

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101124\
 Data File : VX043361.D
 Acq On : 11 Oct 2024 12:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 14 02:45:45 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	80661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56695	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67703	51.395	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.780%	
35) Dibromofluoromethane	5.385	113	48142	47.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.320%	
50) Toluene-d8	8.647	98	174195	49.760	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	11.079	95	63321	49.789	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.580%	

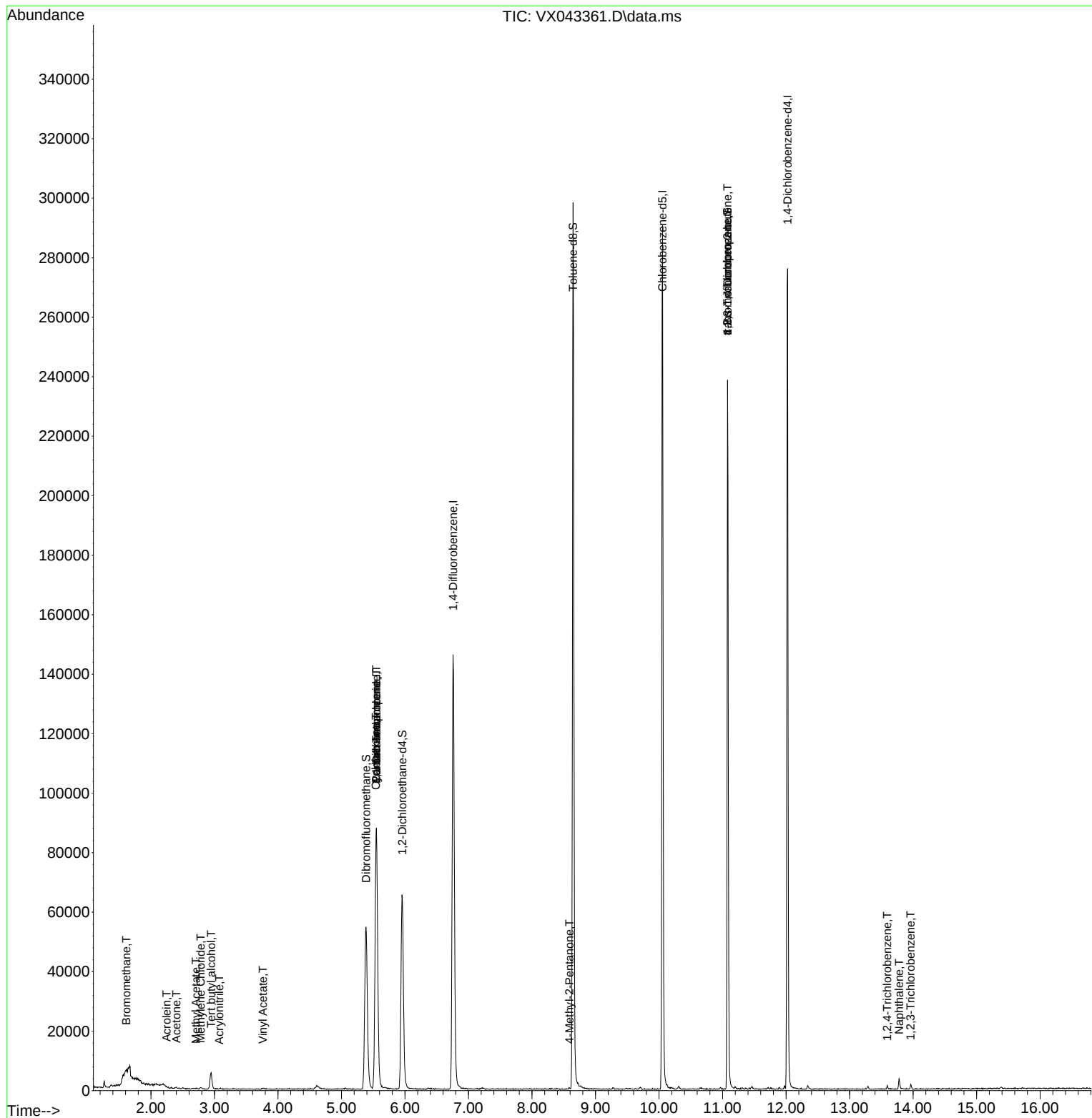
Target Compounds			Qvalue			
5) Bromomethane	1.611	94	292	0.738	ug/l #	68
11) Tert butyl alcohol	2.946	59	3188	12.717	ug/l #	71
13) Acrolein	2.245	56	189	0.798	ug/l	93
15) Acrylonitrile	3.075	53	103	0.201	ug/l #	75
16) Acetone	2.398	43	664	1.207	ug/l #	83
18) Methyl Acetate	2.709	43	404	0.293	ug/l #	51
20) Methylene Chloride	2.782	84	296	0.292	ug/l #	81
23) Vinyl Acetate	3.763	43	496	6.489	ug/l #	71
31) Cyclohexane	5.544	56	2096	1.475	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	7023	5.503	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9142	6.051	ug/l #	15
51) 4-Methyl-2-Pentanone	8.592	43	373	0.243	ug/l #	79
76) 1,2,3-Trichloropropane	11.079	75	35136	27.940	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	35136	72.410	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	363	0.326	ug/l	88
95) Naphthalene	13.780	128	3227	0.788	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	512	0.445	ug/l	99

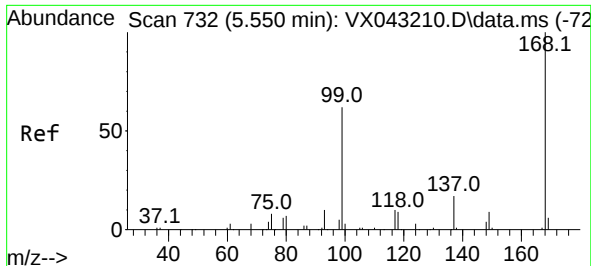
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101124\
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MSVOA_X
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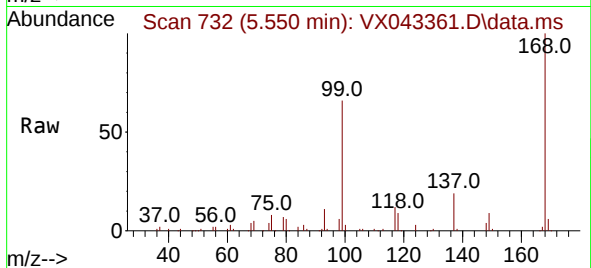
Quant Time: Oct 14 02:45:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



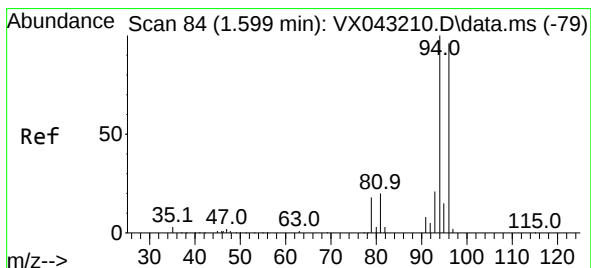
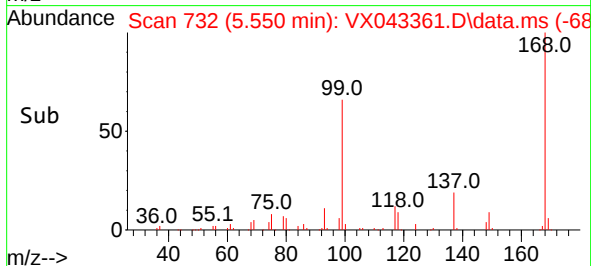
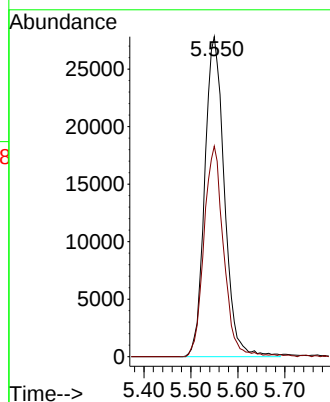


