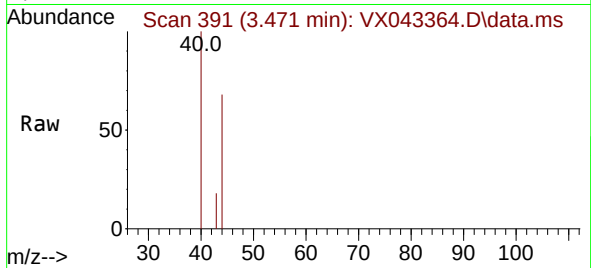




#23
 Vinyl Acetate
 Concen: 6.346 ug/l
 RT: 3.471 min Scan# 391
 Delta R.T. -0.250 min
 Lab File: VX043364.D
 Acq: 11 Oct 2024 13:40

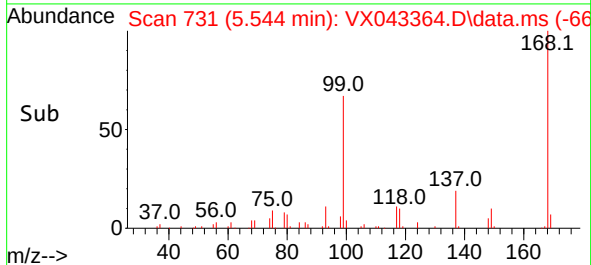
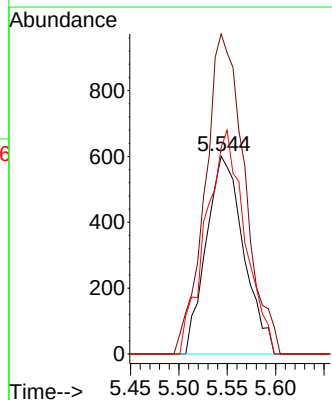
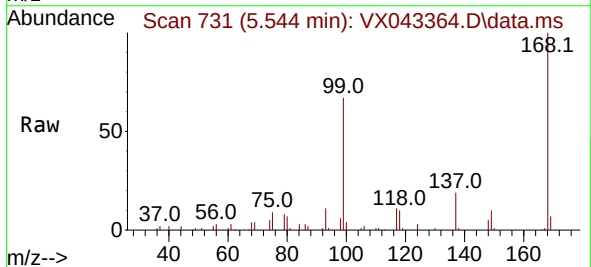
Instrument :
 MSVOA_X
 ClientSampleId :

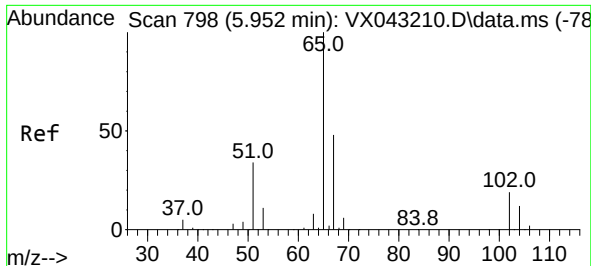
Tgt Ion: 43 Resp: 19
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.399 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.079 min
 Lab File: VX043364.D
 Acq: 11 Oct 2024 13:40

Tgt Ion: 56 Resp: 1610
 Ion Ratio Lower Upper
 56 100
 69 161.7 25.8 38.6#
 84 104.3 71.1 106.7

