

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
 Data File : VX043218.D
 Acq On : 02 Oct 2024 09:51
 Operator : JC/MD
 Sample : VX1002WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBL01

Quant Time: Oct 02 22:57:21 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)

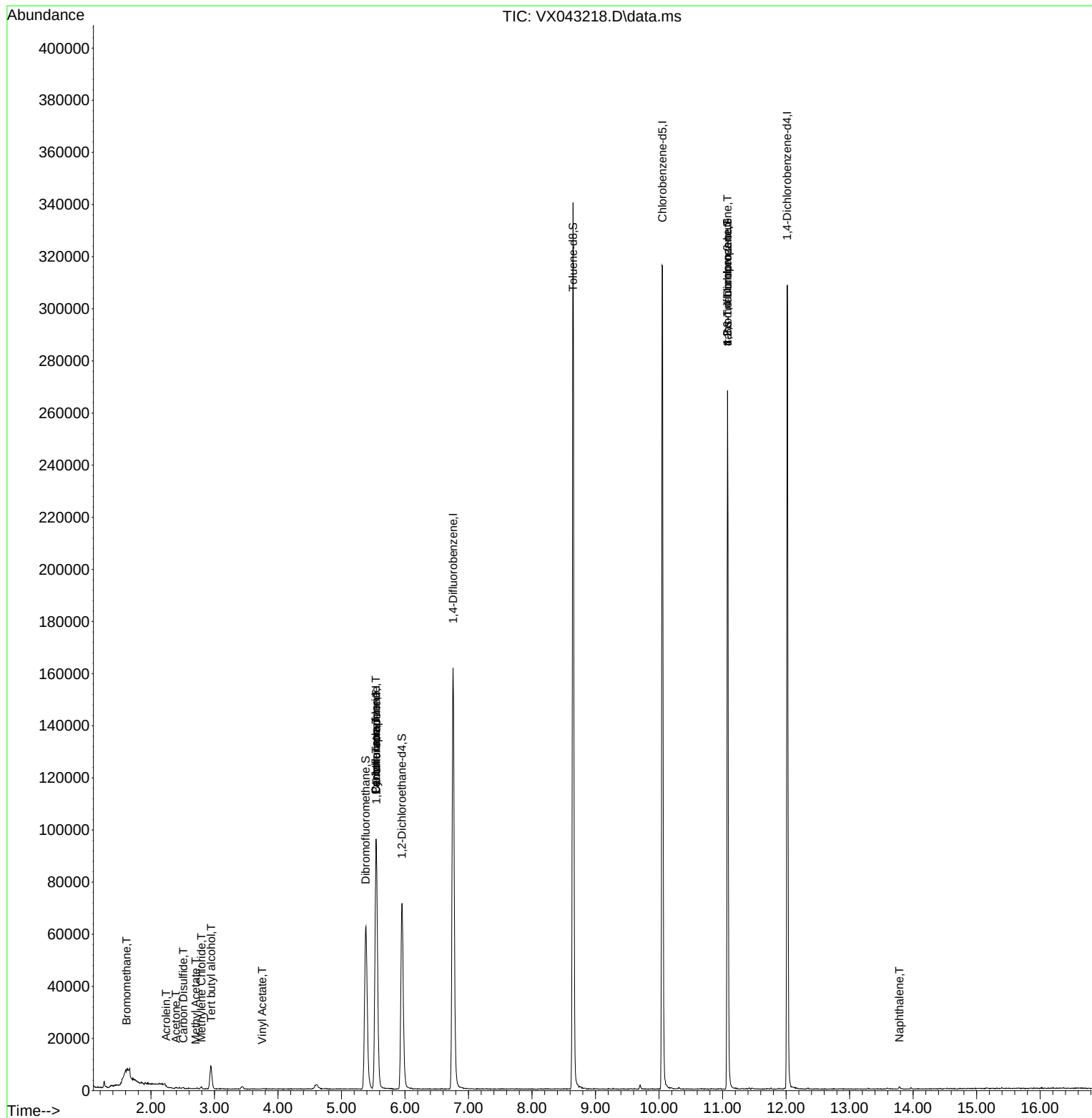
Internal Standards						
1) Pentafluorobenzene	5.544	168	86839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73459	51.797	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.600%	
35) Dibromofluoromethane	5.379	113	55038	48.630	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.260%	
50) Toluene-d8	8.647	98	197924	50.464	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	11.079	95	72287	50.732	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	325	0.763	ug/l #	2
11) Tert butyl alcohol	2.947	59	4995	18.508	ug/l #	74
13) Acrolein	2.239	56	178	0.698	ug/l #	38
16) Acetone	2.392	43	740	1.249	ug/l #	87
17) Carbon Disulfide	2.508	76	545	0.232	ug/l #	76
18) Methyl Acetate	2.703	43	402	0.271	ug/l #	51
20) Methylene Chloride	2.794	84	251	0.230	ug/l #	83
23) Vinyl Acetate	3.751	43	115	6.371	ug/l #	71
31) Cyclohexane	5.544	56	2075	1.356	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7509	5.252	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9521	5.625	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	38900	28.452	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	38900	73.739	ug/l #	8
95) Naphthalene	13.786	128	1212	0.272	ug/l #	91

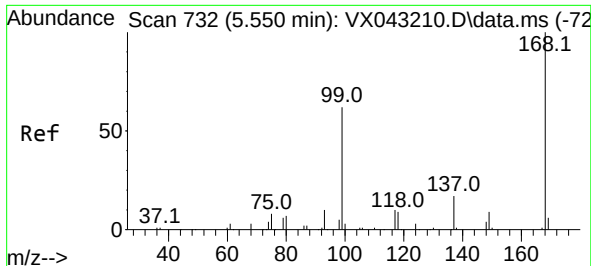
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Oct 02 22:57:21 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