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

Instrument :
MSVOA_X
ClientSampleId :

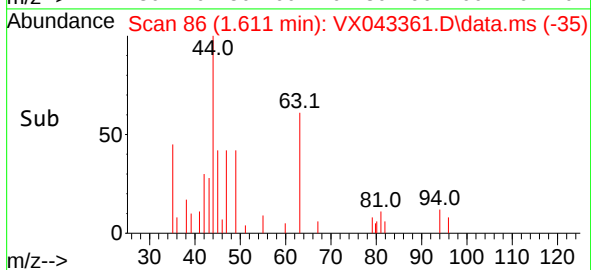
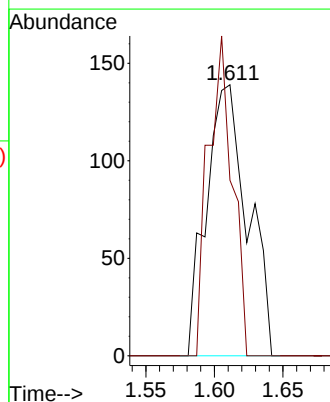
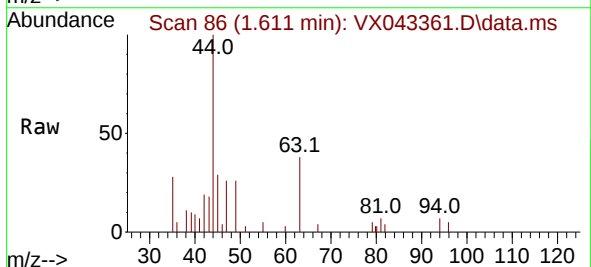


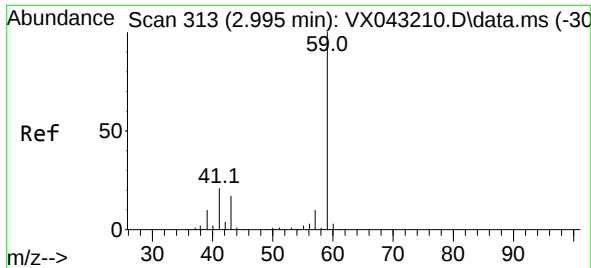
Tgt Ion:168 Resp: 80661
Ion Ratio Lower Upper
168 100
99 65.8 49.7 74.5



#5
Bromomethane
Concen: 0.738 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

Tgt Ion: 94 Resp: 292
Ion Ratio Lower Upper
94 100
96 64.7 76.6 115.0#

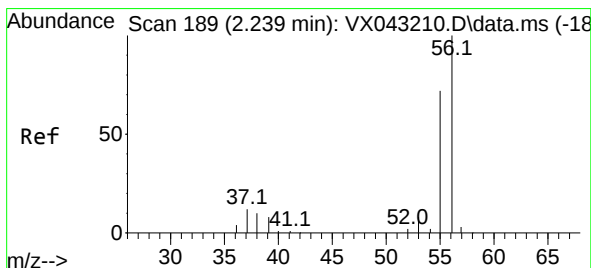
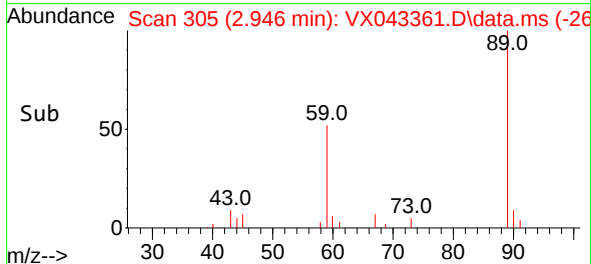
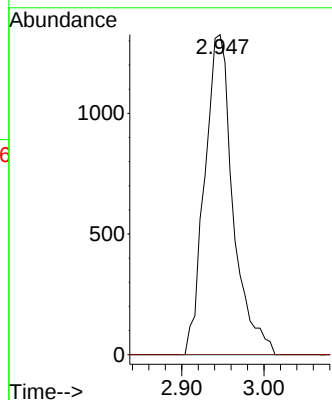
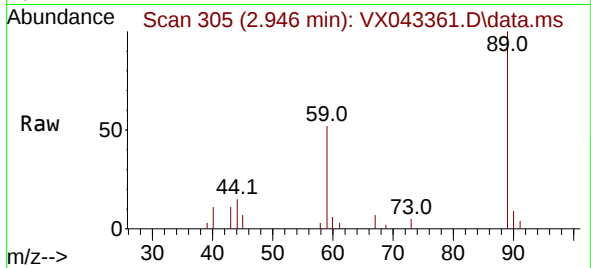




#11
Tert butyl alcohol
Concen: 12.717 ug/l
RT: 2.946 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

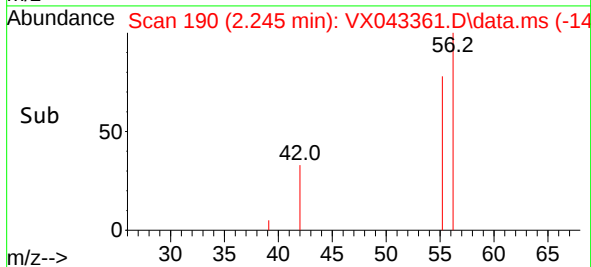
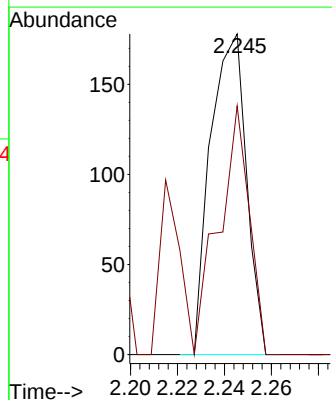
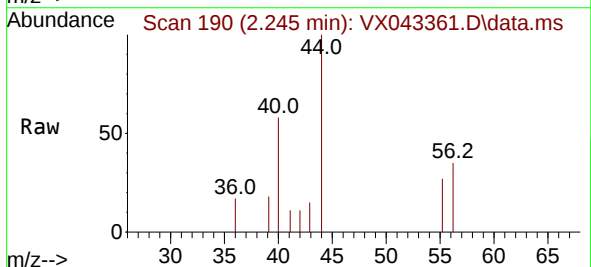
Instrument :
MSVOA_X
ClientSampleId :

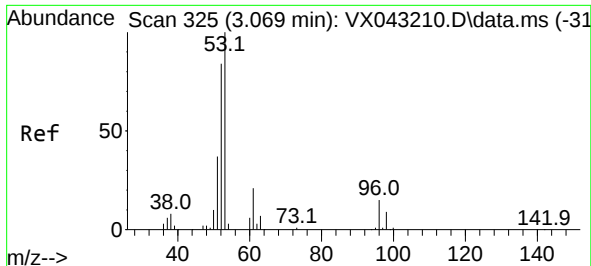
Tgt Ion: 59 Resp: 3188
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.798 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

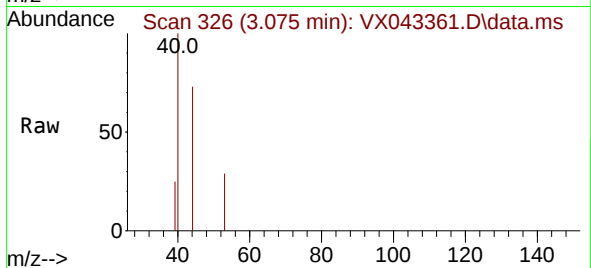
Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 66.1 57.4 86.0