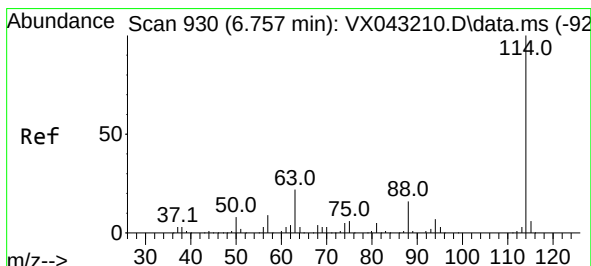
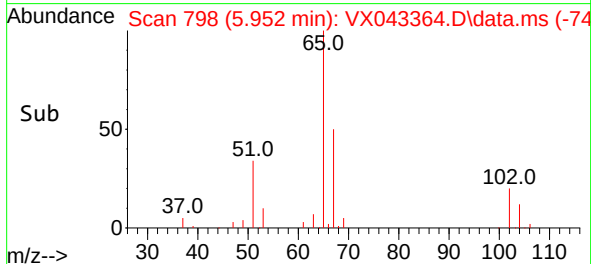
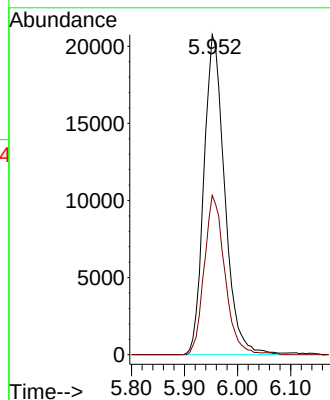
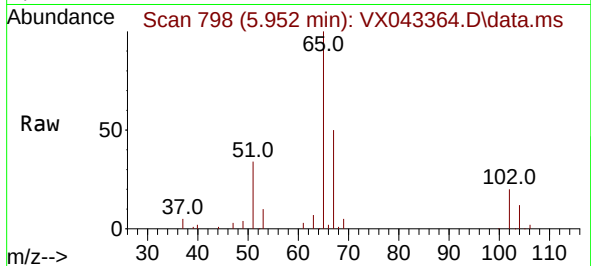




#33
 1,2-Dichloroethane-d4
 Concen: 53.123 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX043364.D
 Acq: 11 Oct 2024 13:40

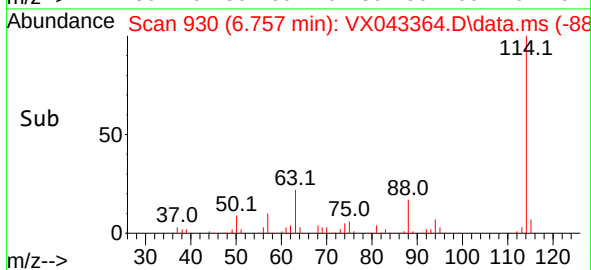
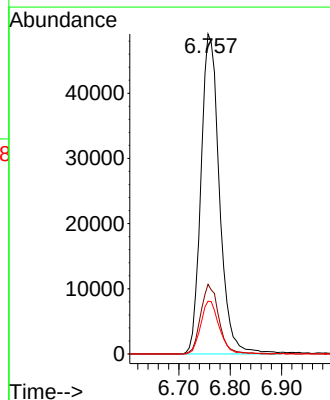
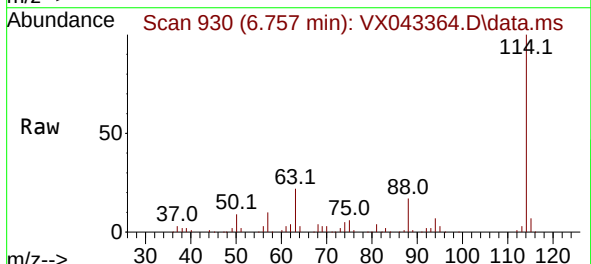
Instrument :
 MSVOA_X
 ClientSampleId :

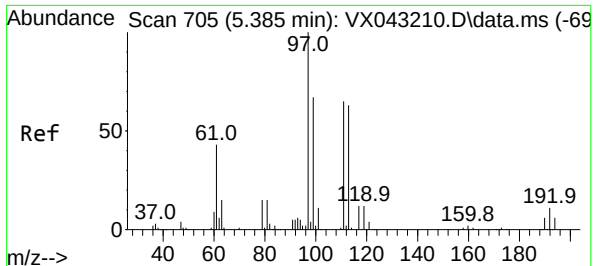
Tgt Ion: 65 Resp: 56642
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043364.D
 Acq: 11 Oct 2024 13:40

