

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043430.D
 Acq On : 18 Oct 2024 13:37
 Operator : JC/MD
 Sample : P4427-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 23:18:55 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)

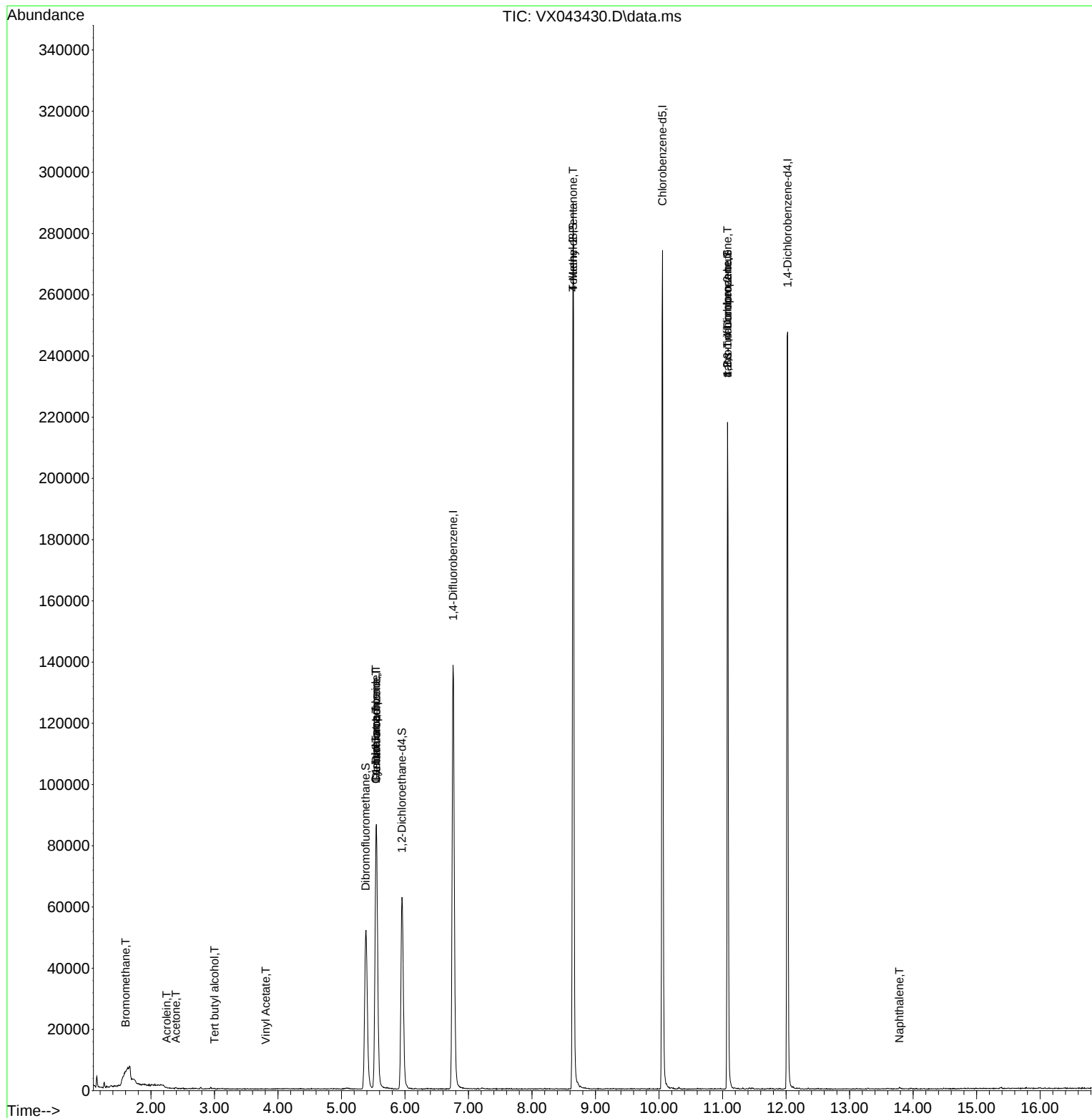
Internal Standards						
1) Pentafluorobenzene	5.549	168	77159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	142121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65620	52.074	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.140%			
35) Dibromofluoromethane	5.379	113	46401	47.342	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.680%			
50) Toluene-d8	8.646	98	171218	50.409	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.820%			
62) 4-Bromofluorobenzene	11.079	95	59583	48.286	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.580%			
Target Compounds			Qvalue			
5) Bromomethane	1.599	94	136	0.360	ug/l	92
11) Tert butyl alcohol	3.001	59	82	0.342	ug/l #	71
13) Acrolein	2.245	56	85	0.375	ug/l #	80
16) Acetone	2.391	43	266	0.505	ug/l #	47
23) Vinyl Acetate	3.806	43	20	6.345	ug/l #	71
31) Cyclohexane	5.543	56	1868	1.374	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	7062	5.703	ug/l #	48
38) Carbon Tetrachloride	5.543	117	8554	5.836	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	835	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32819	28.970	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	32819	75.079	ug/l #	8
95) Naphthalene	13.786	128	791	0.214	ug/l #	75