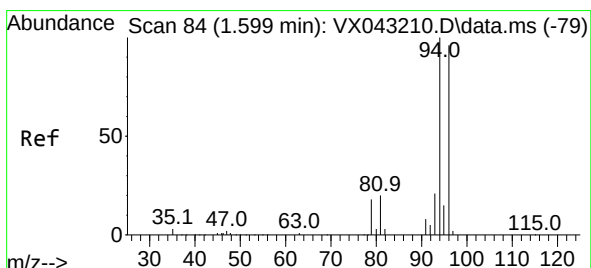
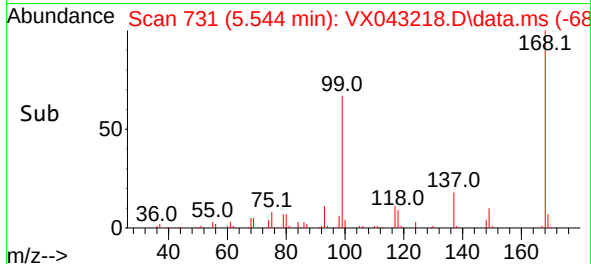
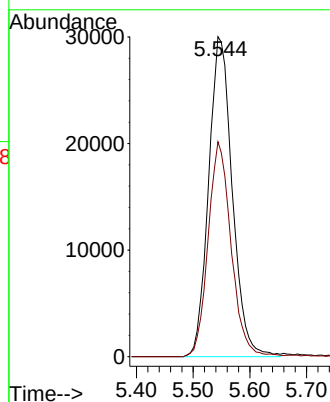
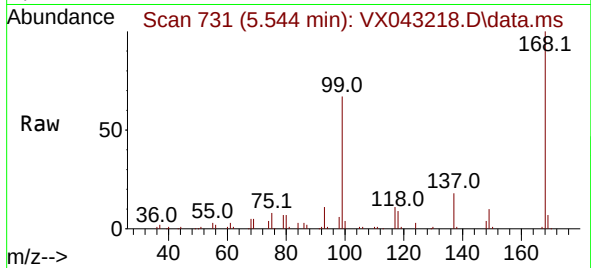




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

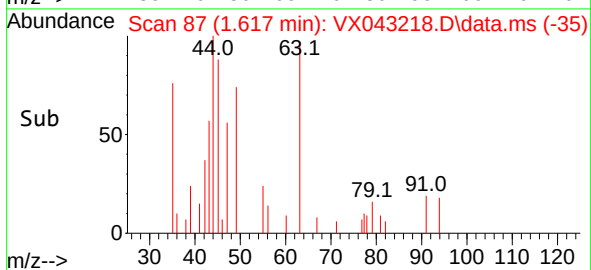
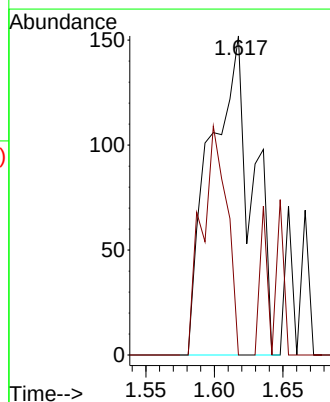
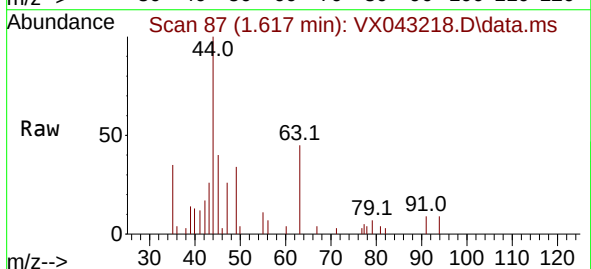
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

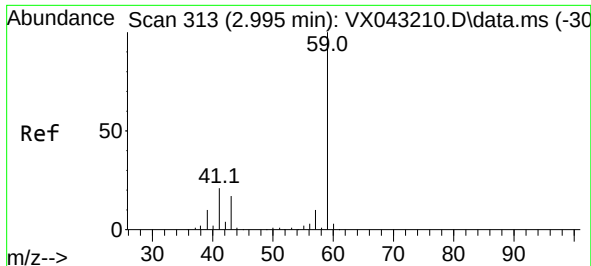
Tgt Ion:168 Resp: 86839
Ion Ratio Lower Upper
168 100
99 67.2 49.7 74.5



#5
Bromomethane
Concen: 0.763 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

Tgt Ion: 94 Resp: 325
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#





#11

Tert butyl alcohol

Concen: 18.508 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX043218.D

Acq: 02 Oct 2024 09:51

Instrument :

MSVOA_X

ClientSampleId :

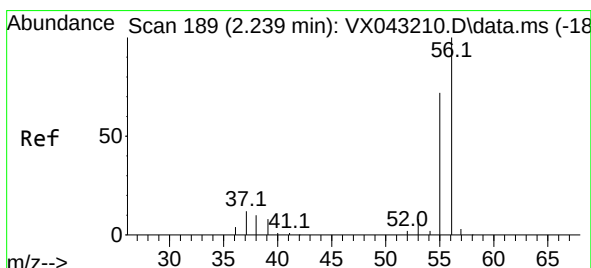
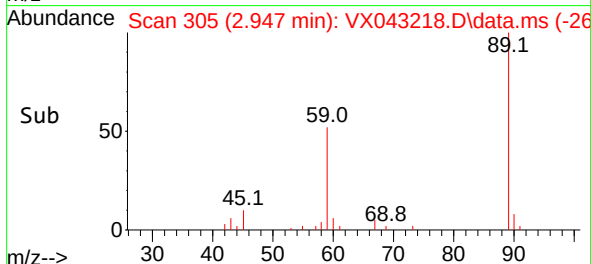
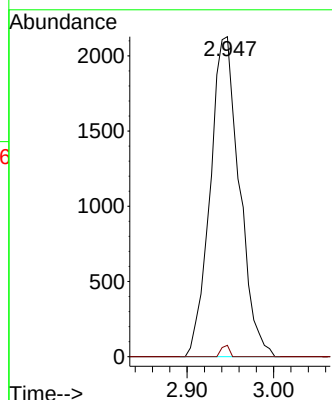
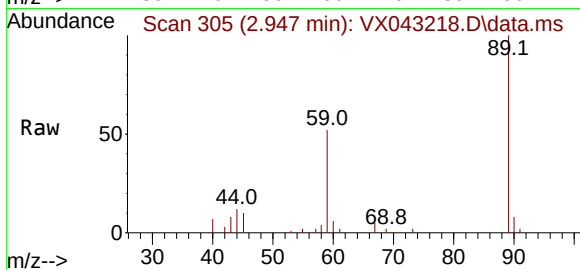
VX1002WBL01