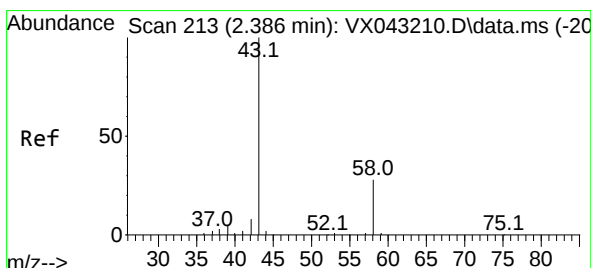
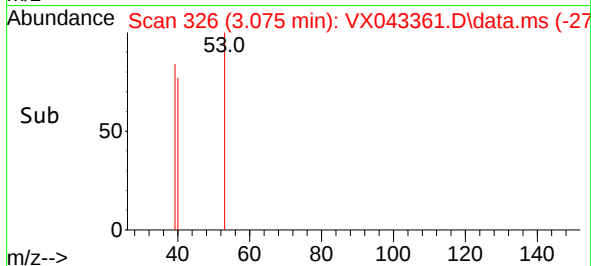
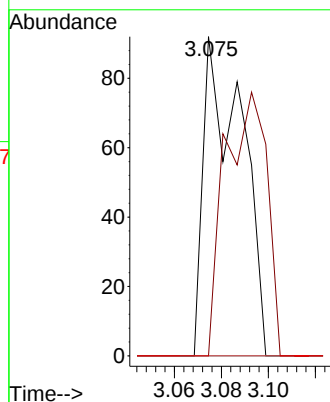


#15
Acrylonitrile
Concen: 0.201 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

Instrument :
MSVOA_X
ClientSampleId :

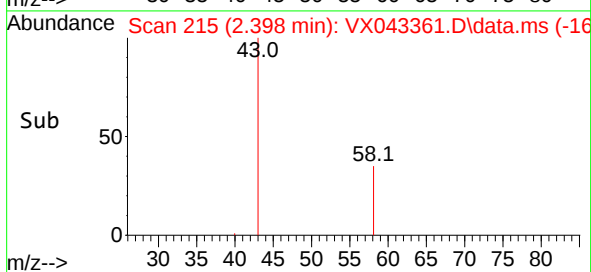
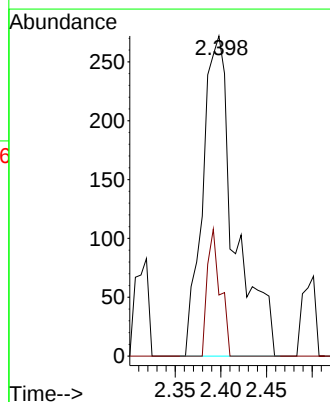
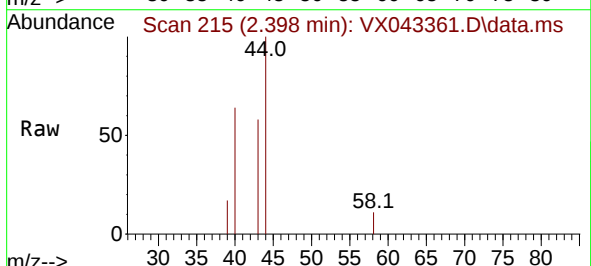


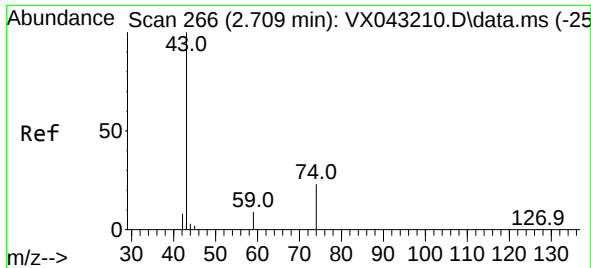
Tgt Ion: 53 Resp: 103
Ion Ratio Lower Upper
53 100
52 91.3 67.6 101.4
51 0.0 30.3 45.5#



#16
Acetone
Concen: 1.207 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
58 19.1 22.6 33.8#

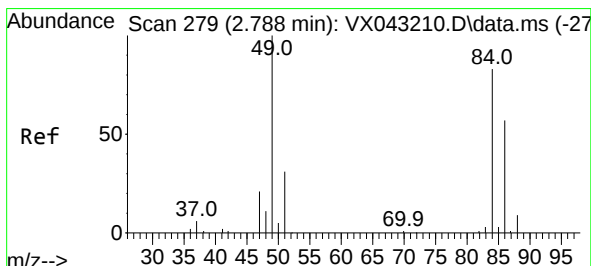
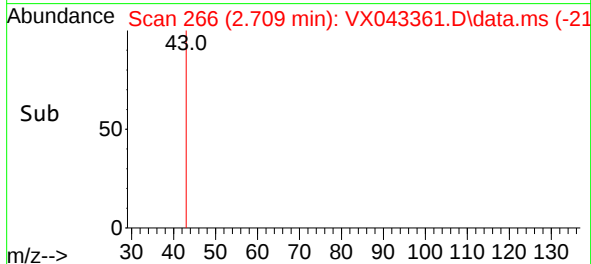
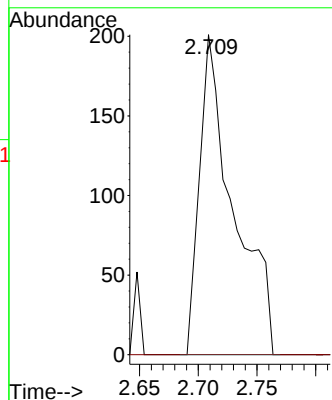
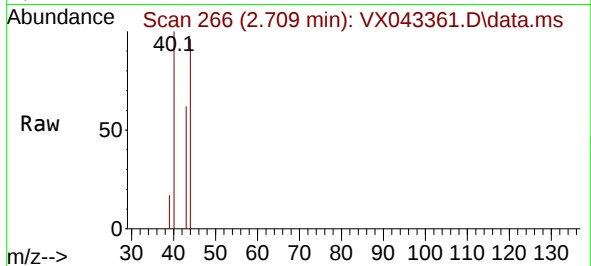




#18
Methyl Acetate
Concen: 0.293 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

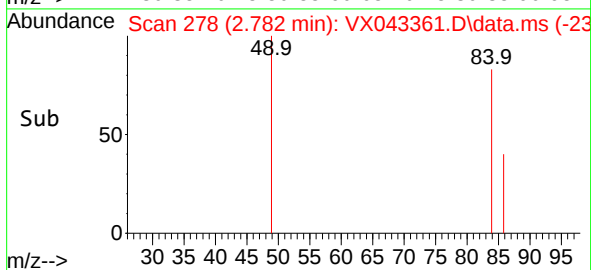
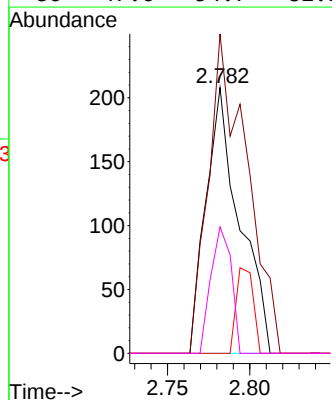
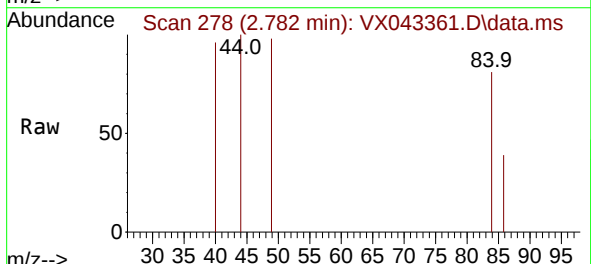
Instrument :
MSVOA_X
ClientSampleId :