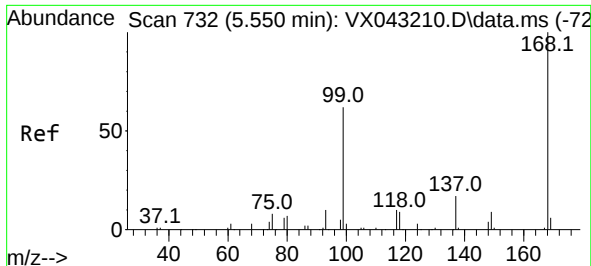
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
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MSVOA_X
ClientSampleId :

Quant Time: Oct 18 23:18:55 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



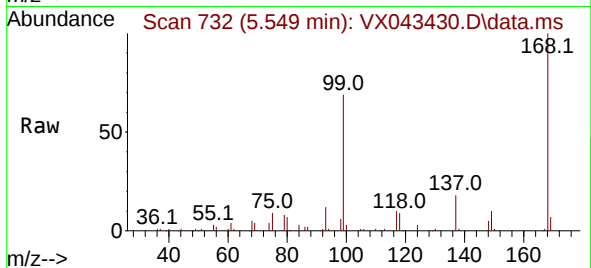


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

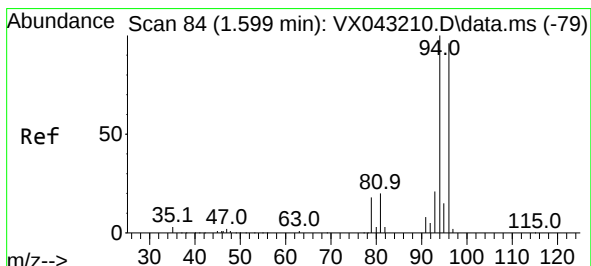
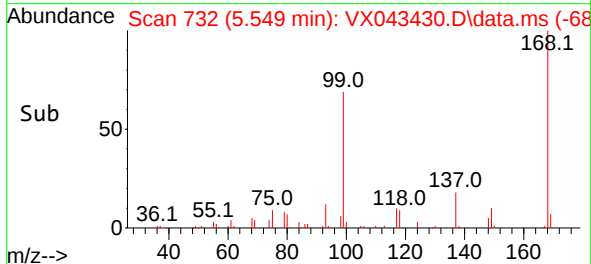
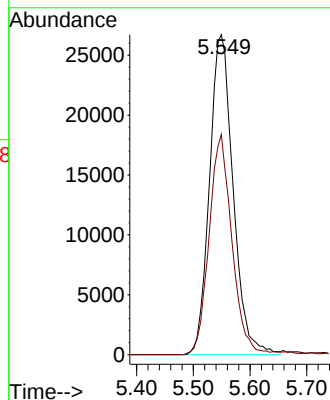
Instrument :

