

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043436.D
 Acq On : 18 Oct 2024 15:55
 Operator : JC/MD
 Sample : P4438-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 23:21:56 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)

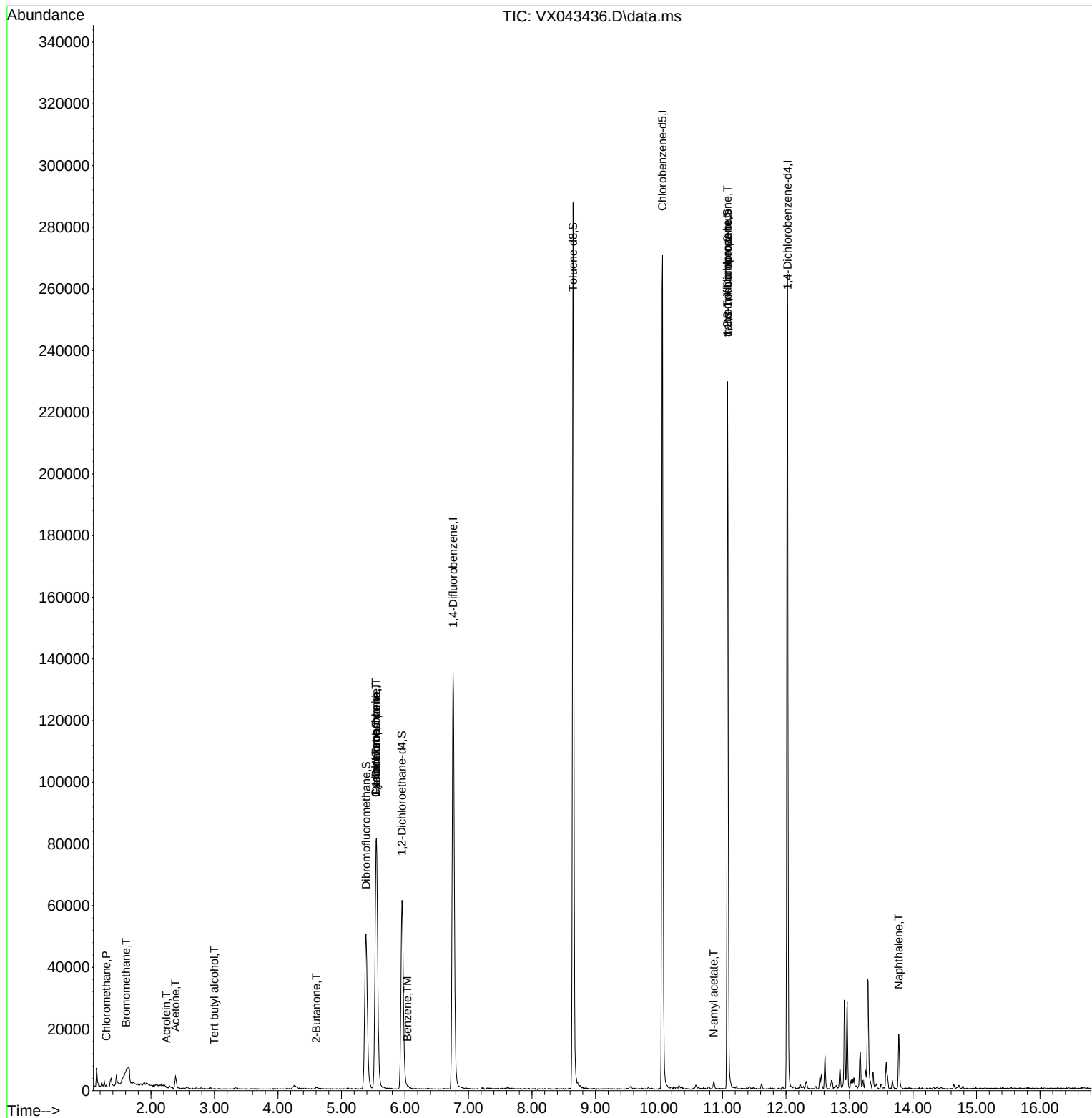
Internal Standards						
1) Pentafluorobenzene	5.550	168	73471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63805	53.176	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.360%	
35) Dibromofluoromethane	5.385	113	45171	47.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.200%	
50) Toluene-d8	8.647	98	166970	50.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	11.079	95	61531	51.499	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	229	0.260	ug/l #	85
5) Bromomethane	1.605	94	131	0.364	ug/l #	56
11) Tert butyl alcohol	2.995	59	109	0.477	ug/l #	71
13) Acrolein	2.240	56	78	0.362	ug/l #	35
16) Acetone	2.386	43	4415	8.811	ug/l	99
25) 2-Butanone	4.605	43	440	0.640	ug/l	98
31) Cyclohexane	5.544	56	1687	1.303	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	6487	5.411	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8145	5.739	ug/l #	16
40) Benzene	6.038	78	937	0.258	ug/l	92
74) N-amyl acetate	10.860	43	418	0.210	ug/l #	7
76) 1,2,3-Trichloropropane	11.079	75	33053	27.613	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33053	71.564	ug/l #	8
95) Naphthalene	13.774	128	11720	3.006	ug/l	98

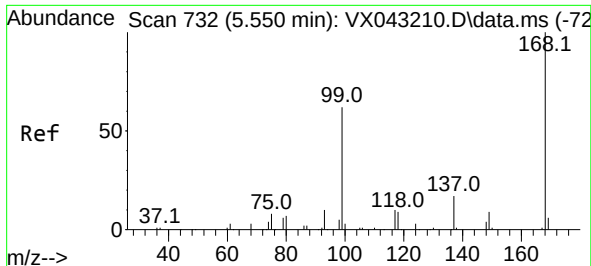
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
Data File : VX043436.D
Acq On : 18 Oct 2024 15:55
Operator : JC/MD
Sample : P4438-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

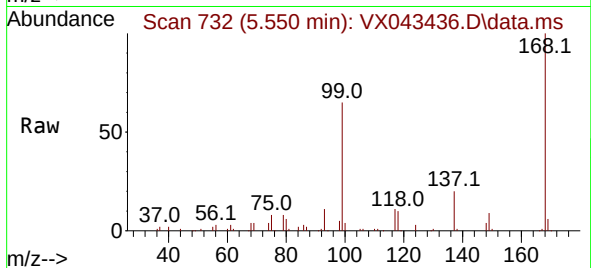
Quant Time: Oct 18 23:21:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