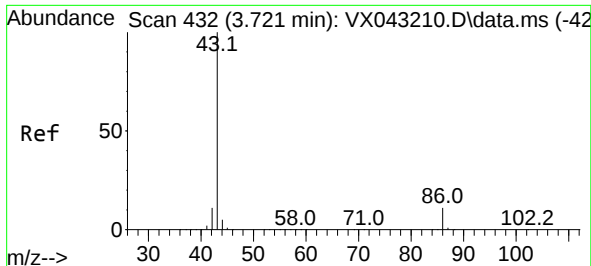
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

Tgt Ion: 84 Resp: 296
Ion Ratio Lower Upper
84 100
49 120.2 96.7 145.1
51 0.0 30.4 45.6#
86 47.6 54.7 82.1#

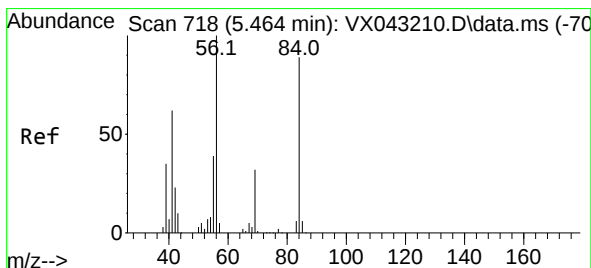
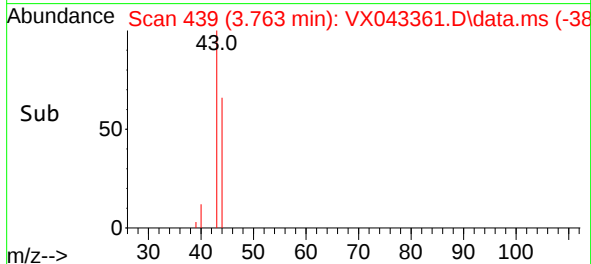
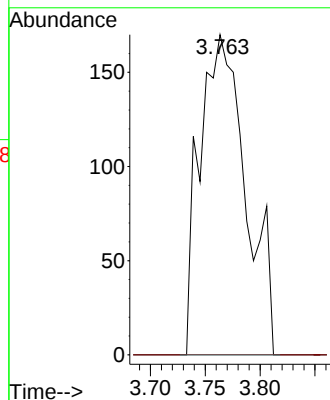
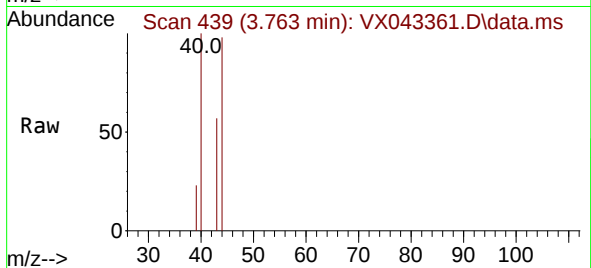




#23
 Vinyl Acetate
 Concen: 6.489 ug/l
 RT: 3.763 min Scan# 41
 Delta R.T. 0.042 min
 Lab File: VX043361.D
 Acq: 11 Oct 2024 12:31

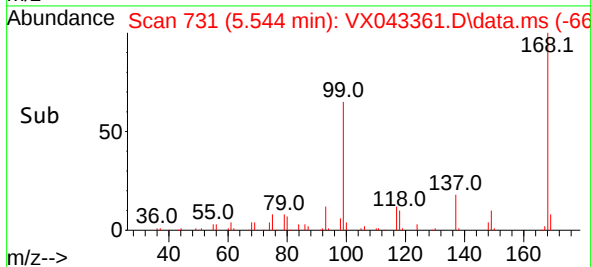
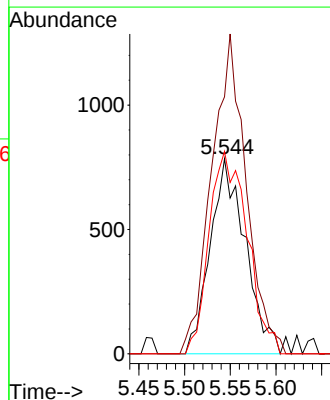
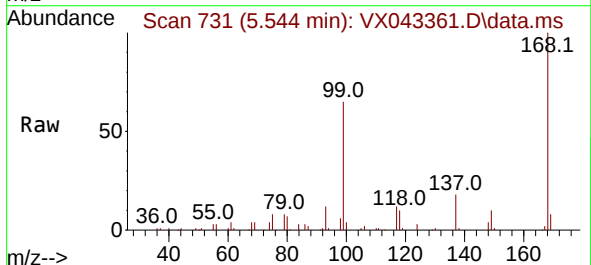
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 43 Resp: 496
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.475 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.079 min
 Lab File: VX043361.D
 Acq: 11 Oct 2024 12:31

Tgt Ion: 56 Resp: 2096
 Ion Ratio Lower Upper
 56 100
 69 131.8 25.8 38.6#
 84 103.8 71.1 106.7





#33

1,2-Dichloroethane-d4

Concen: 51.395 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043361.D

Acq: 11 Oct 2024 12:31

Instrument :

MSVOA_X

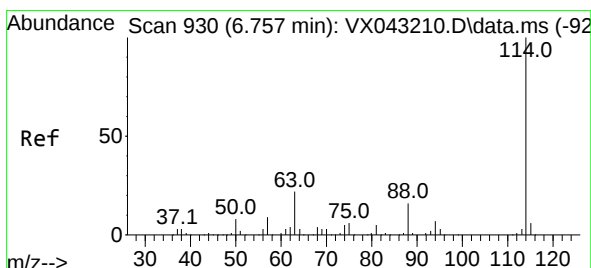
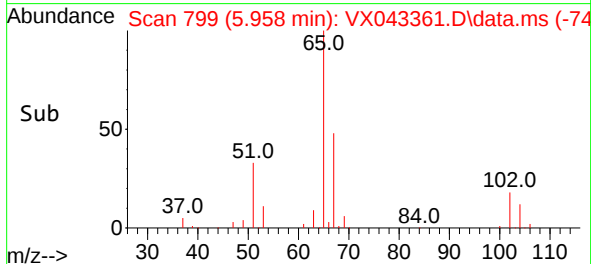
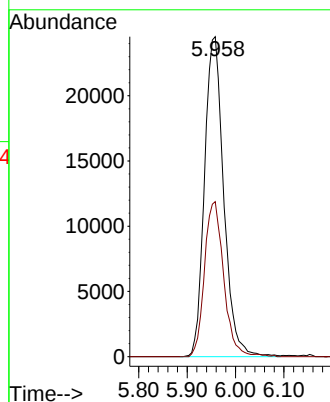
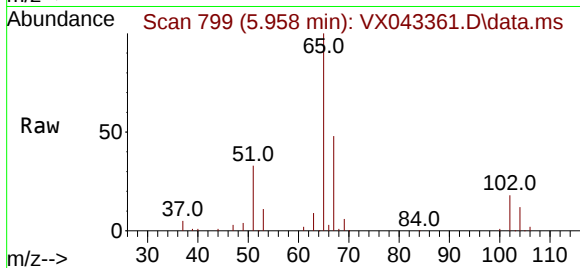
ClientSampleId :