MSVOA_X

ClientSampleId :

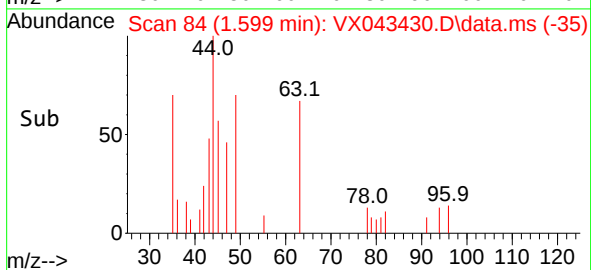
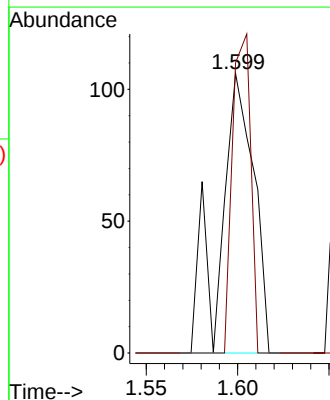
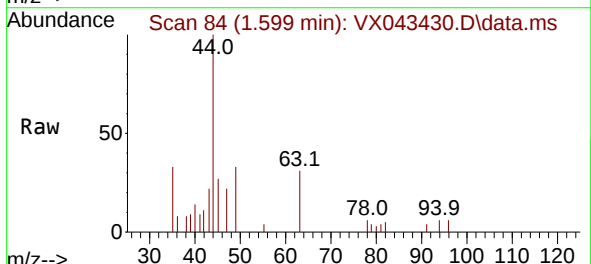


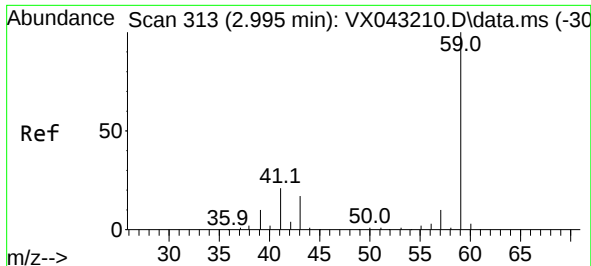
Tgt Ion:168 Resp: 77159
Ion Ratio Lower Upper
168 100
99 68.8 49.7 74.5



#5
Bromomethane
Concen: 0.360 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 103.8 76.6 115.0

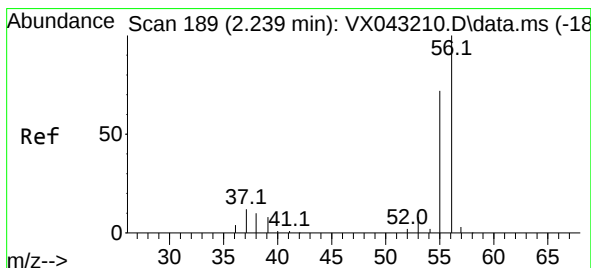
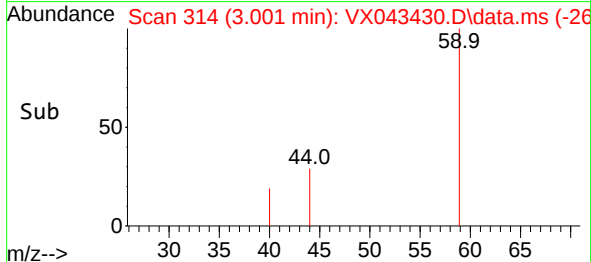
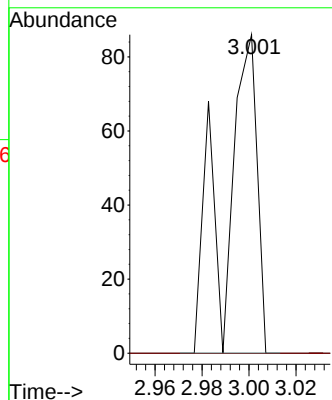
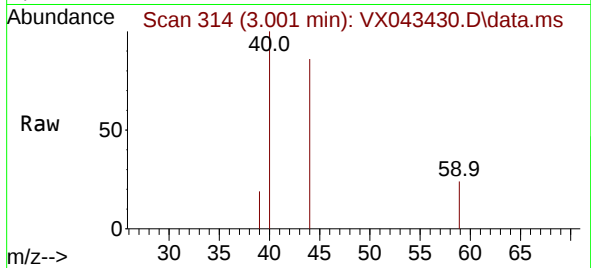