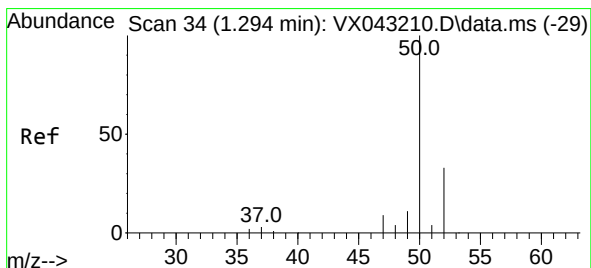
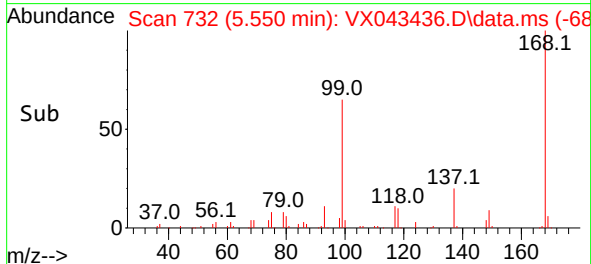
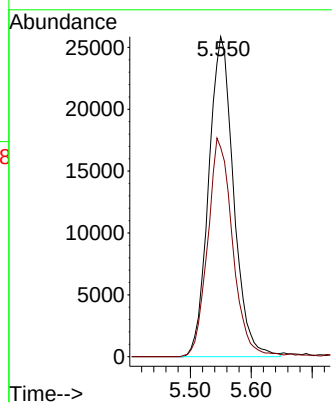


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :

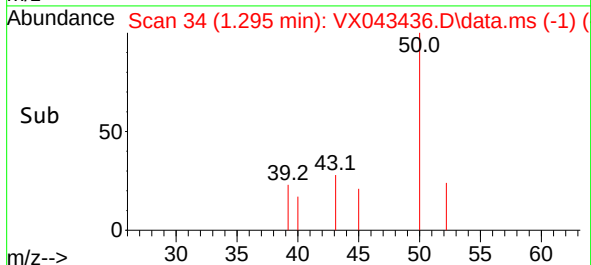
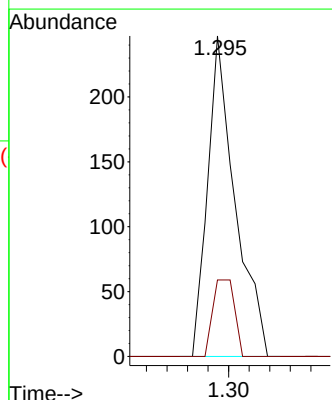
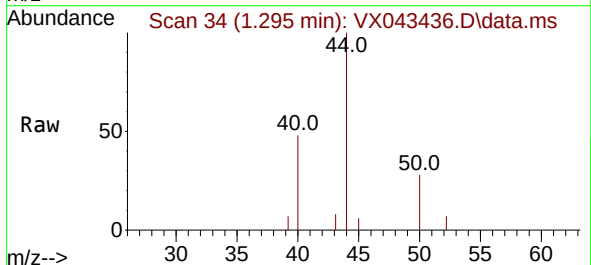


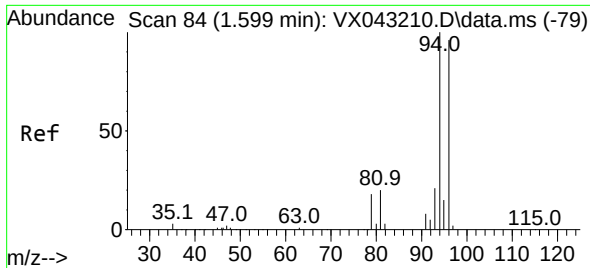
Tgt Ion:168 Resp: 73471
Ion Ratio Lower Upper
168 100
99 65.4 49.7 74.5



#3
Chloromethane
Concen: 0.260 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Tgt Ion: 50 Resp: 229
Ion Ratio Lower Upper
50 100
52 23.9 26.1 39.1#

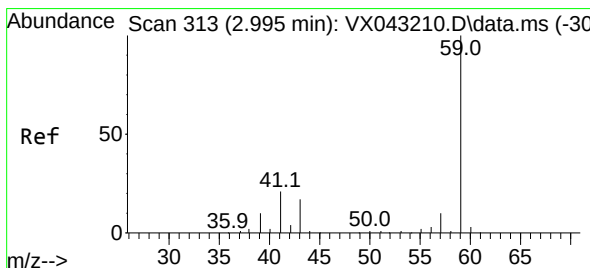
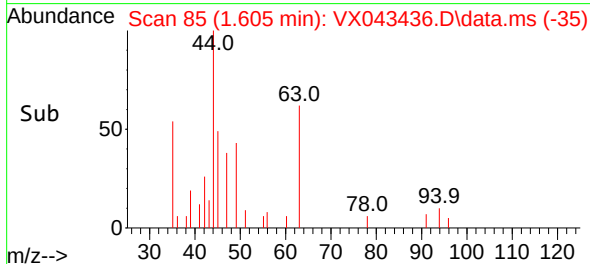
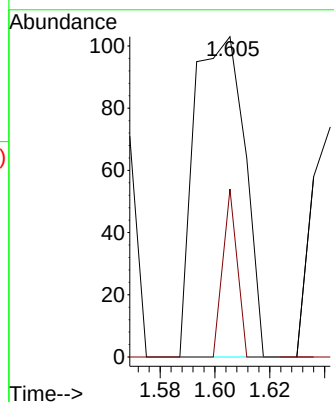
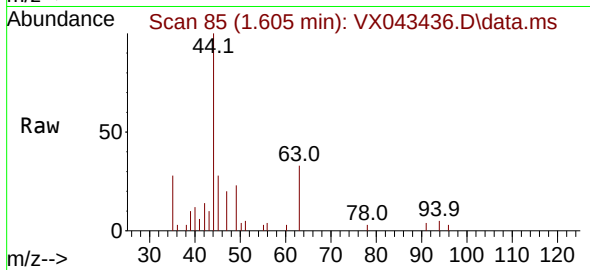




#5
Bromomethane
Concen: 0.364 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

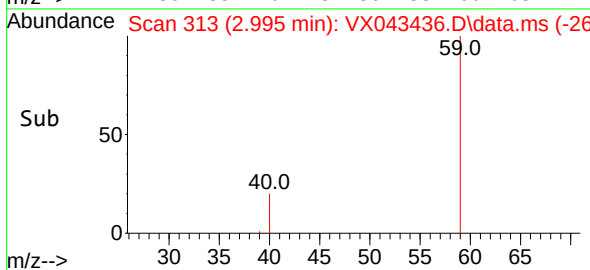
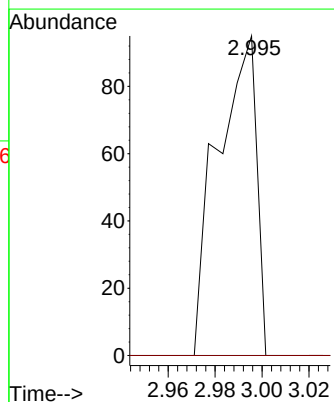
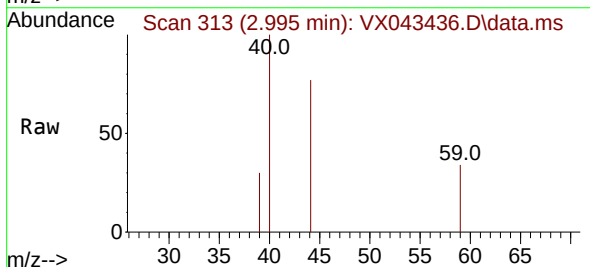
Instrument :
MSVOA_X
ClientSampleId :