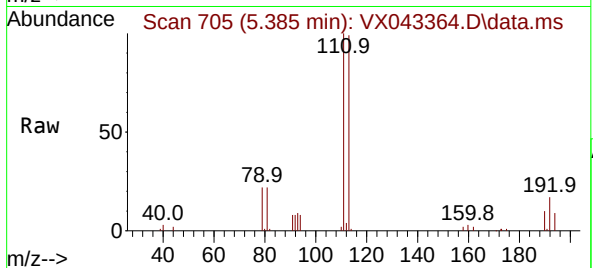
Tgt Ion: 114 Resp: 122590
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 16.5 0.0 33.0



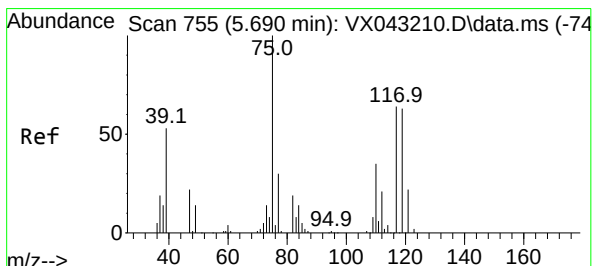
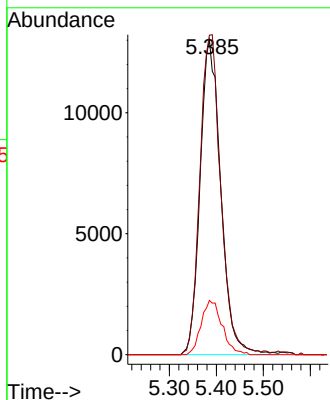
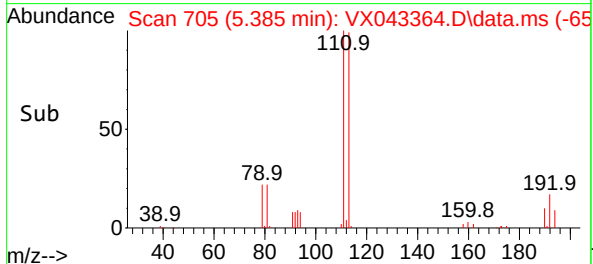


#35
Dibromofluoromethane
Concen: 47.049 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

Instrument :
MSVOA_X
ClientSampleId :

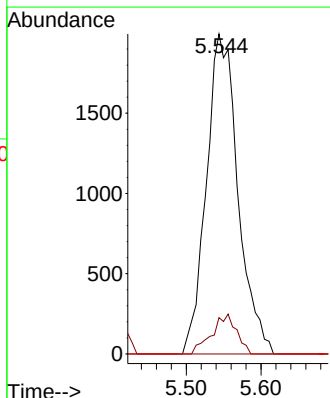
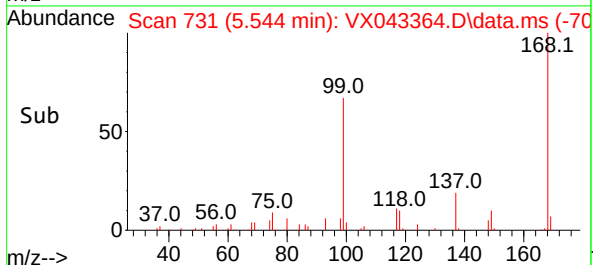
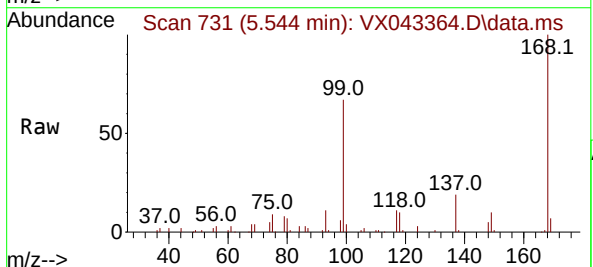


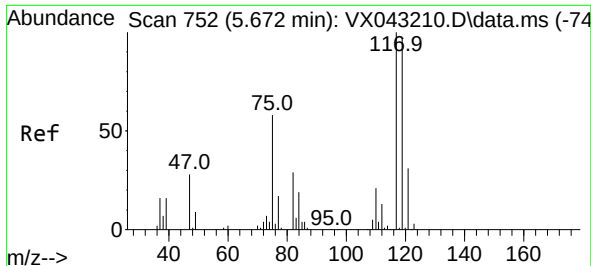
Tgt Ion:113 Resp: 39777
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.0
192 17.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.490 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