#11
Tert butyl alcohol
Concen: 0.342 ug/l
RT: 3.001 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

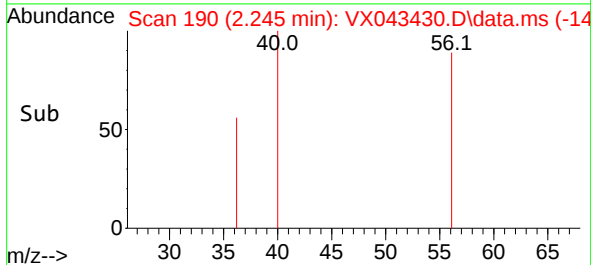
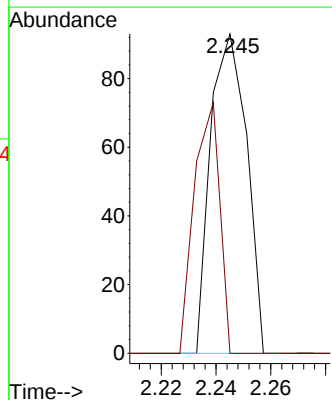
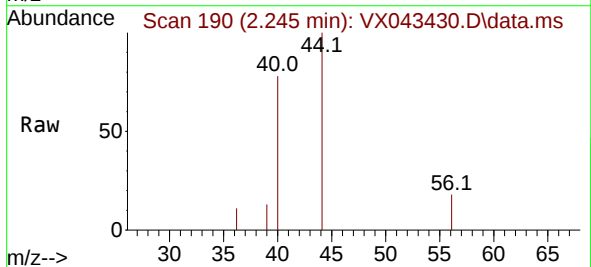
Instrument :
MSVOA_X
ClientSampleId :

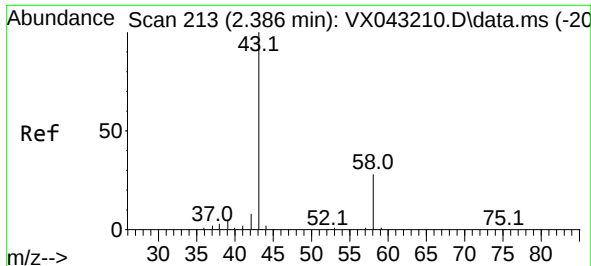
Tgt Ion: 59 Resp: 82
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.375 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

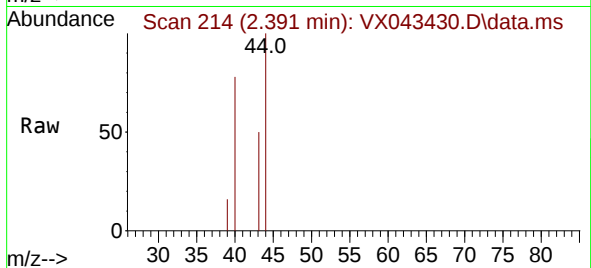
Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 55.3 57.4 86.0#