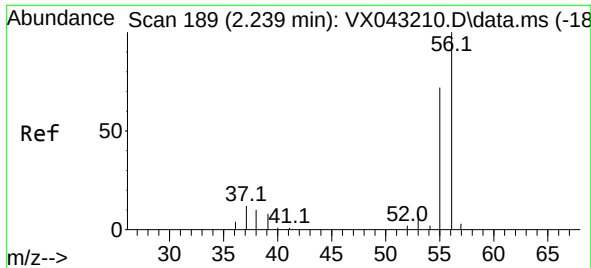
Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 52.4 76.6 115.0#



#11
Tert butyl alcohol
Concen: 0.477 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

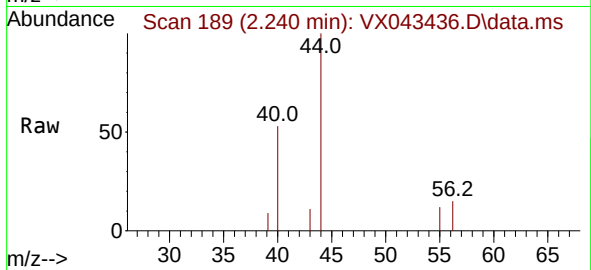
Tgt Ion: 59 Resp: 109
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



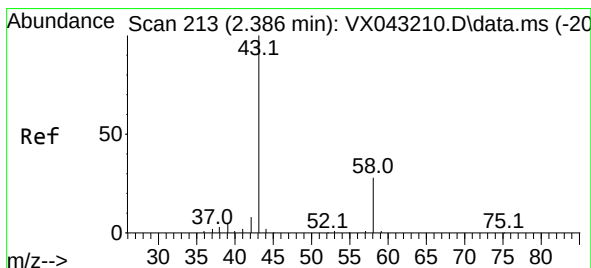
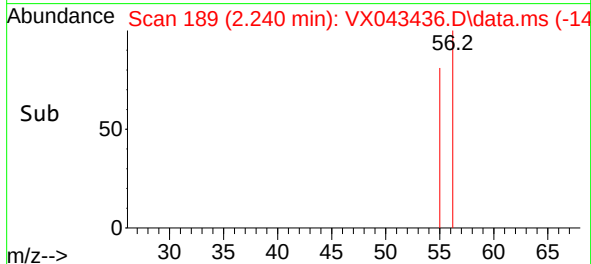
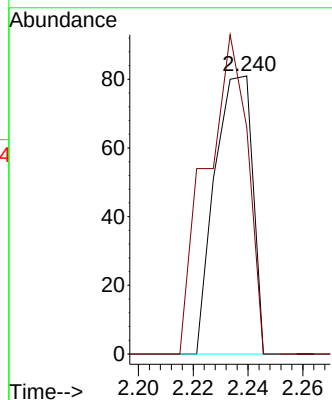


#13
Acrolein
Concen: 0.362 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :

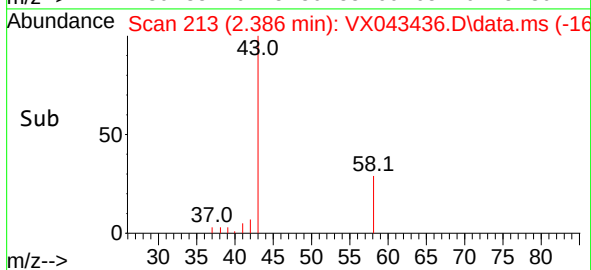
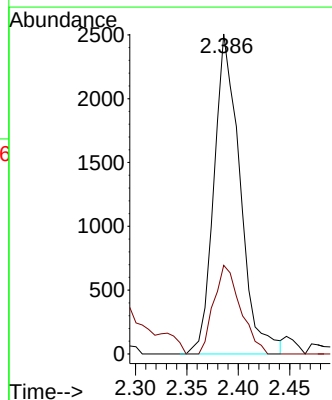
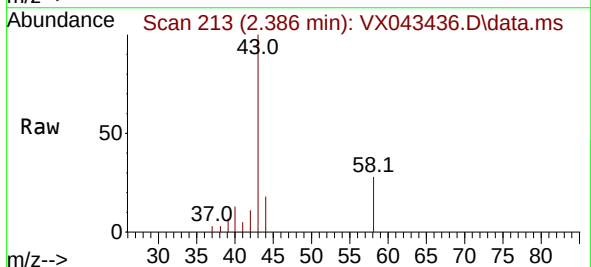


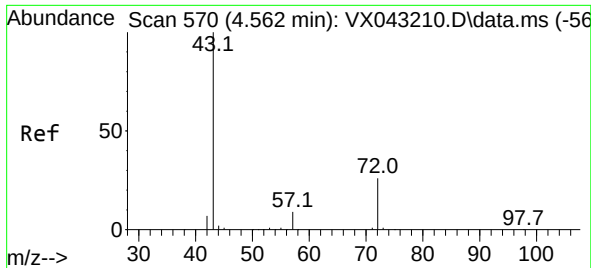
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 125.6 57.4 86.0#



#16
Acetone
Concen: 8.811 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Tgt Ion: 43 Resp: 4415
Ion Ratio Lower Upper
43 100
58 27.7 22.6 33.8