Tgt Ion: 59 Resp: 4995

Ion Ratio Lower Upper

59 100

57 1.0 8.6 13.0#



#13

Acrolein

Concen: 0.698 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX043218.D

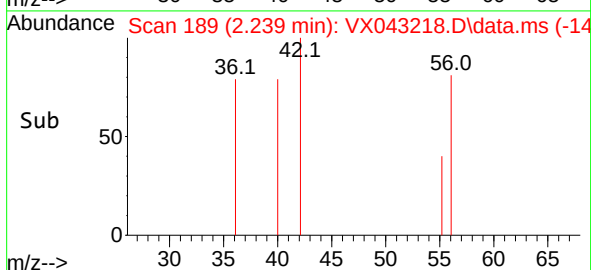
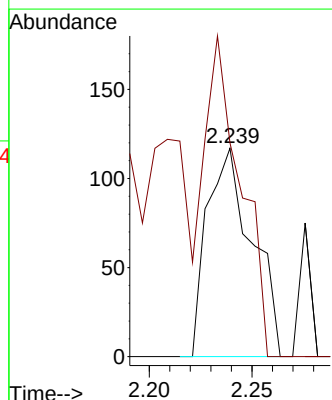
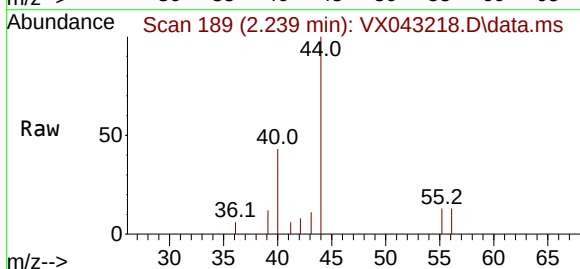
Acq: 02 Oct 2024 09:51

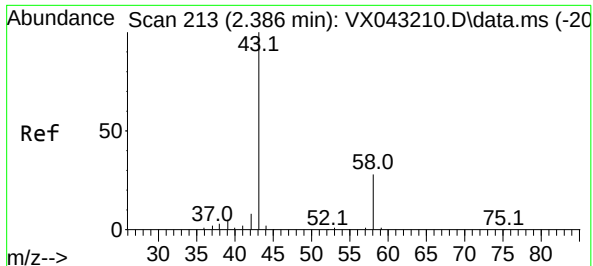
Tgt Ion: 56 Resp: 178

Ion Ratio Lower Upper

56 100

55 123.0 57.4 86.0#

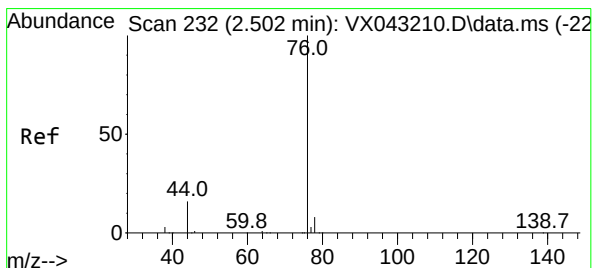
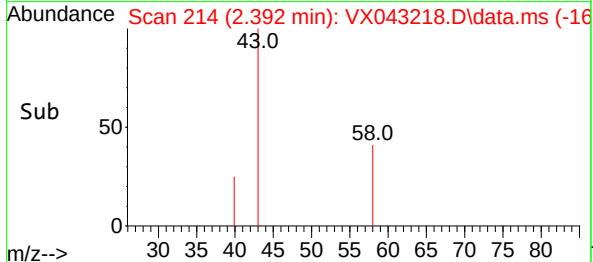
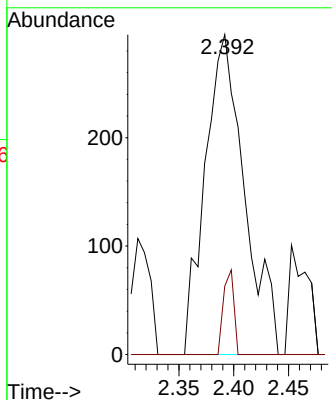
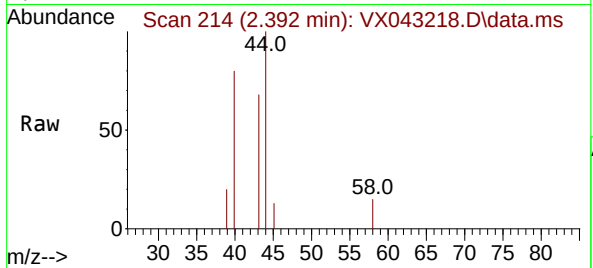




#16
Acetone
Concen: 1.249 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

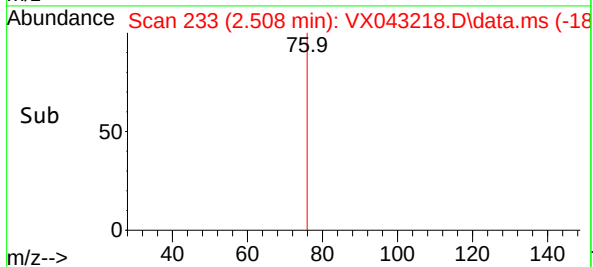
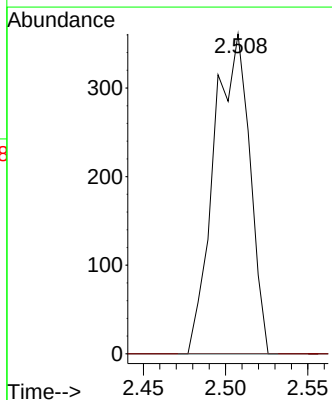
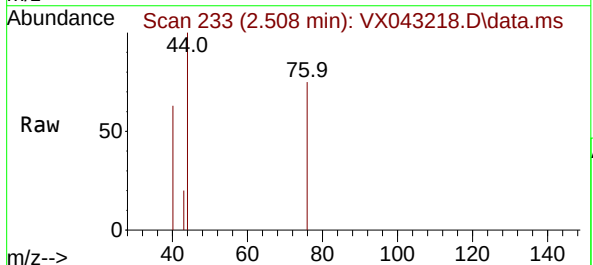
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

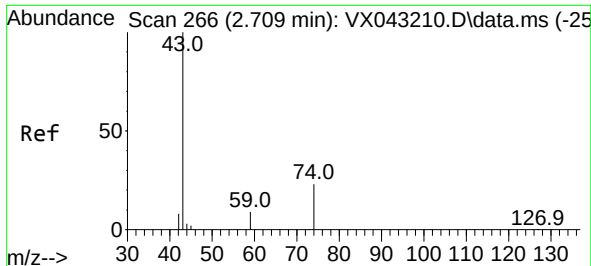
Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 21.4 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