Tgt Ion: 65 Resp: 67703

Ion Ratio Lower Upper

65 100

67 48.5 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: VX043361.D

Acq: 11 Oct 2024 12:31

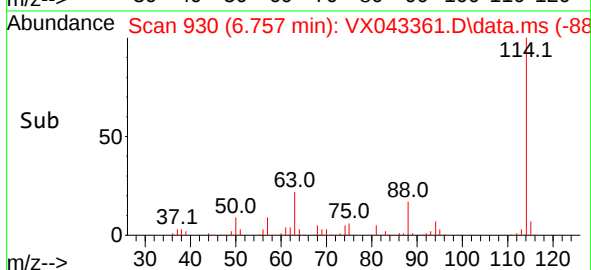
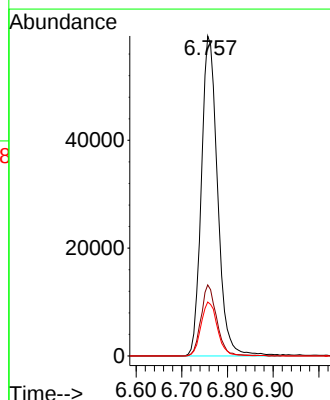
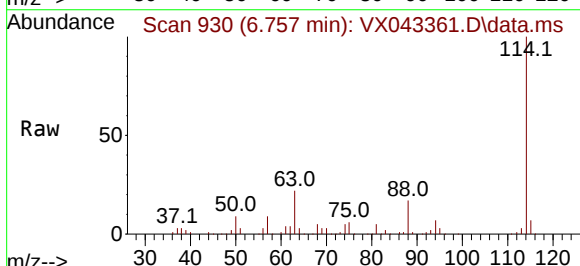
Tgt Ion: 114 Resp: 146478

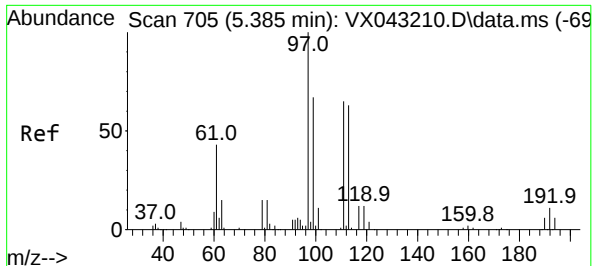
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.0

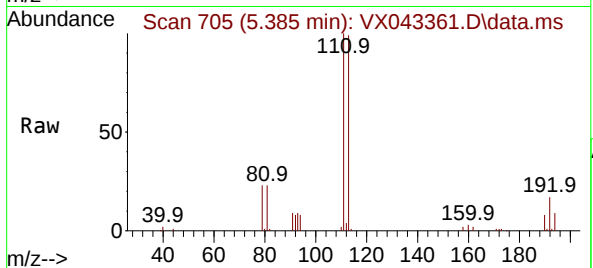
88 16.9 0.0 33.0



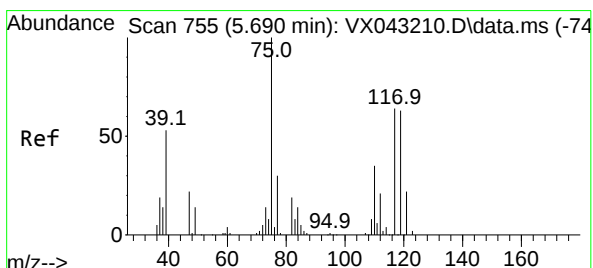
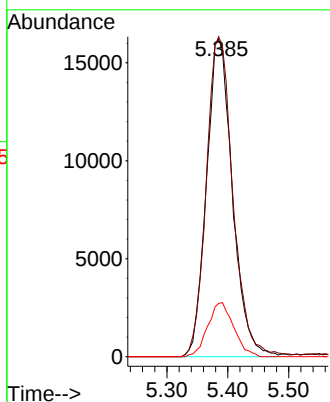
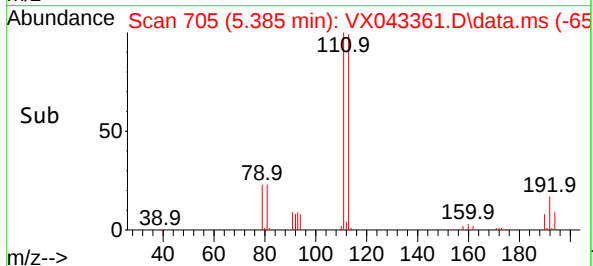


#35
Dibromofluoromethane
Concen: 47.657 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

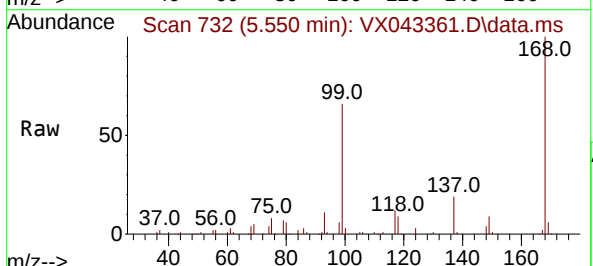
Instrument :
MSVOA_X
ClientSampleId :



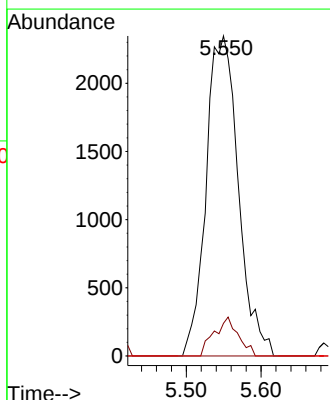
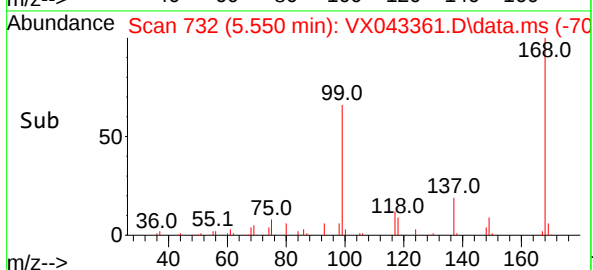
Tgt Ion:113 Resp: 48142
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.0
192 17.0 14.1 21.1

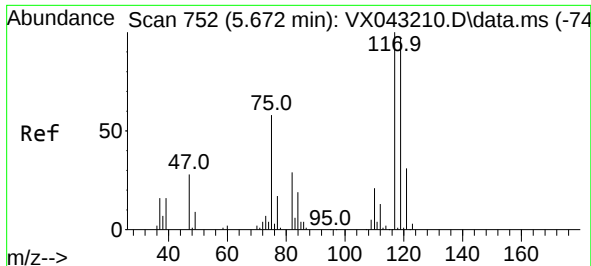


#36
1,1-Dichloropropene
Concen: 5.503 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31



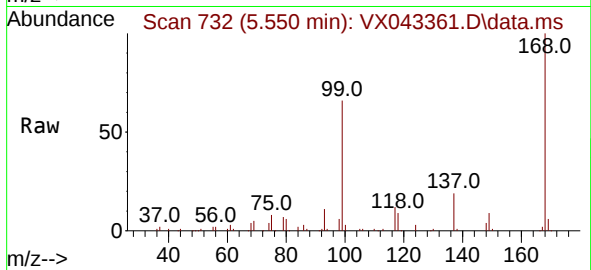
Tgt Ion: 75 Resp: 7023
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 24.9 37.3#