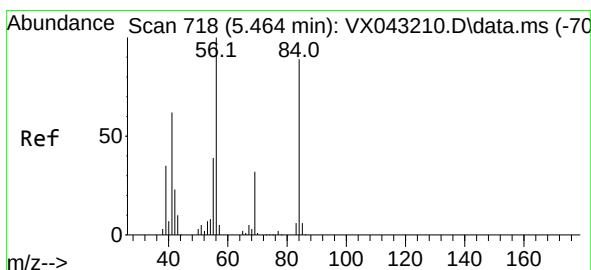
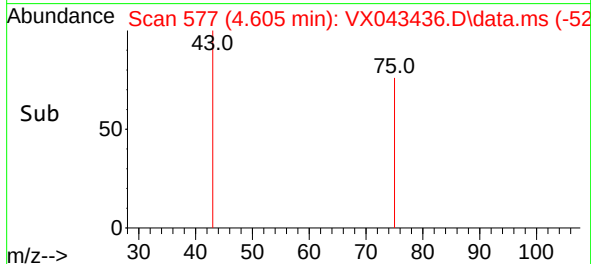
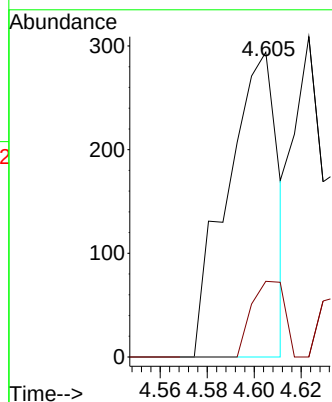
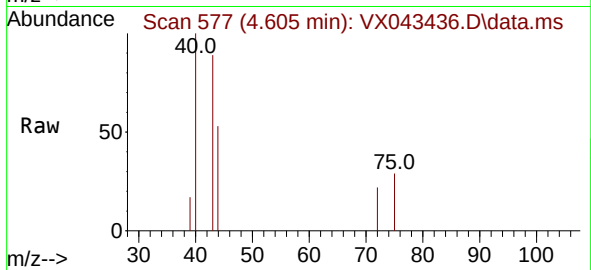




#25
2-Butanone
Concen: 0.640 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

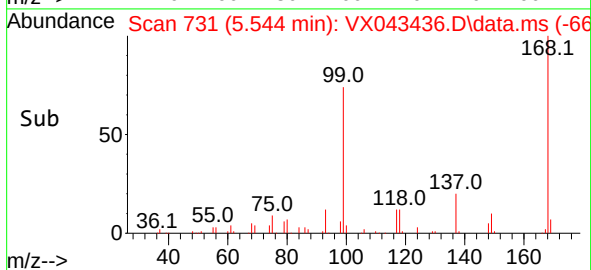
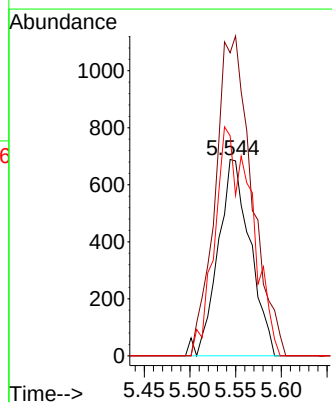
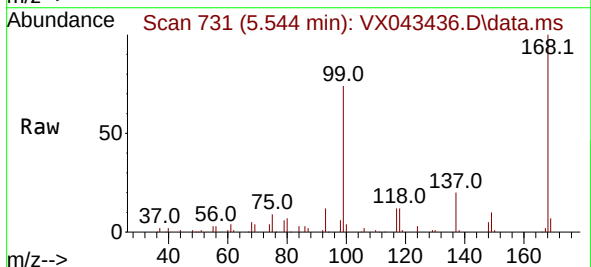
Instrument :
MSVOA_X
ClientSampleId :

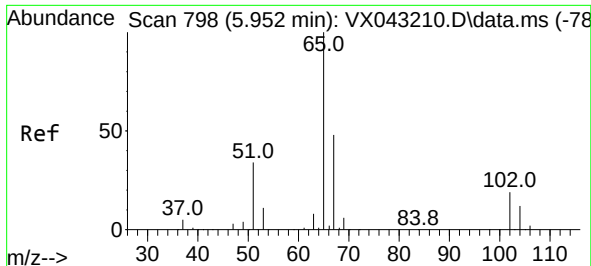
Tgt Ion: 43 Resp: 440
Ion Ratio Lower Upper
43 100
72 24.8 20.6 31.0



#31
Cyclohexane
Concen: 1.303 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Tgt Ion: 56 Resp: 1687
Ion Ratio Lower Upper
56 100
69 154.3 25.8 38.6#
84 112.0 71.1 106.7#

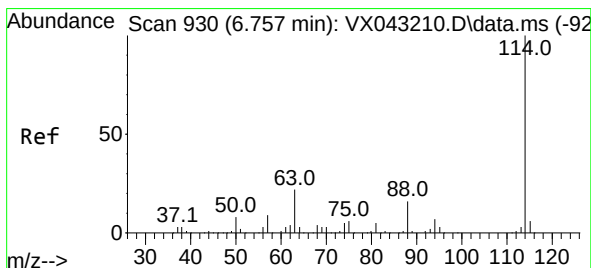
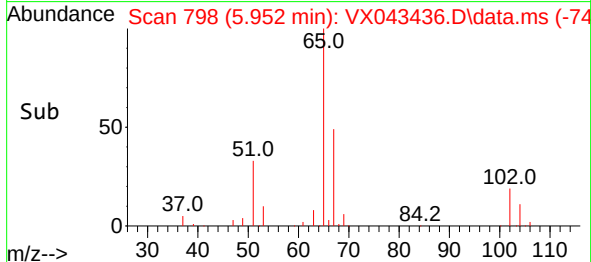
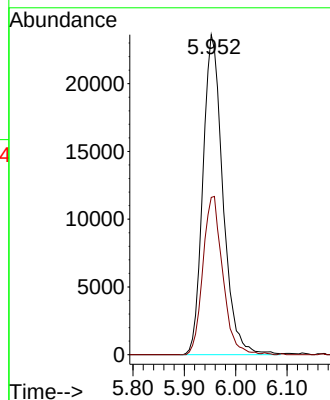
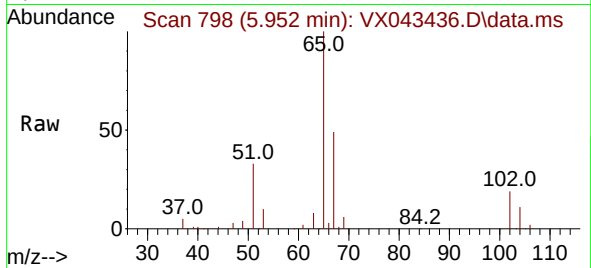




#33
 1,2-Dichloroethane-d4
 Concen: 53.176 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX043436.D
 Acq: 18 Oct 2024 15:55