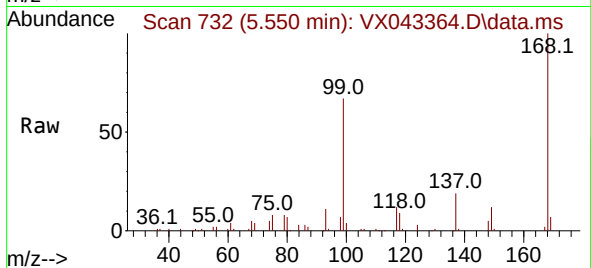
Tgt Ion: 75 Resp: 5864
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.3#
77 0.0 24.9 37.3#



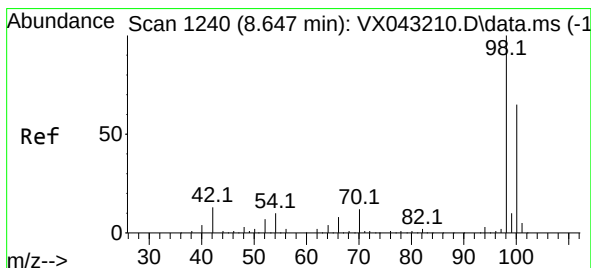
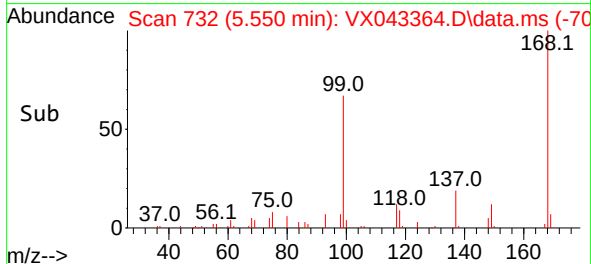
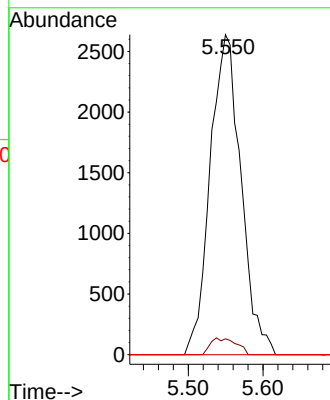


#38
Carbon Tetrachloride
Concen: 5.978 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

Instrument :
MSVOA_X
ClientSampleId :

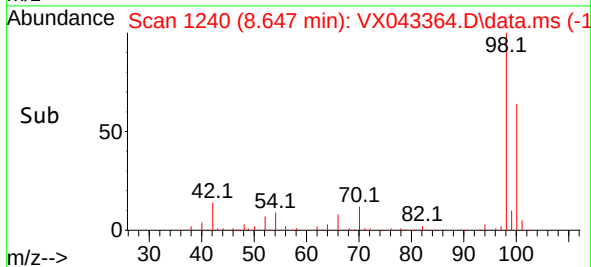
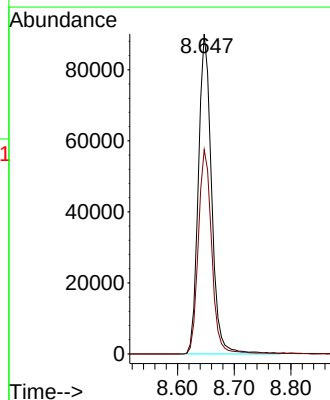
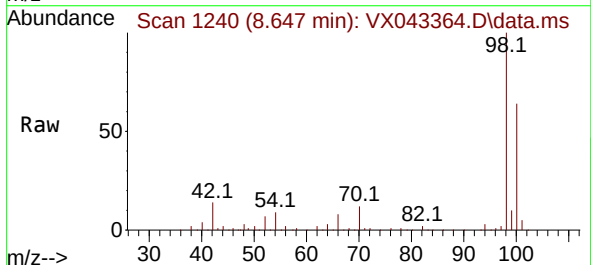