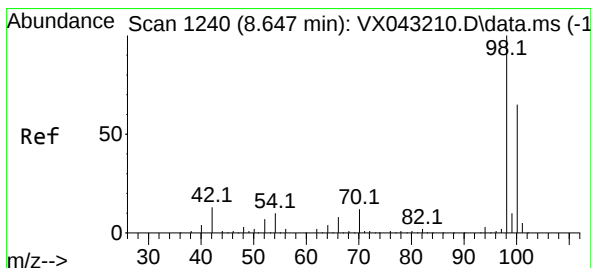
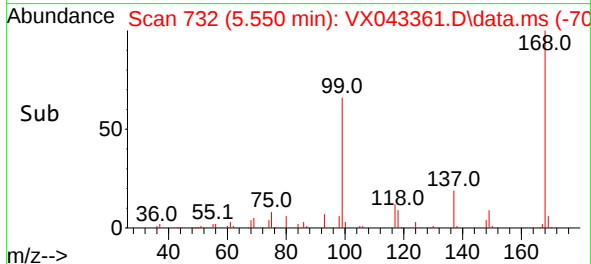
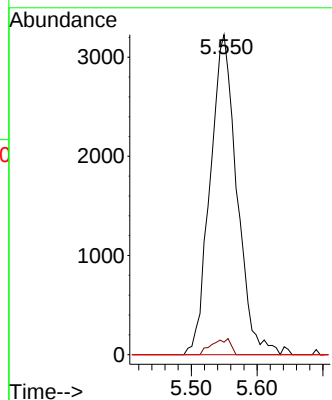


#38
Carbon Tetrachloride
Concen: 6.051 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

Instrument :
MSVOA_X
ClientSampleId :

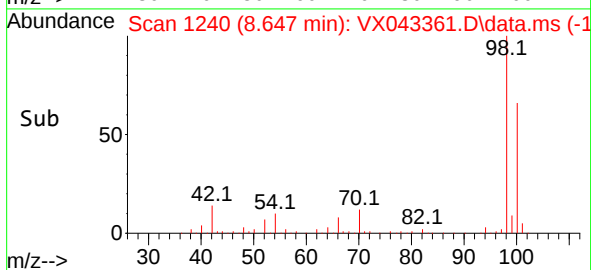
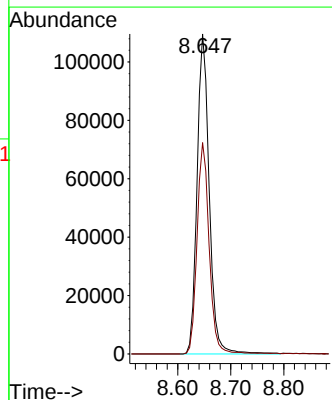
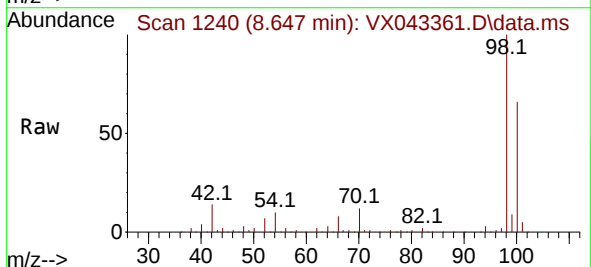


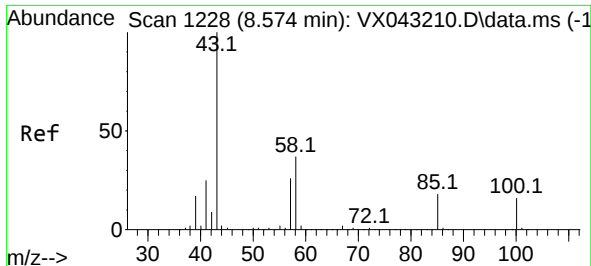
Tgt Ion:117 Resp: 9142
Ion Ratio Lower Upper
117 100
119 3.9 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 49.760 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

Tgt Ion: 98 Resp: 174195
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 0.243 ug/l

RT: 8.592 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX043361.D

Acq: 11 Oct 2024 12:31

Instrument :

MSVOA_X

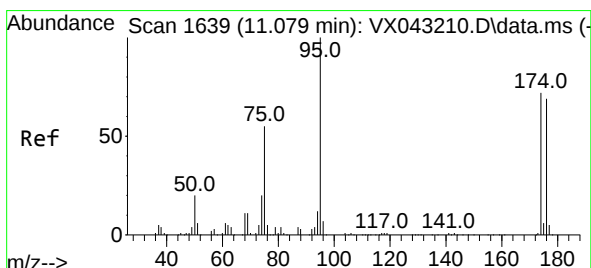
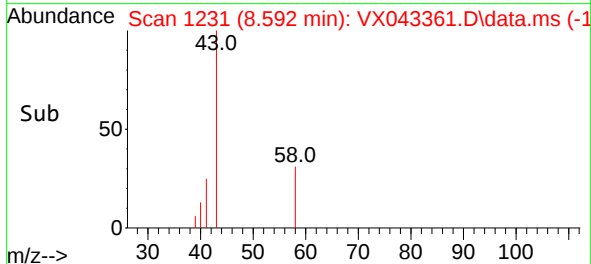
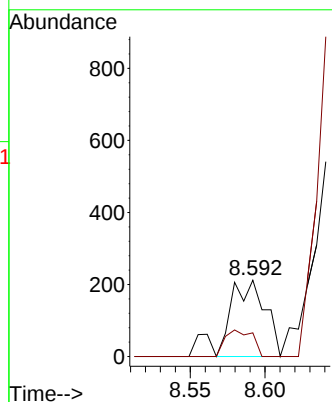
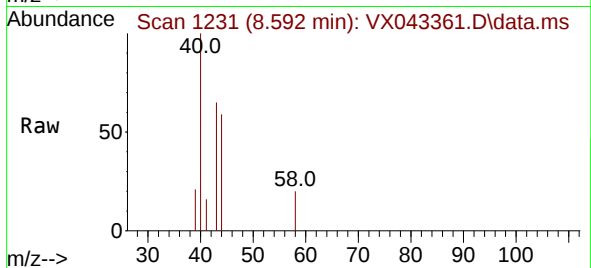
ClientSampleId :

Tgt Ion: 43 Resp: 373

Ion Ratio Lower Upper

43 100

58 25.2 30.0 45.0#



#62

4-Bromofluorobenzene

Concen: 49.789 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043361.D

Acq: 11 Oct 2024 12:31

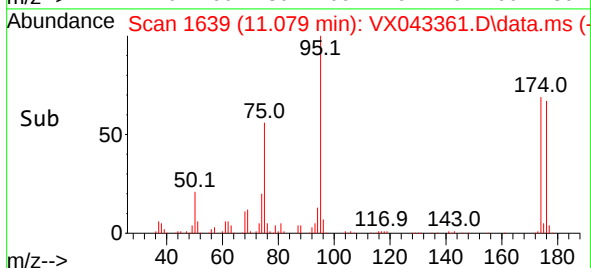
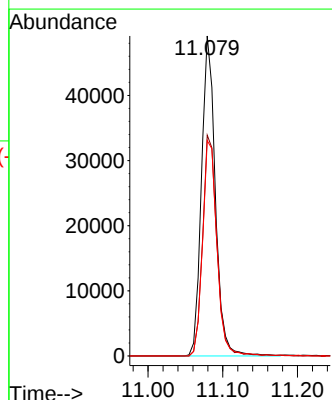
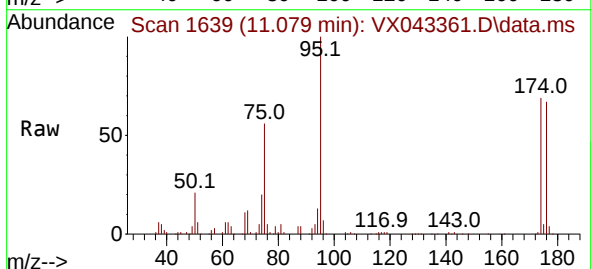
Tgt Ion: 95 Resp: 63321