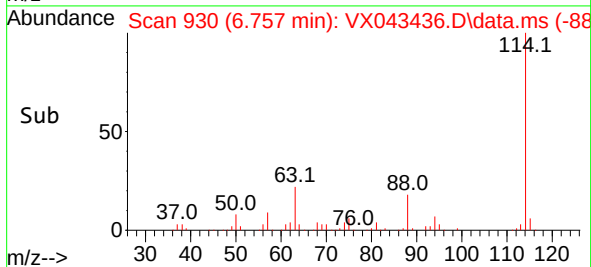
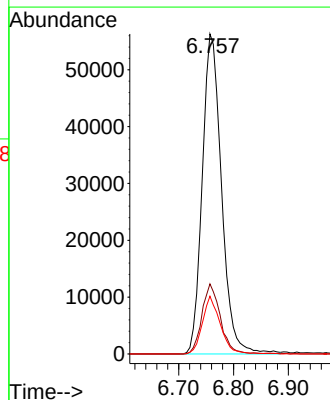
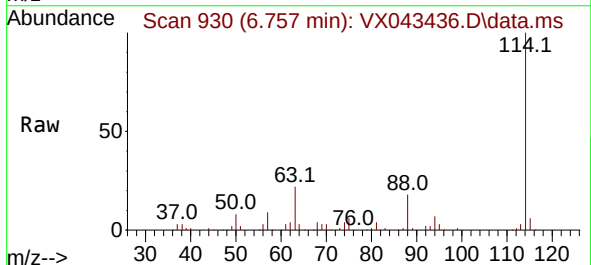
Instrument :
 MSVOA_X
 ClientSampleId :

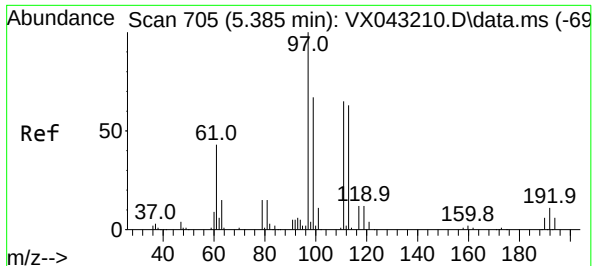
Tgt Ion: 65 Resp: 63805
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX043436.D
 Acq: 18 Oct 2024 15:55

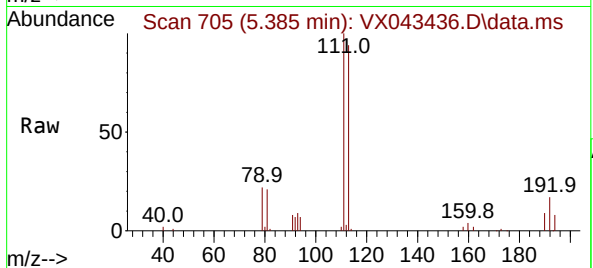
Tgt Ion: 114 Resp: 137611
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.0
 88 18.0 0.0 33.0



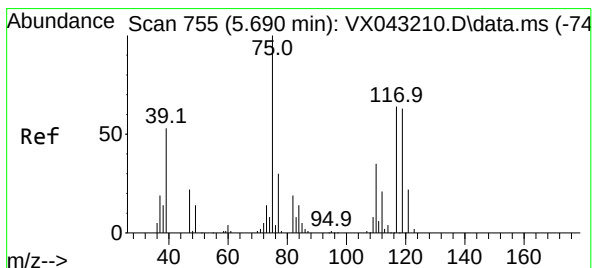
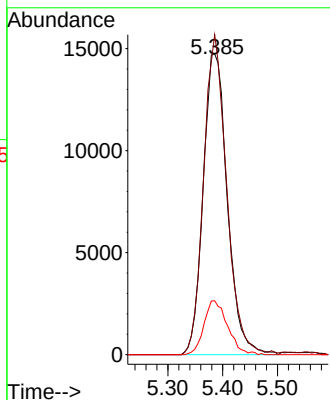
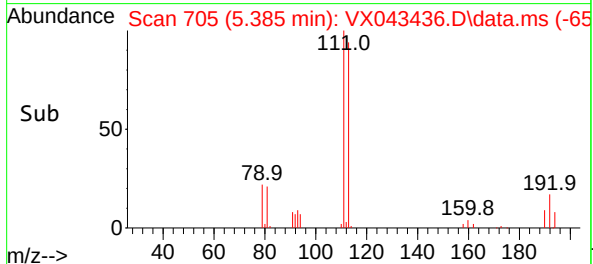


#35
 Dibromofluoromethane
 Concen: 47.598 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX043436.D
 Acq: 18 Oct 2024 15:55

Instrument :
 MSVOA_X
 ClientSampleId :

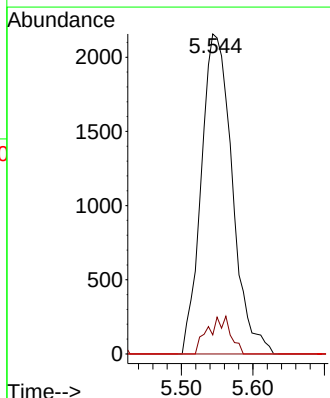
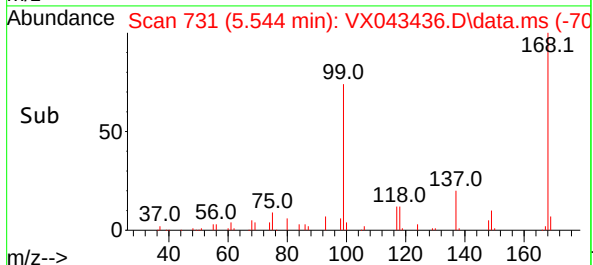
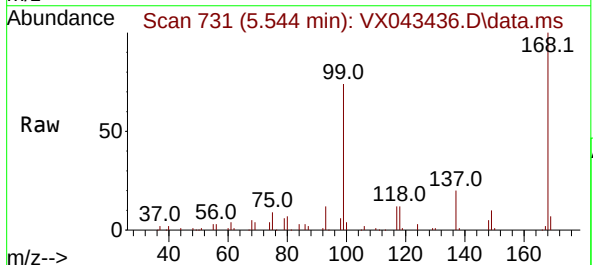


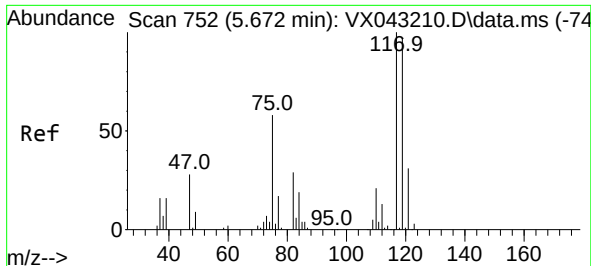
Tgt Ion:113 Resp: 45171
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.4 125.0
 192 17.5 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 5.411 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.146 min
 Lab File: VX043436.D
 Acq: 18 Oct 2024 15:55

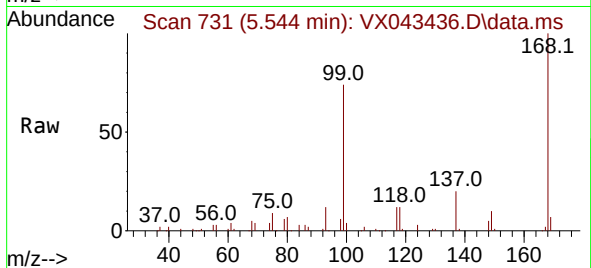
Tgt Ion: 75 Resp: 6487
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.8 53.3#
 77 0.0 24.9 37.3#