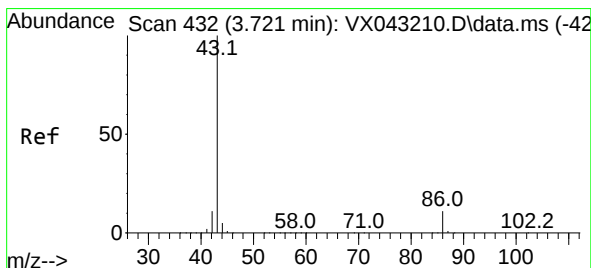
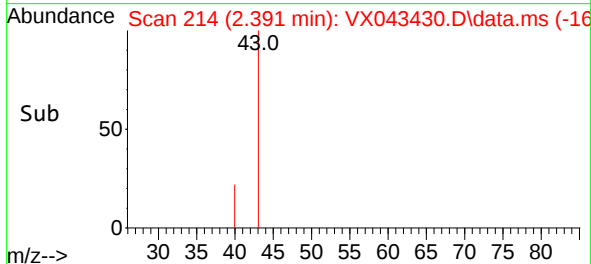
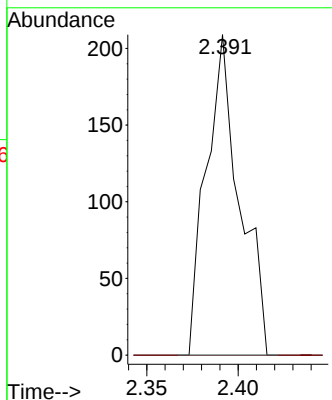


#16
Acetone
Concen: 0.505 ug/l
RT: 2.391 min Scan# 213
Delta R.T. 0.005 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :

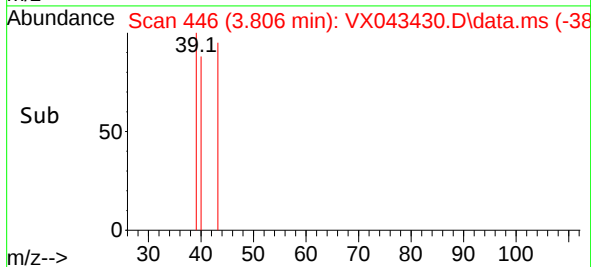
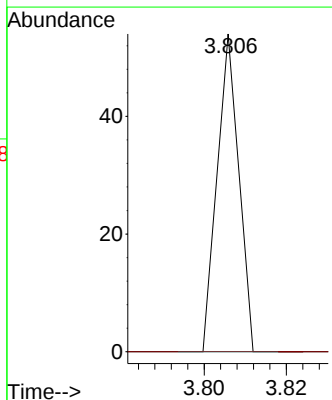
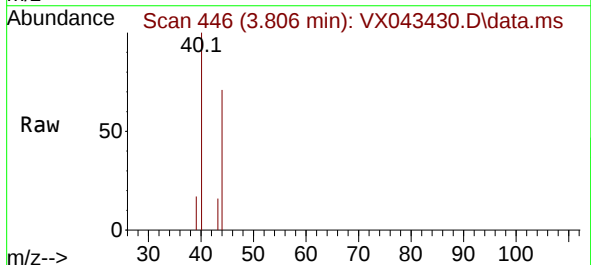


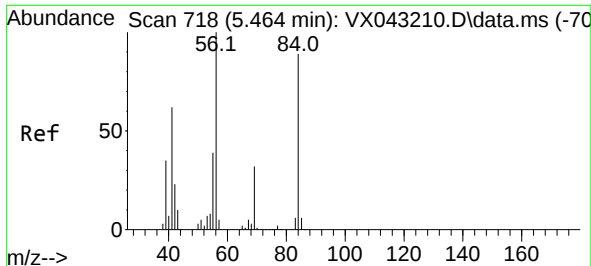
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#23
Vinyl Acetate
Concen: 6.345 ug/l
RT: 3.806 min Scan# 446
Delta R.T. 0.085 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