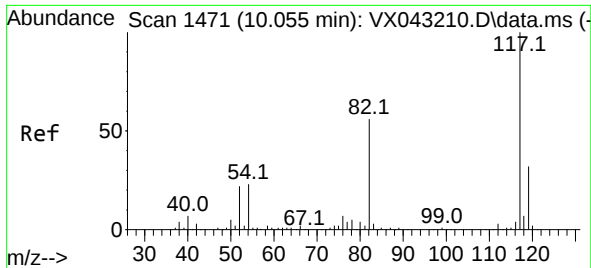
Ion Ratio Lower Upper

95 100

174 70.8 0.0 145.0

176 69.6 0.0 143.0

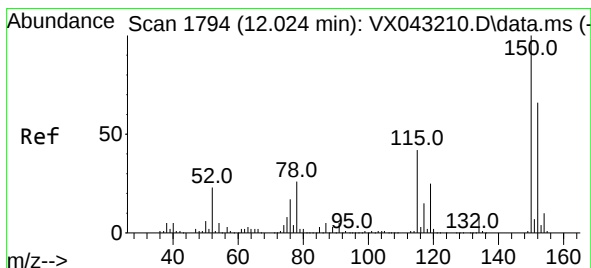
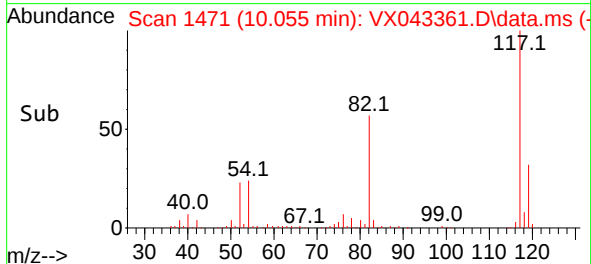
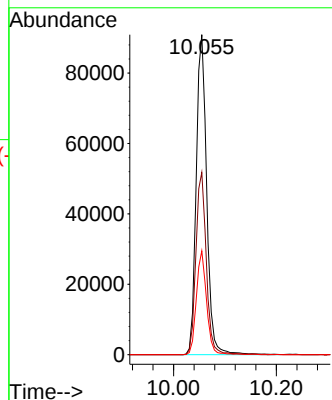
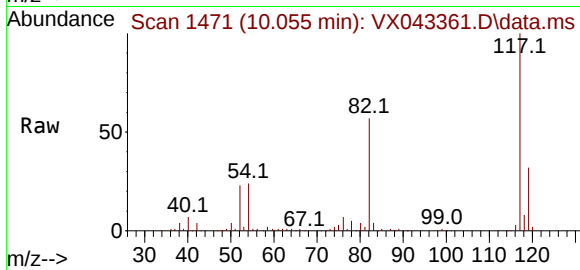




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

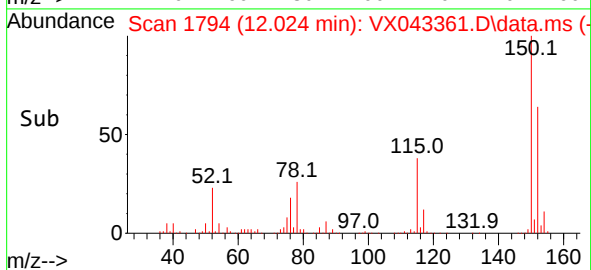
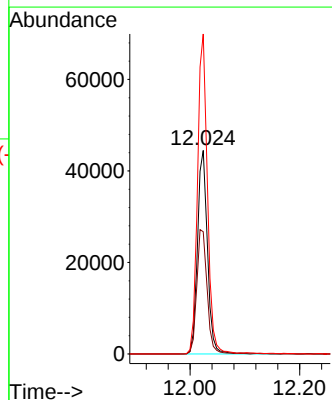
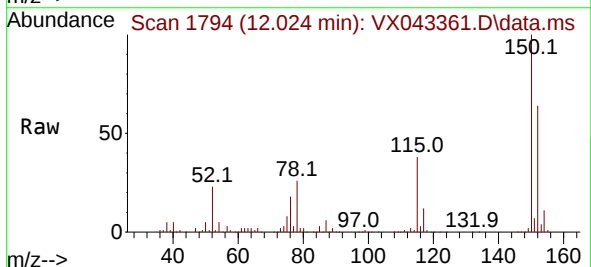
Instrument :
MSVOA_X
ClientSampleId :

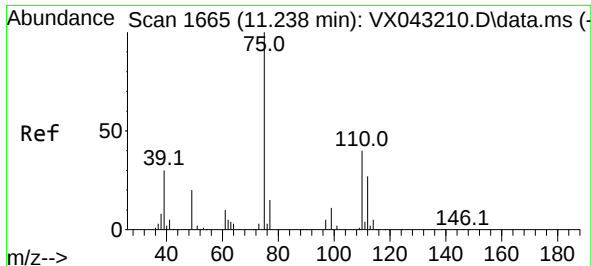
Tgt Ion:117 Resp: 129255
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.6
119 32.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

Tgt Ion:152 Resp: 56695
Ion Ratio Lower Upper
152 100
115 63.1 44.1 132.3
150 155.7 0.0 347.4

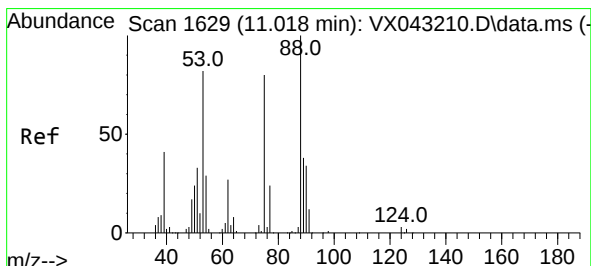
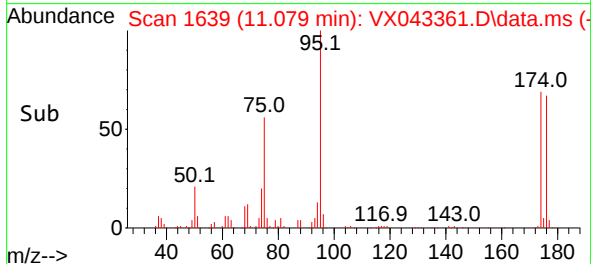
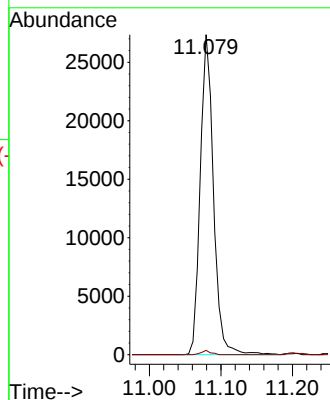
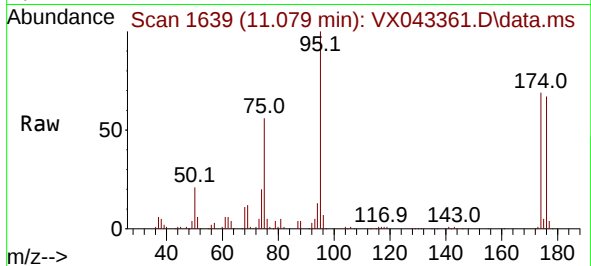




#76
1,2,3-Trichloropropane
Concen: 27.940 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