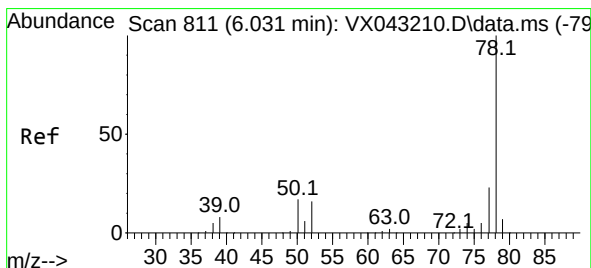
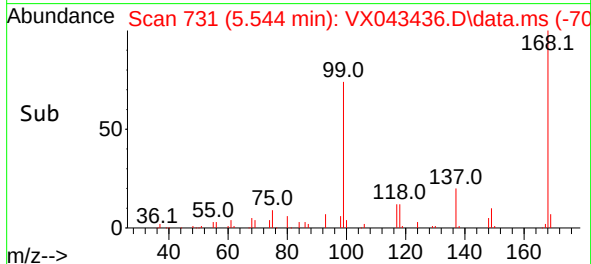
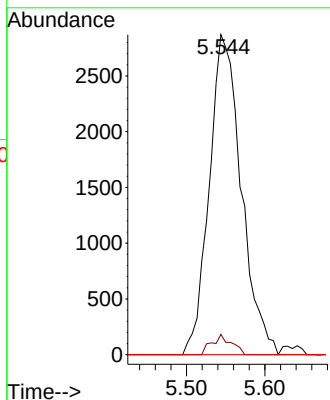


#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :

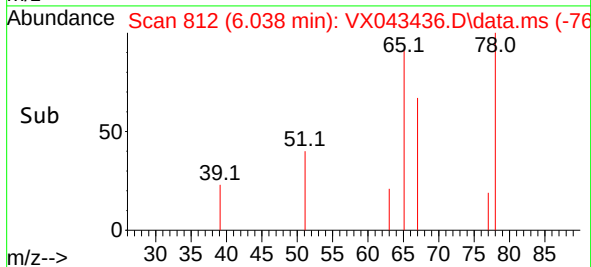
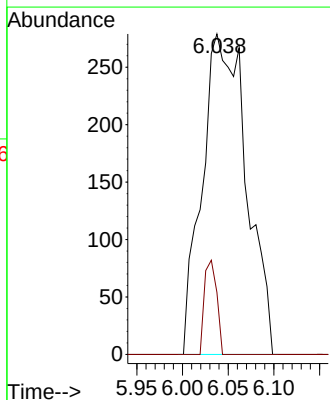
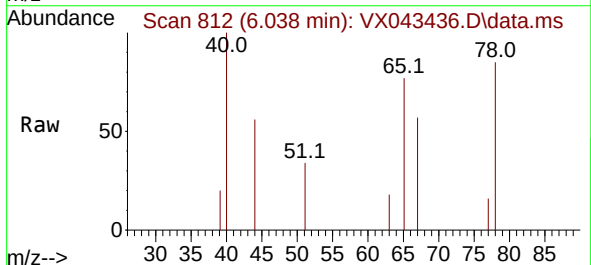


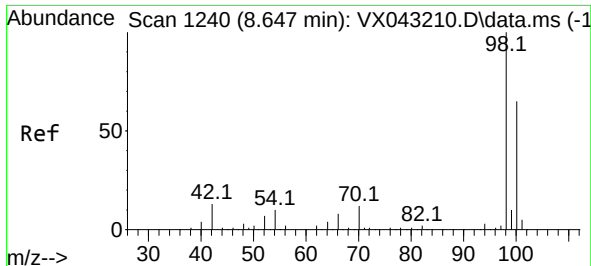
Tgt Ion:117 Resp: 8145
Ion Ratio Lower Upper
117 100
119 6.3 77.7 116.5#
121 0.0 24.3 36.5#



#40
Benzene
Concen: 0.258 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Tgt Ion: 78 Resp: 937
Ion Ratio Lower Upper
78 100
77 19.4 18.8 28.2

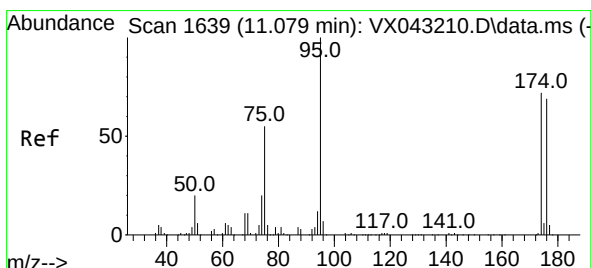
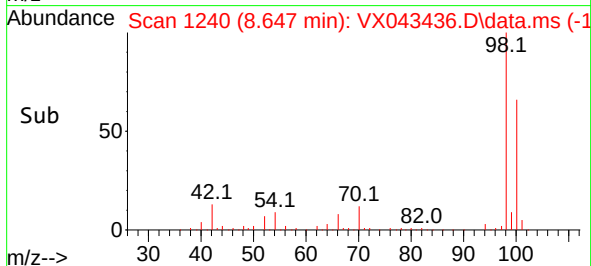
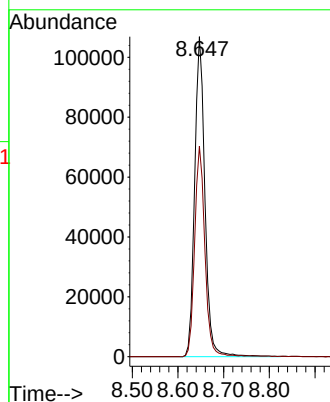
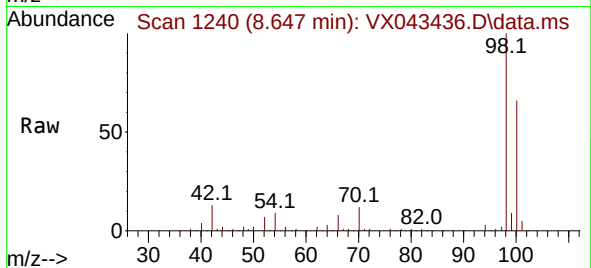




#50
Toluene-d8
Concen: 50.769 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