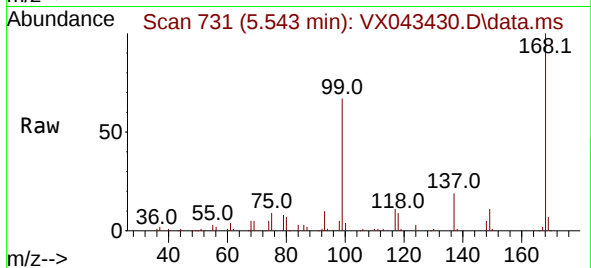
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
86 0.0 8.8 13.2#



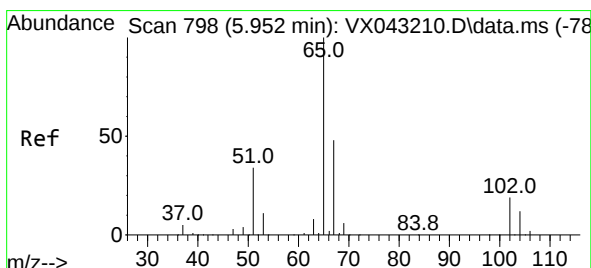
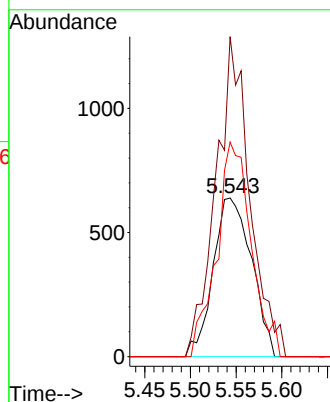
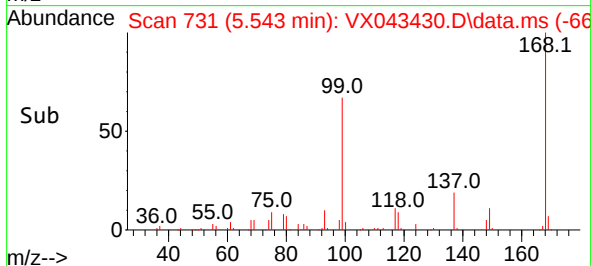


#31
Cyclohexane
Concen: 1.374 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :

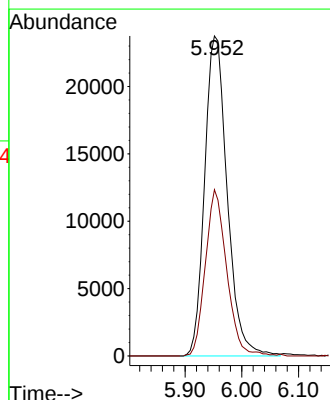
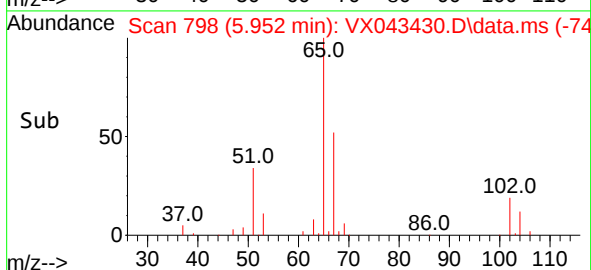
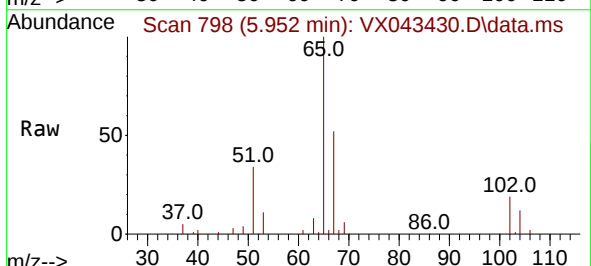