Tgt Ion: 76 Resp: 545
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#

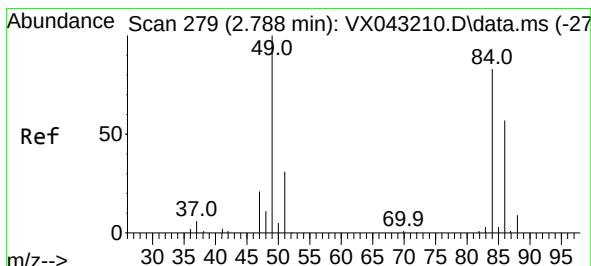
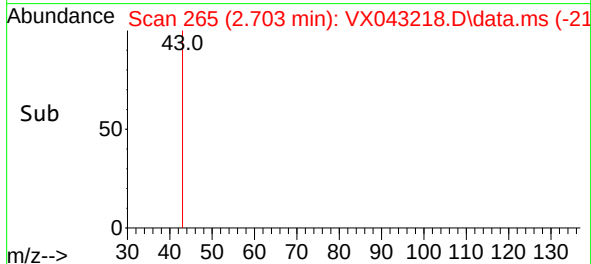
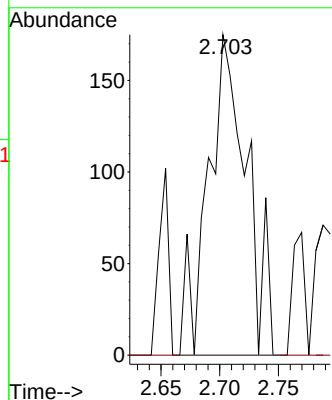
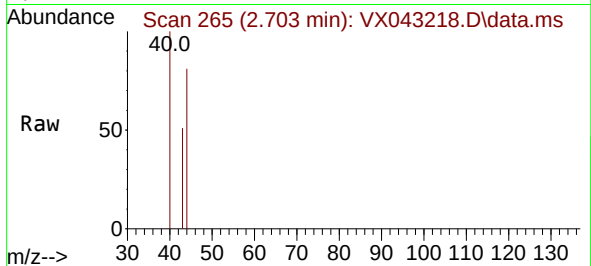




#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

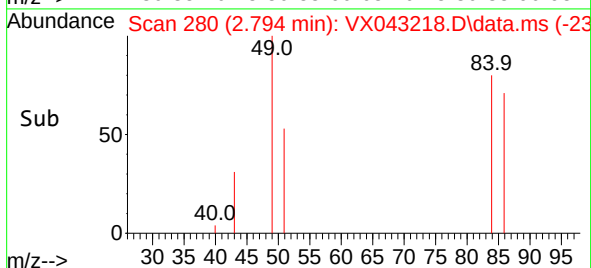
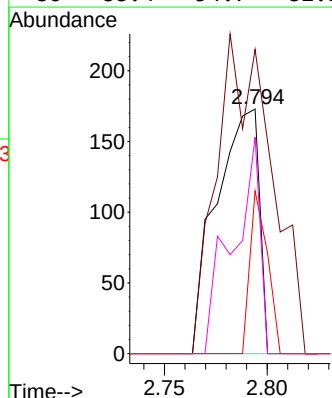
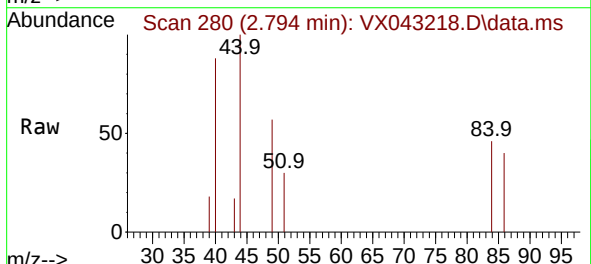
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

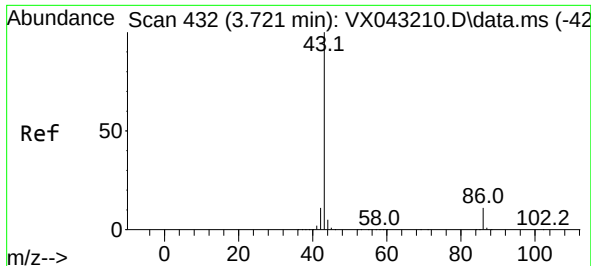
Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

Tgt Ion: 84 Resp: 251
Ion Ratio Lower Upper
84 100
49 124.3 96.7 145.1
51 66.5 30.4 45.6#
86 88.4 54.7 82.1#

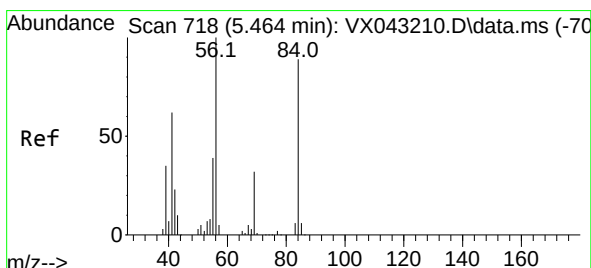
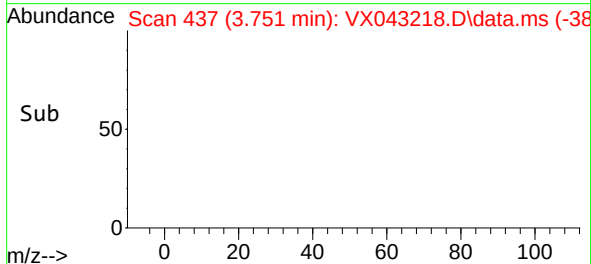
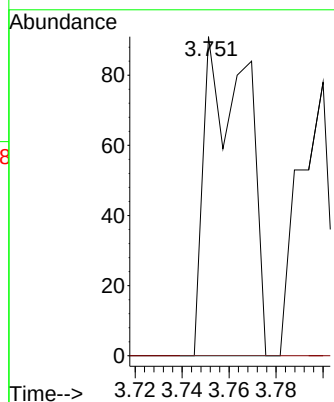
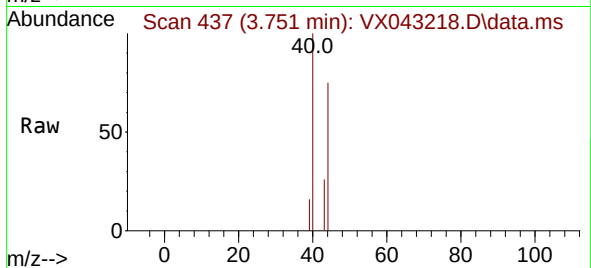




#23
 Vinyl Acetate
 Concen: 6.371 ug/l
 RT: 3.751 min Scan# 411
 Delta R.T. 0.030 min
 Lab File: VX043218.D
 Acq: 02 Oct 2024 09:51