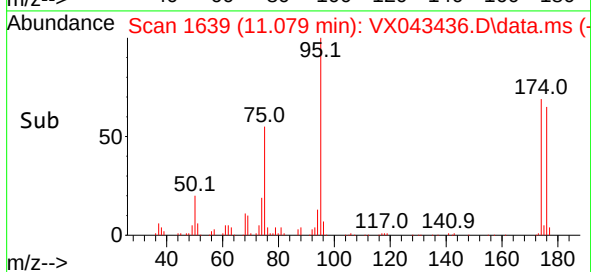
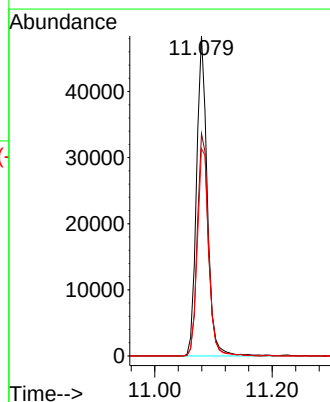
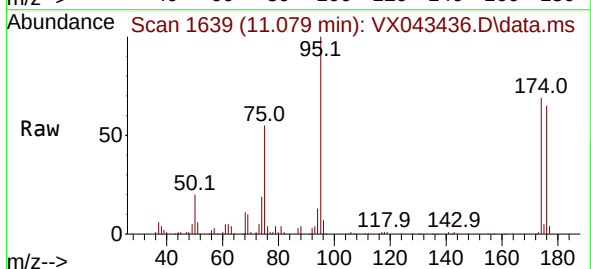
Instrument :
MSVOA_X
ClientSampleId :

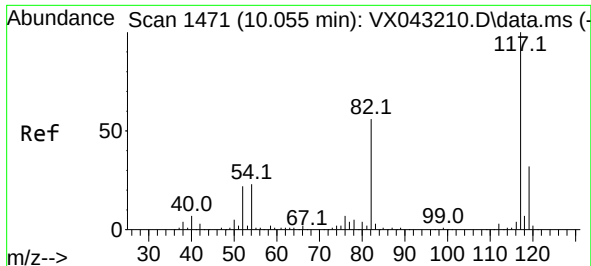
Tgt Ion: 98 Resp: 166970
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

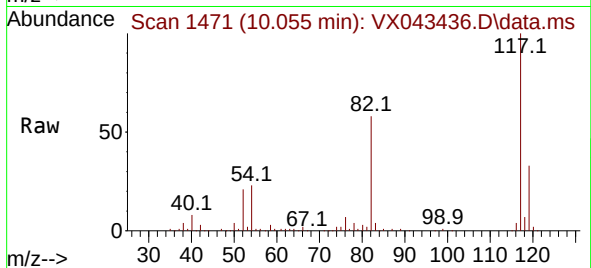
Tgt Ion: 95 Resp: 61531
Ion Ratio Lower Upper
95 100
174 71.6 0.0 145.0
176 68.8 0.0 143.0



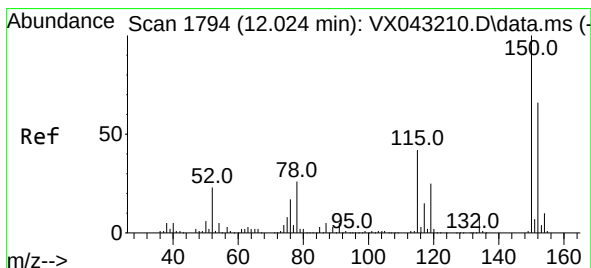
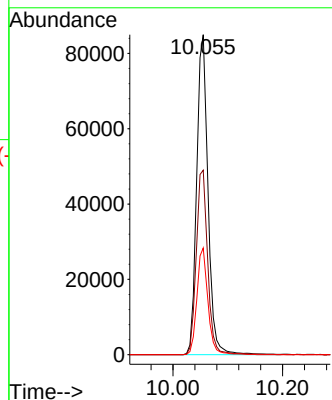
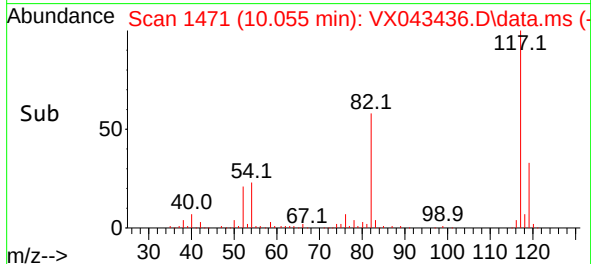


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

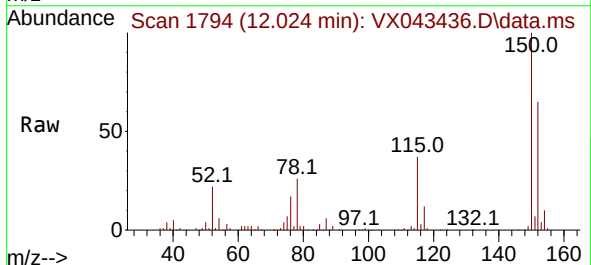
Instrument :
MSVOA_X
ClientSampleId :



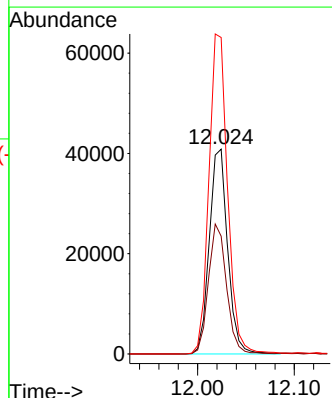
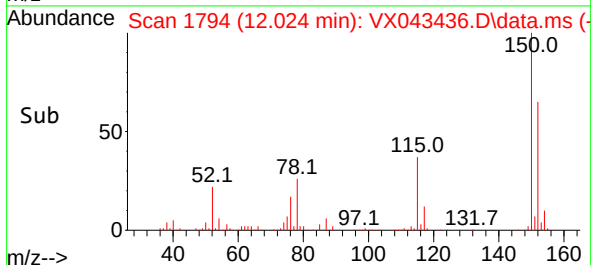
Tgt Ion:117 Resp: 122615
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.6
119 33.4 25.3 37.9

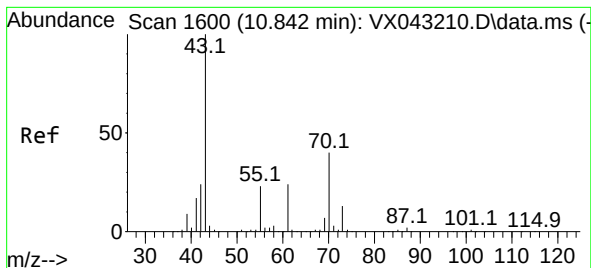


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55



Tgt Ion:152 Resp: 53965
Ion Ratio Lower Upper
152 100
115 62.3 44.1 132.3
150 158.4 0.0 347.4