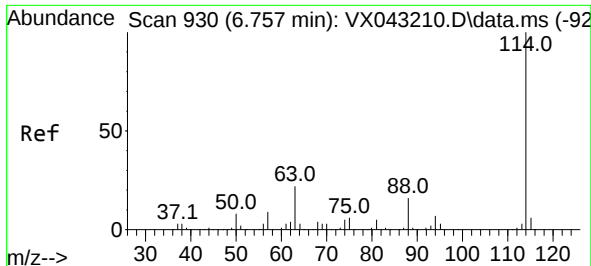
Tgt Ion: 56 Resp: 1868
Ion Ratio Lower Upper
56 100
69 201.7 25.8 38.6#
84 135.2 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 52.074 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

Tgt Ion: 65 Resp: 65620
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

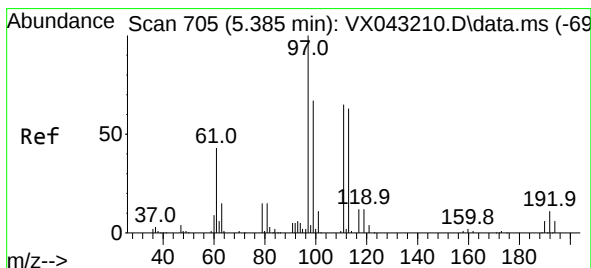
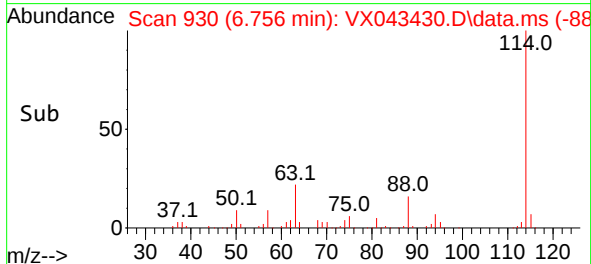
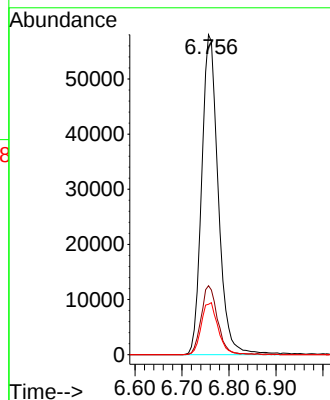
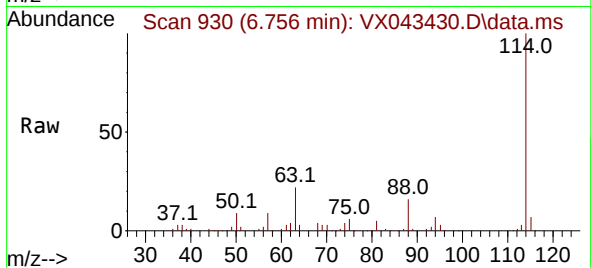




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

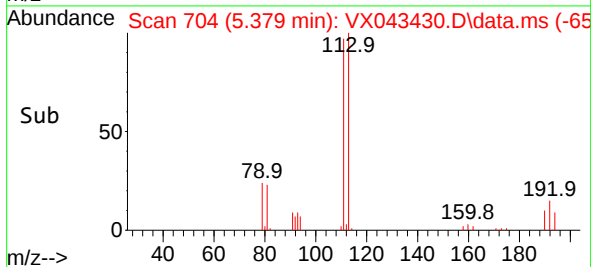
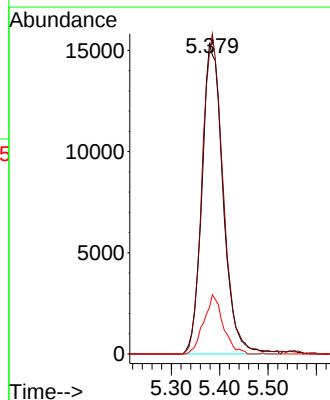
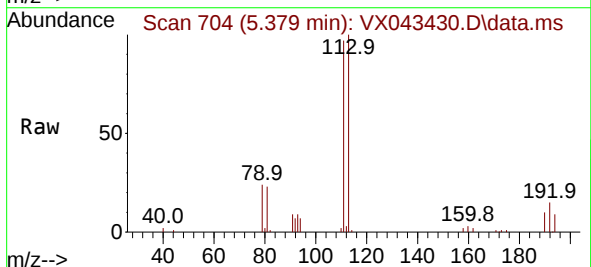
Instrument :
MSVOA_X
ClientSampleId :