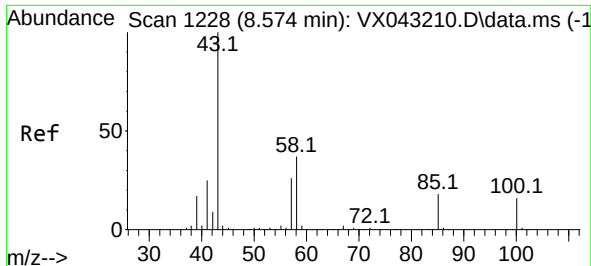
Tgt Ion:117 Resp: 7559
Ion Ratio Lower Upper
117 100
119 5.0 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 49.620 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

Tgt Ion: 98 Resp: 145377
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6

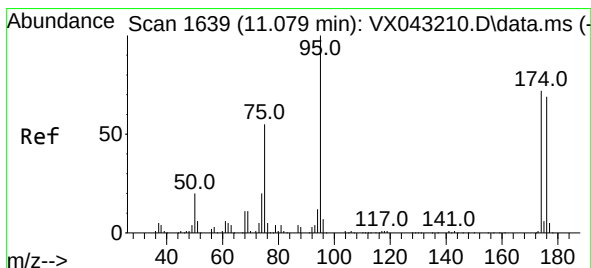
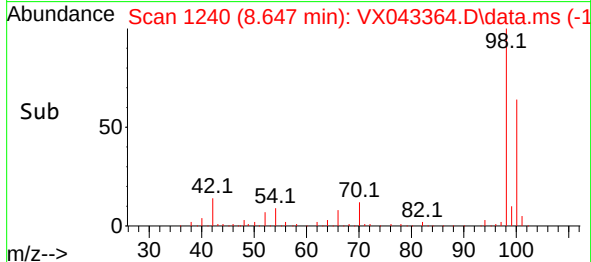
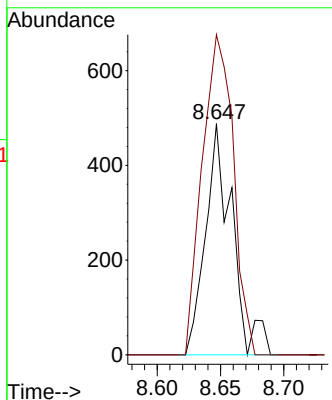
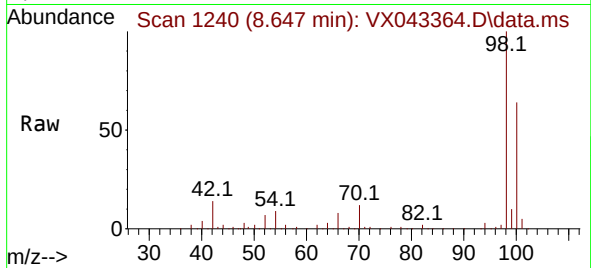




#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

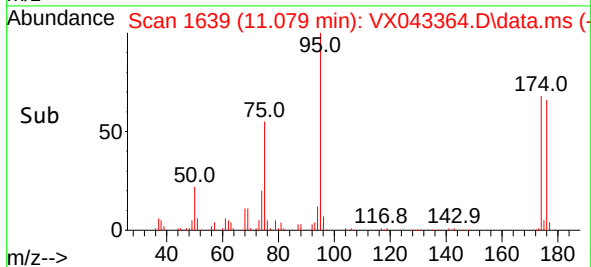
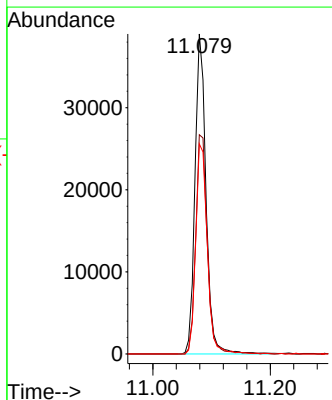
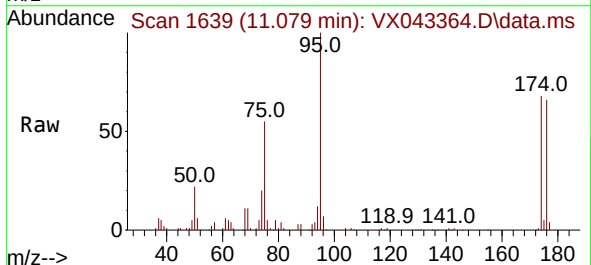
Instrument :
MSVOA_X
ClientSampleId :