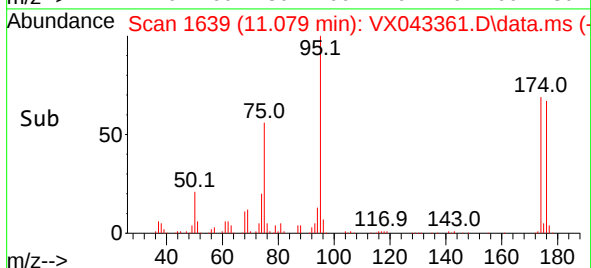
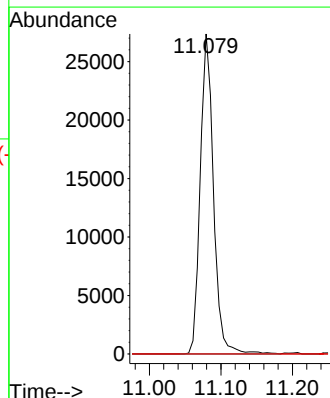
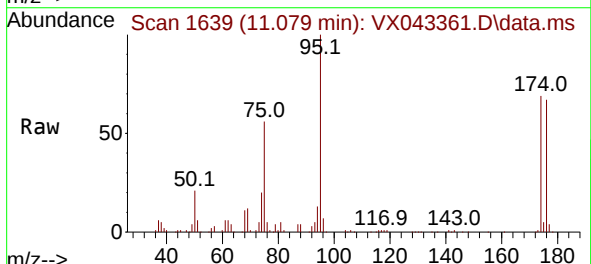
Instrument :
MSVOA_X
ClientSampleId :

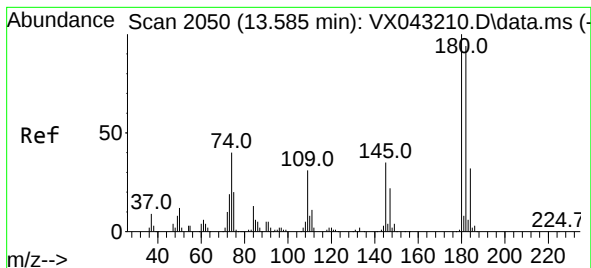
Tgt Ion: 75 Resp: 35136
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.410 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043361.D
Acq: 11 Oct 2024 12:31

Tgt Ion: 75 Resp: 35136
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.326 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043361.D

Acq: 11 Oct 2024 12:31

Instrument :

MSVOA_X

ClientSampleId :

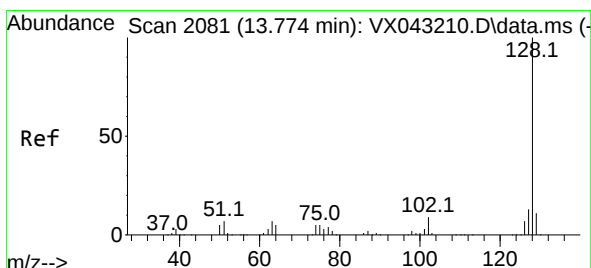
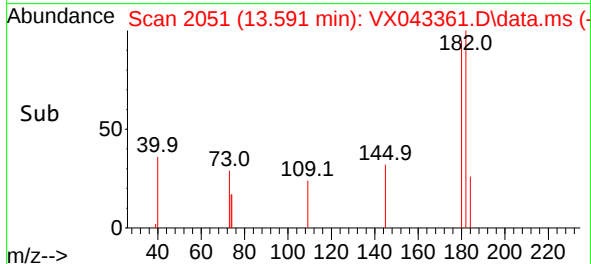
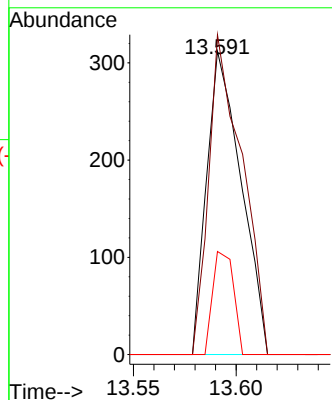
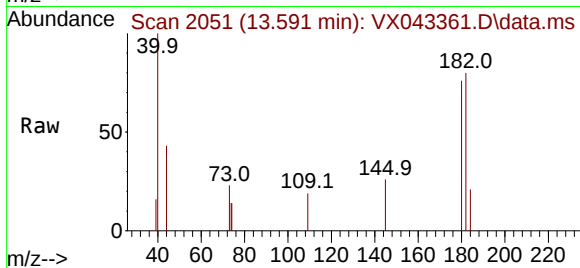
Tgt Ion:180 Resp: 363

Ion Ratio Lower Upper

180 100

182 102.5 47.1 141.3

145 20.7 16.6 49.8



#95

Naphthalene

Concen: 0.788 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX043361.D

Acq: 11 Oct 2024 12:31

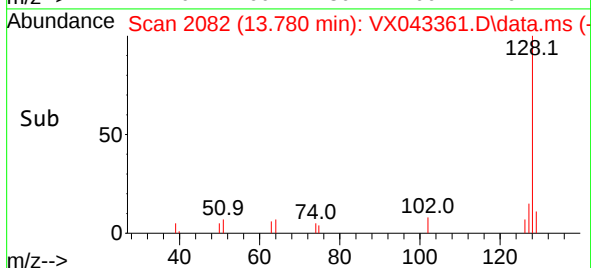
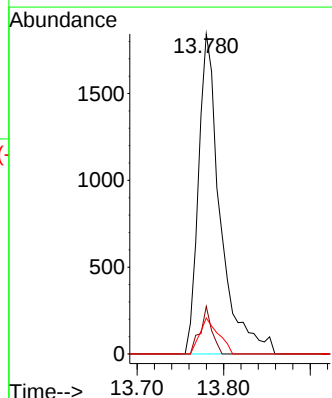
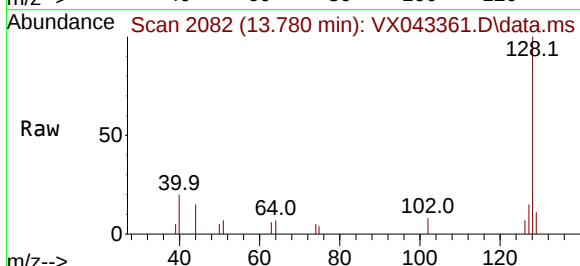
Tgt Ion:128 Resp: 3227

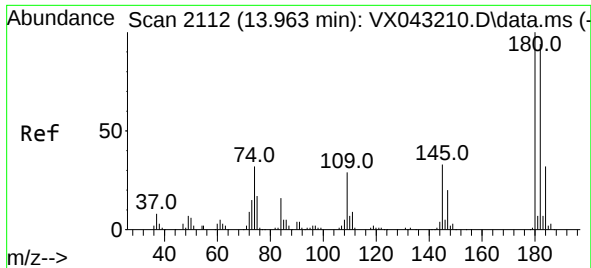
Ion Ratio Lower Upper

128 100

127 7.9 10.2 15.2#

129 9.6 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.445 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

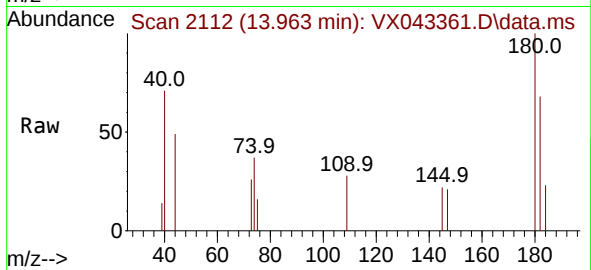
Lab File: VX043361.D

Acq: 11 Oct 2024 12:31

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 512

Ion Ratio Lower Upper

180 100

182 92.2 46.5 139.3

145 35.7 17.2 51.6