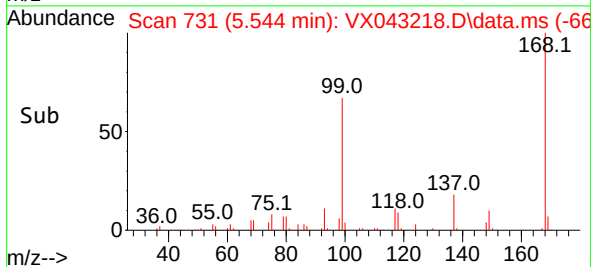
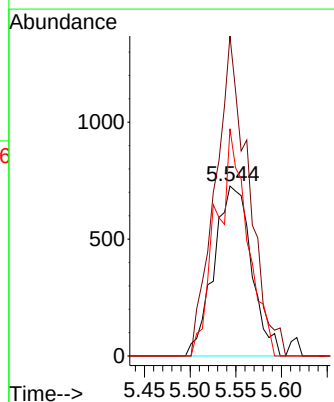
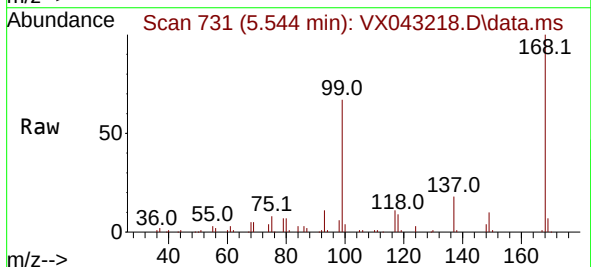
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBL01

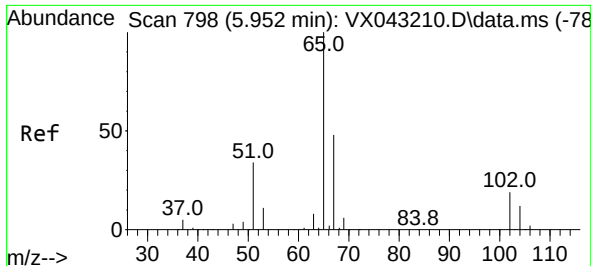
Tgt Ion: 43 Resp: 115
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.356 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.079 min
 Lab File: VX043218.D
 Acq: 02 Oct 2024 09:51

Tgt Ion: 56 Resp: 2075
 Ion Ratio Lower Upper
 56 100
 69 188.3 25.8 38.6#
 84 133.7 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 51.797 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043218.D

Acq: 02 Oct 2024 09:51

Instrument :

MSVOA_X

ClientSampleId :

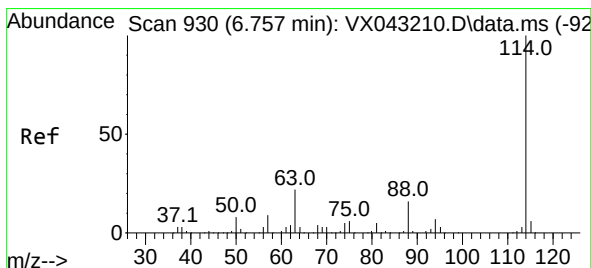
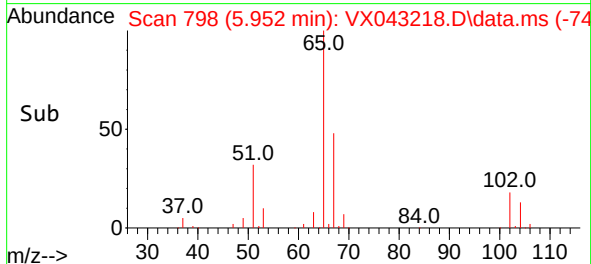
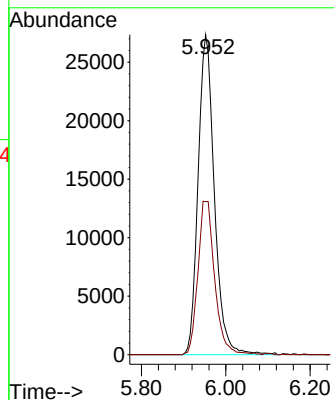
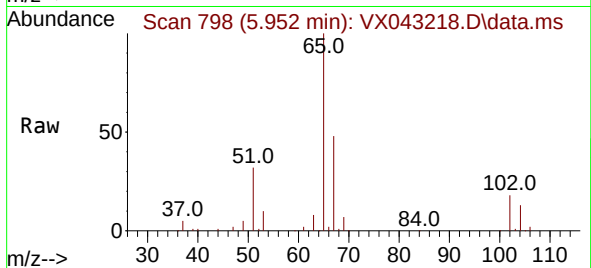
VX1002WBL01

Tgt Ion: 65 Resp: 73459

Ion Ratio Lower Upper

65 100

67 49.6 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: VX043218.D

Acq: 02 Oct 2024 09:51

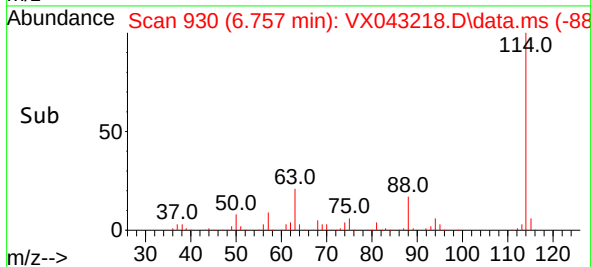
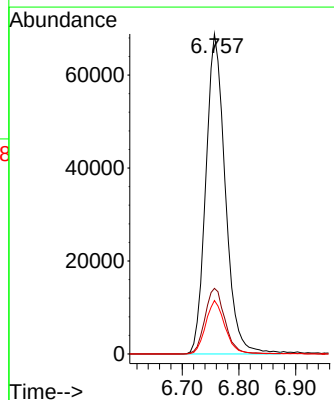
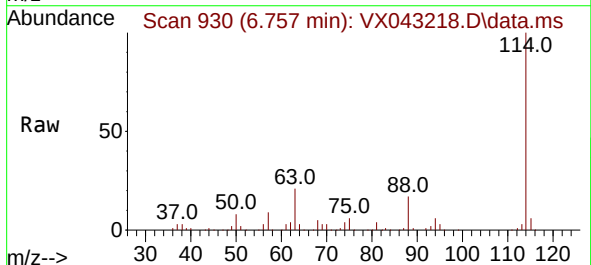
Tgt Ion: 114 Resp: 164111

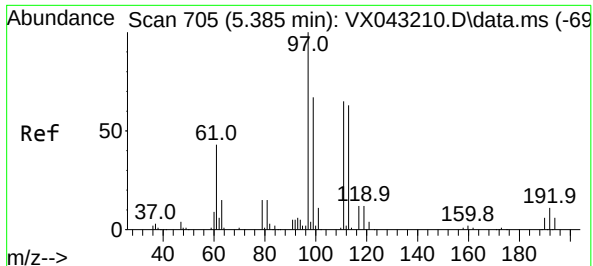
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.0