#74

N-amy1 acetate

Concen: 0.210 ug/l

RT: 10.860 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX043436.D

Acq: 18 Oct 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 418

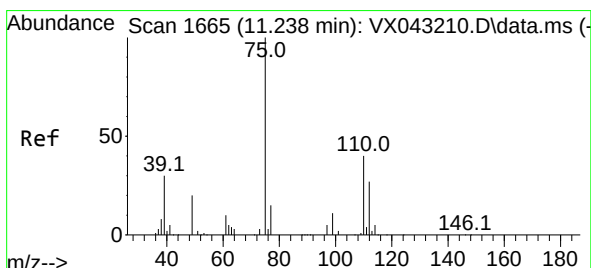
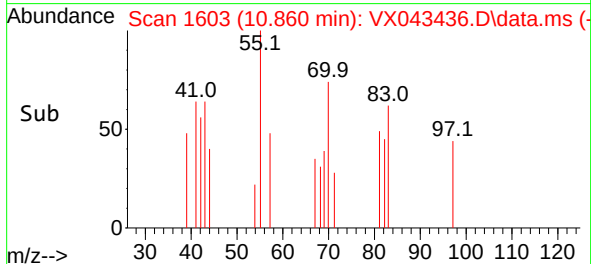
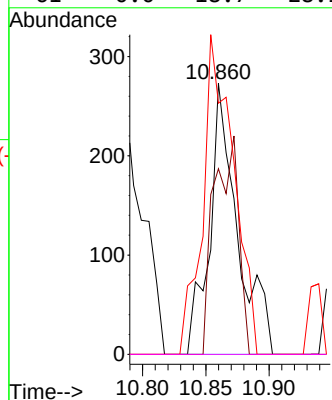
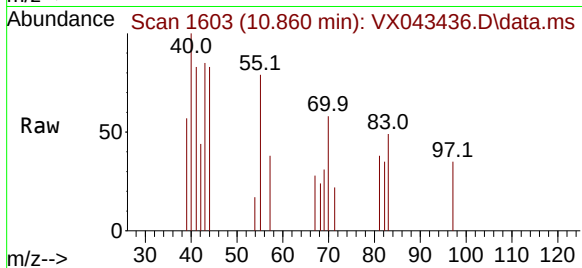
Ion Ratio Lower Upper

43 100

70 71.5 33.1 49.7#

55 130.6 18.6 27.8#

61 0.0 18.7 28.1#



#76

1,2,3-Trichloropropane

Concen: 27.613 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043436.D

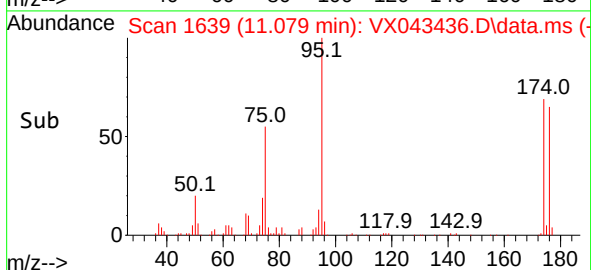
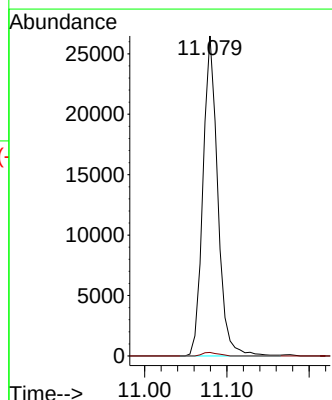
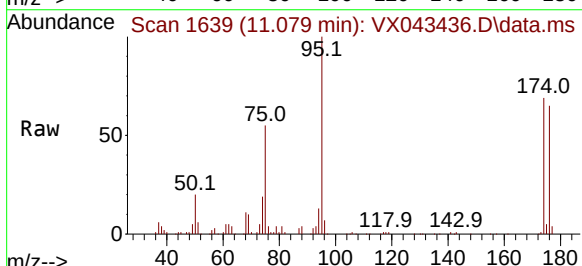
Acq: 18 Oct 2024 15:55

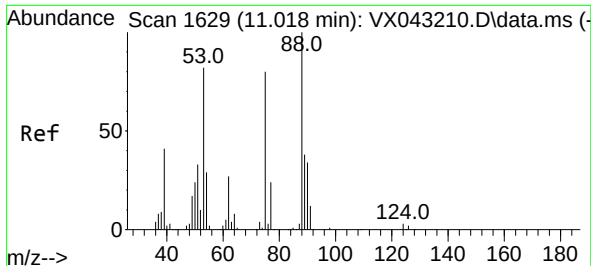
Tgt Ion: 75 Resp: 33053

Ion Ratio Lower Upper

75 100

77 1.2 22.0 66.0#

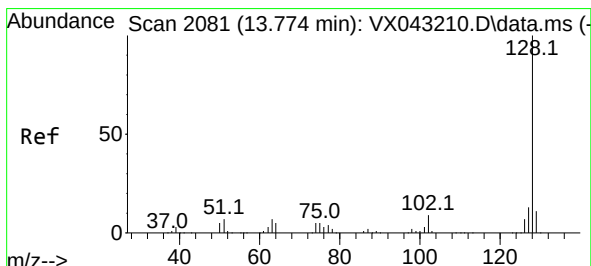
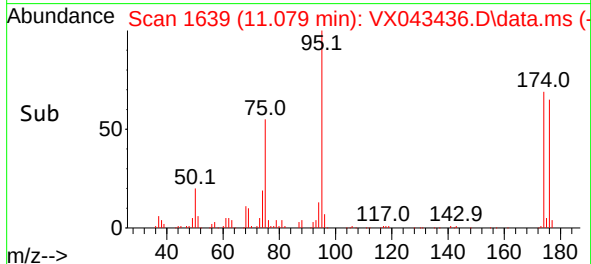
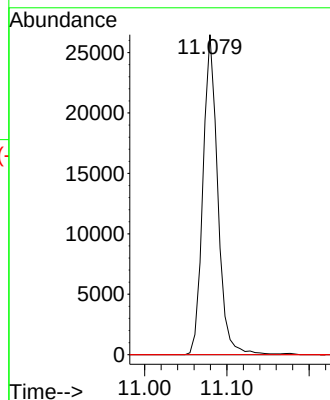
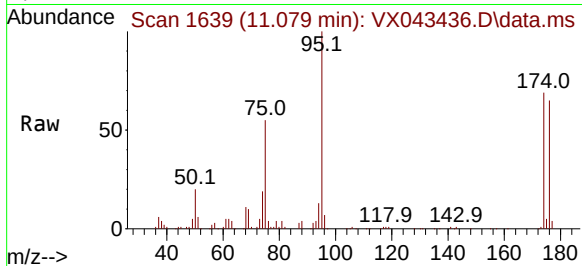




#81
trans-1,4-Dichloro-2-butene
Concen: 71.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 33053
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#



#95
Naphthalene
Concen: 3.006 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Tgt Ion:128 Resp: 11720
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 10.1 8.6 13.0