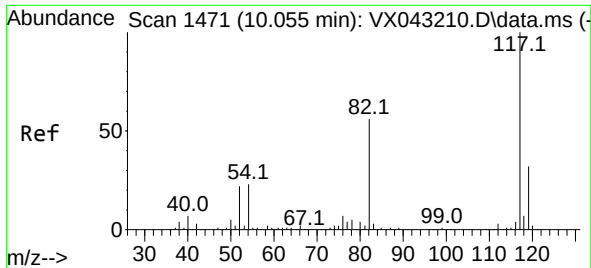
Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
58 162.0 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 47.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

Tgt Ion: 95 Resp: 50899
Ion Ratio Lower Upper
95 100
174 71.5 0.0 145.0
176 68.6 0.0 143.0

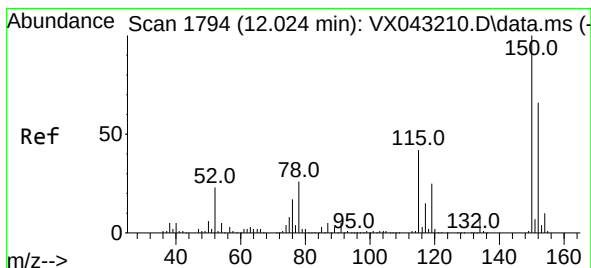
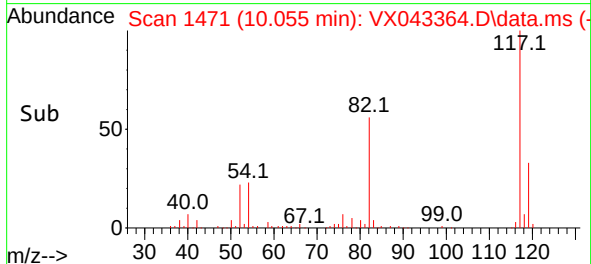
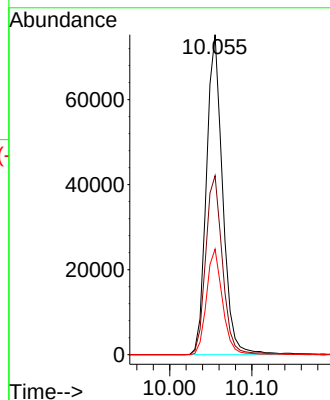
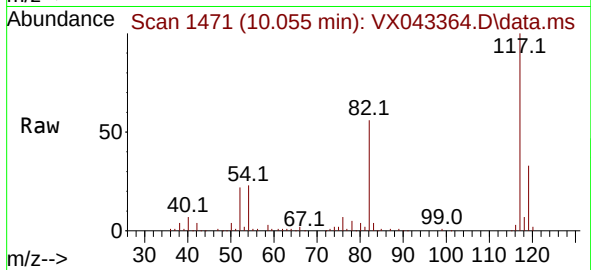