88 16.7 0.0 33.0

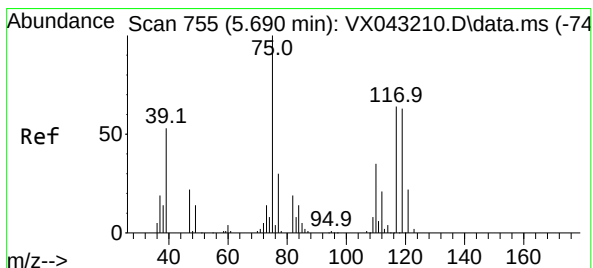
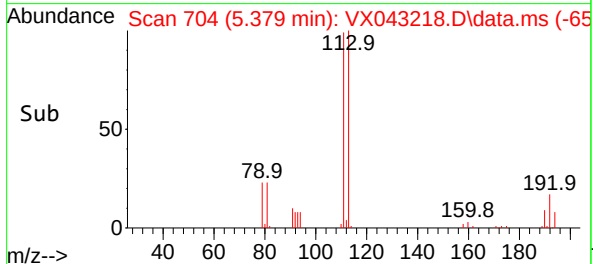
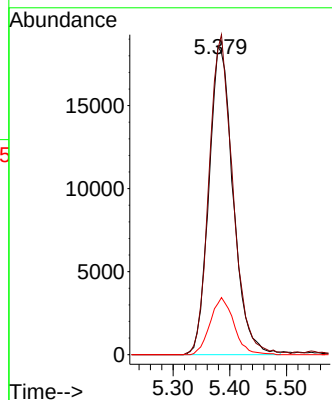
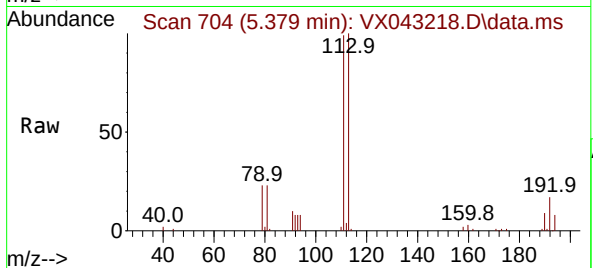




#35
Dibromofluoromethane
Concen: 48.630 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

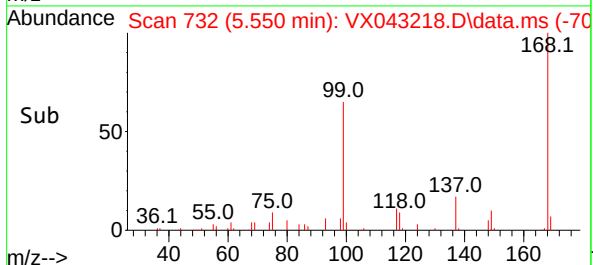
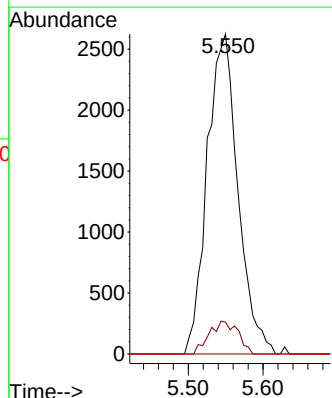
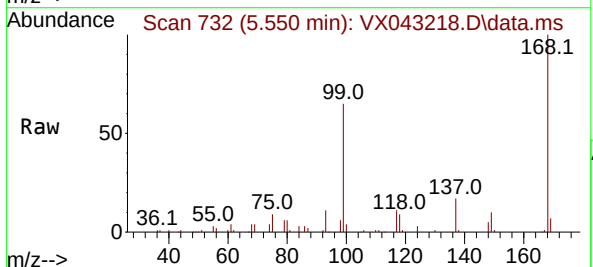
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

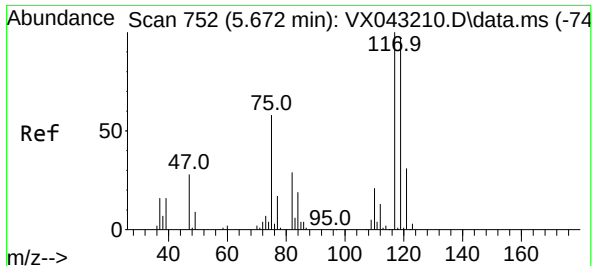
Tgt Ion:113 Resp: 55038
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.0
192 18.2 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.252 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

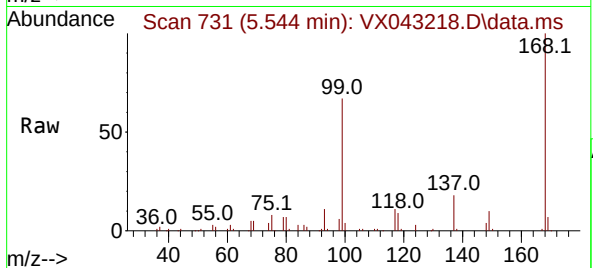
Tgt Ion: 75 Resp: 7509
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.3#
77 0.0 24.9 37.3#



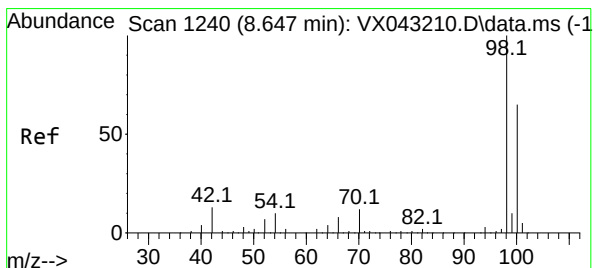
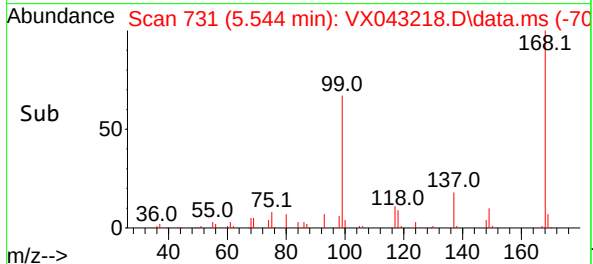
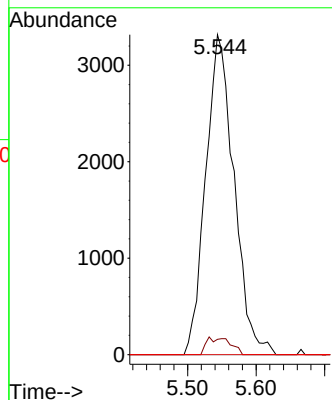


#38
Carbon Tetrachloride
Concen: 5.625 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