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

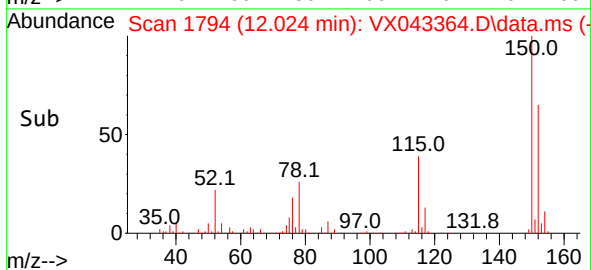
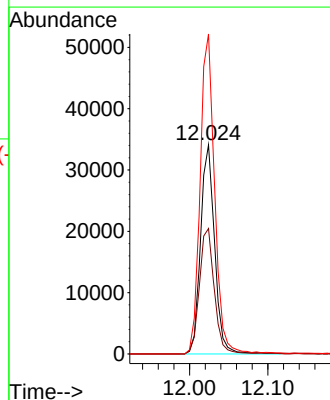
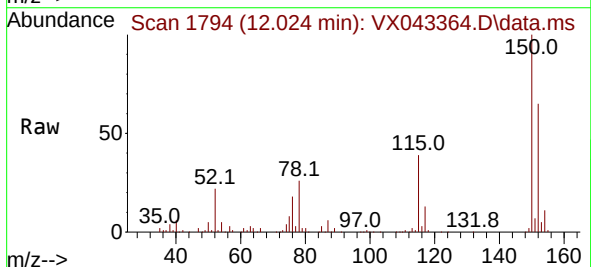
Instrument :
MSVOA_X
ClientSampleId :

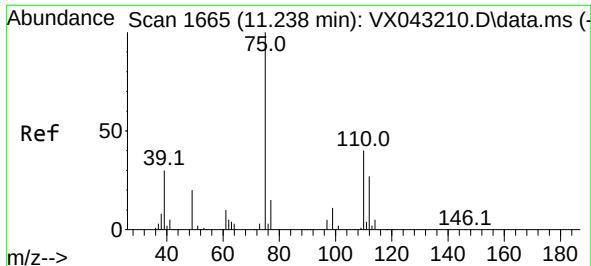
Tgt Ion:117 Resp: 103082
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.6
119 33.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

Tgt Ion:152 Resp: 42795
Ion Ratio Lower Upper
152 100
115 63.1 44.1 132.3
150 157.4 0.0 347.4

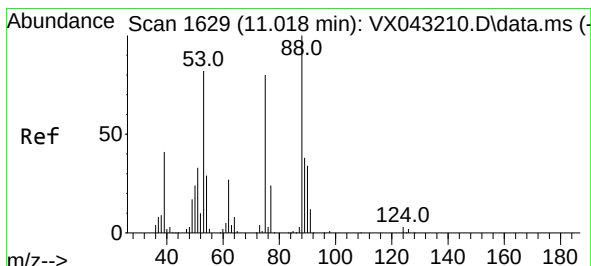
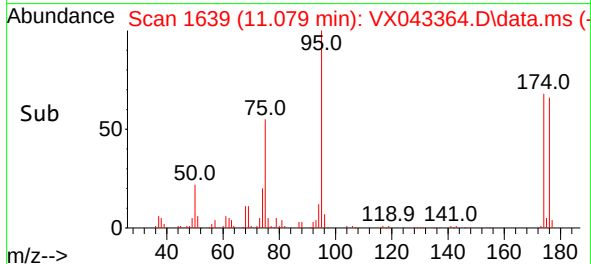
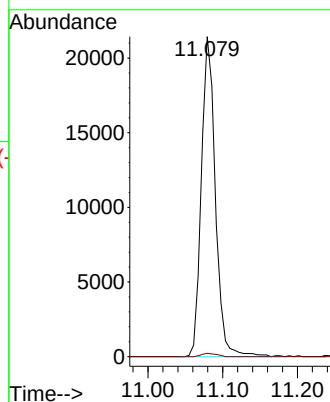
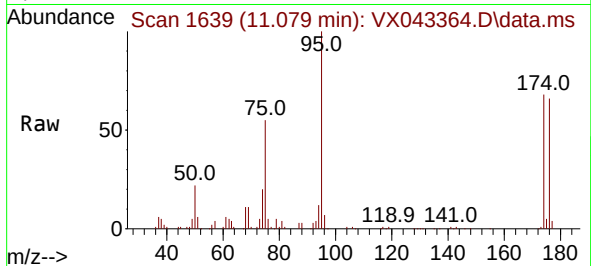




#76
1,2,3-Trichloropropane
Concen: 29.498 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 28001
Ion Ratio Lower Upper
75 100
77 1.1 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.449 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043364.D
Acq: 11 Oct 2024 13:40

Tgt Ion: 75 Resp: 28001
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