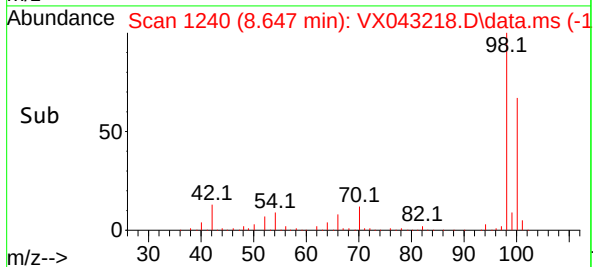
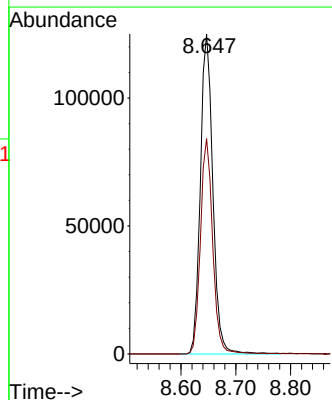
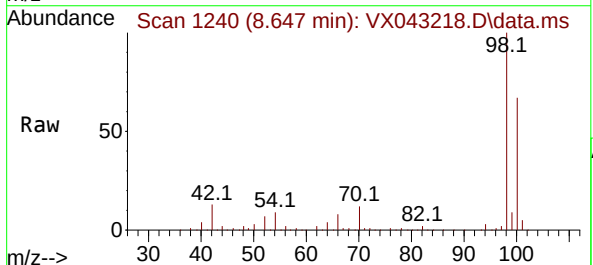


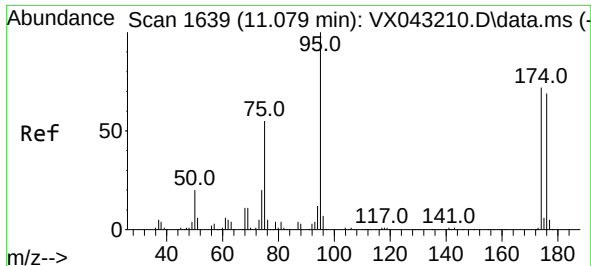
Tgt Ion:117 Resp: 9521
Ion Ratio Lower Upper
117 100
119 4.8 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 50.464 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

Tgt Ion: 98 Resp: 197924
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

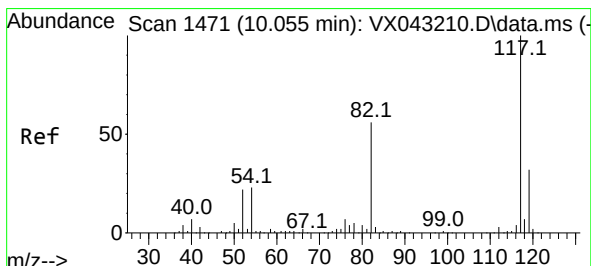
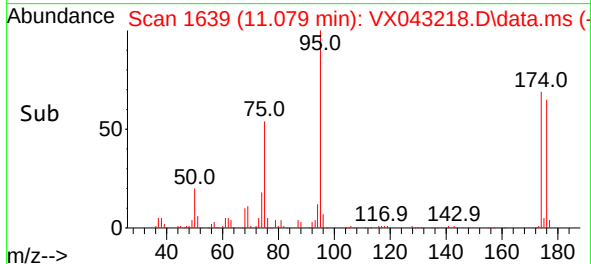
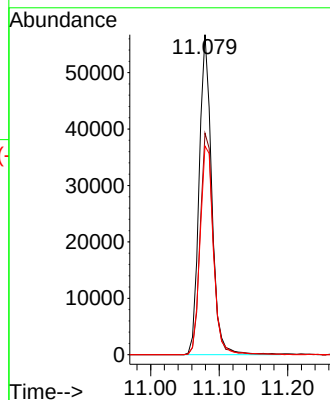
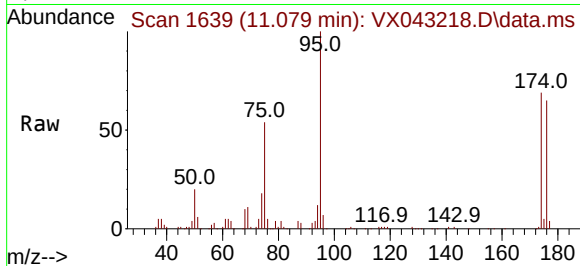




#62
4-Bromofluorobenzene
Concen: 50.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

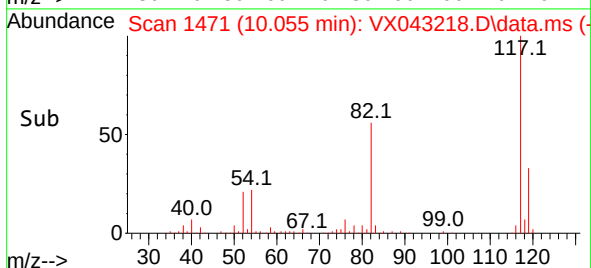
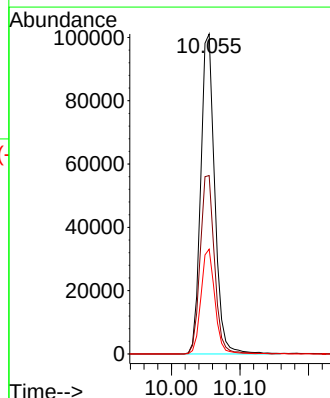
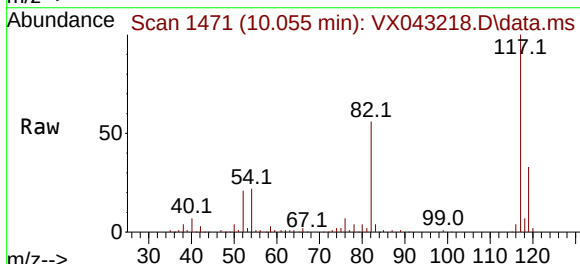
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

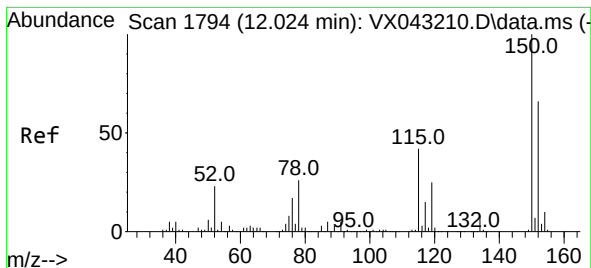
Tgt Ion: 95 Resp: 72287
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.0
176 69.8 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

Tgt Ion: 117 Resp: 144102
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.6
119 32.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043218.D

Acq: 02 Oct 2024 09:51

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBL01

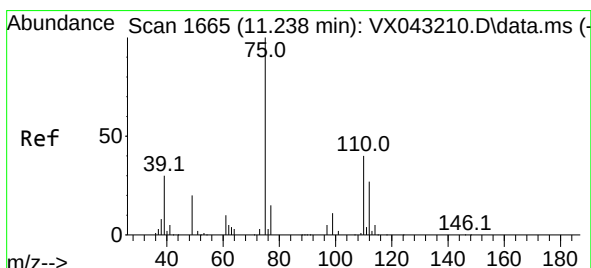
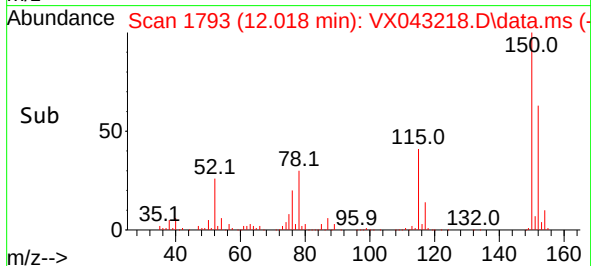
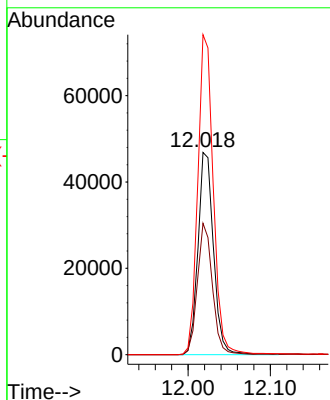
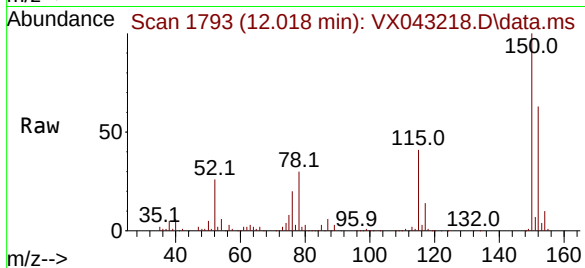
Tgt Ion:152 Resp: 61638

Ion Ratio Lower Upper

152 100

115 63.0 44.1 132.3

150 158.9 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 28.452 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043218.D

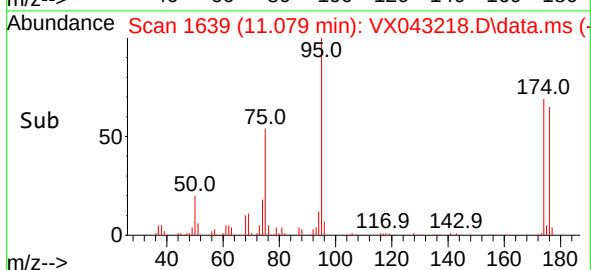
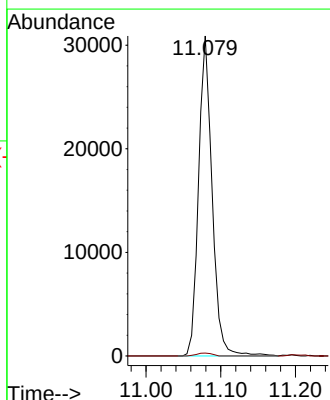
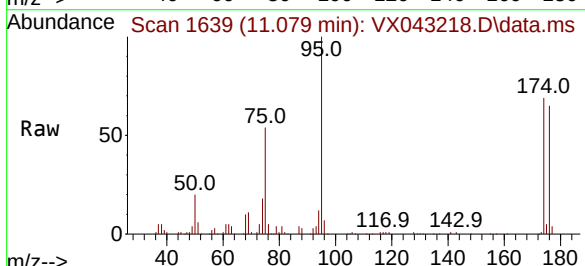
Acq: 02 Oct 2024 09:51

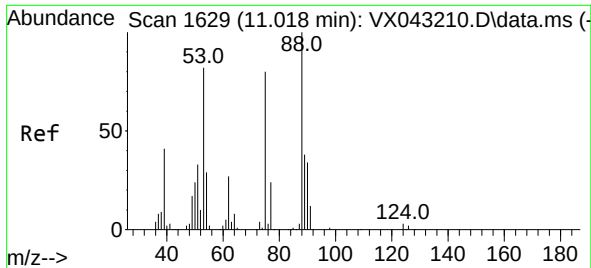
Tgt Ion: 75 Resp: 38900

Ion Ratio Lower Upper

75 100

77 1.0 22.0 66.0#

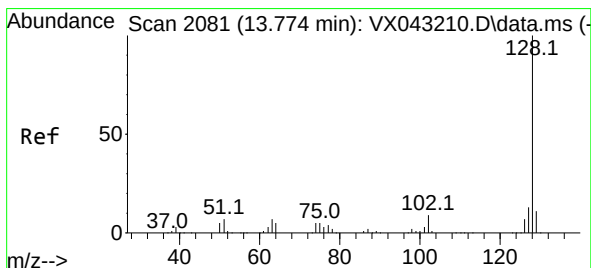
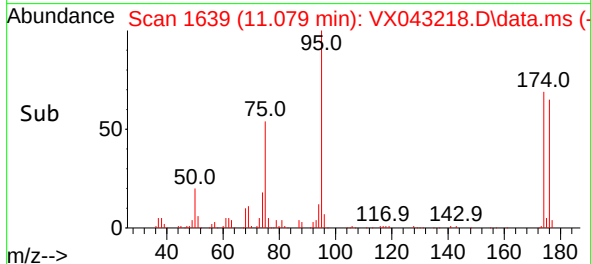
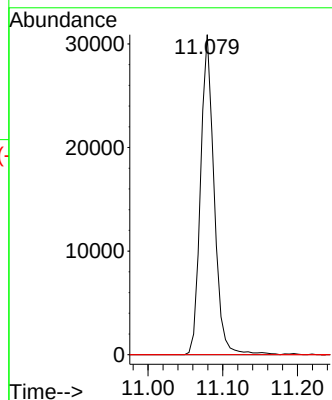
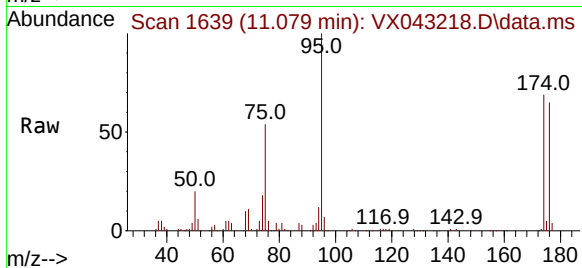




#81
trans-1,4-Dichloro-2-butene
Concen: 73.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Tgt Ion: 75 Resp: 38900
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#



#95
Naphthalene
Concen: 0.272 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX043218.D
Acq: 02 Oct 2024 09:51

Tgt Ion: 128 Resp: 1212
Ion Ratio Lower Upper
128 100
127 9.2 10.2 15.2#
129 7.5 8.6 13.0#