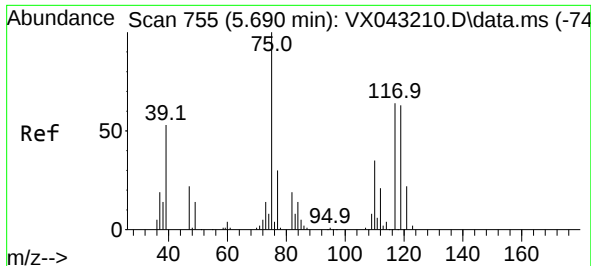
Tgt Ion:114 Resp: 142121
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.0
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.342 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

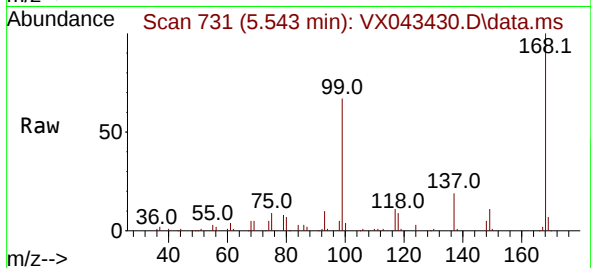
Tgt Ion:113 Resp: 46401
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.0
192 17.6 14.1 21.1



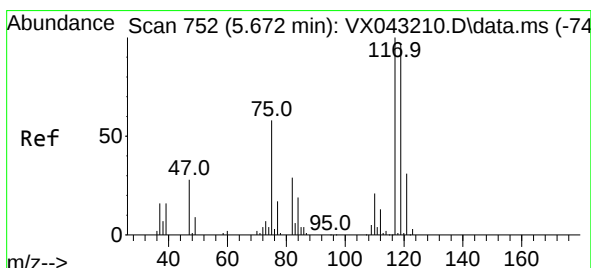
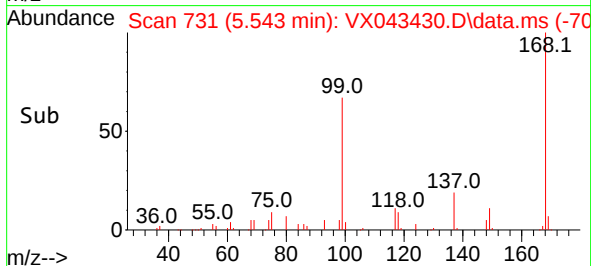
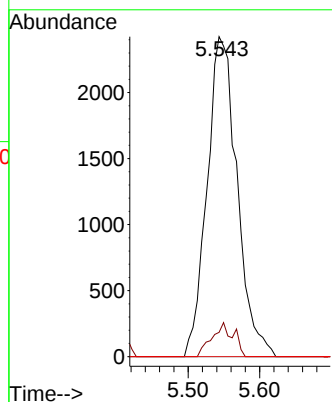


#36
 1,1-Dichloropropene
 Concen: 5.703 ug/l
 RT: 5.543 min Scan# 711
 Delta R.T. -0.147 min
 Lab File: VX043430.D
 Acq: 18 Oct 2024 13:37

Instrument :
 MSVOA_X
 ClientSampleId :

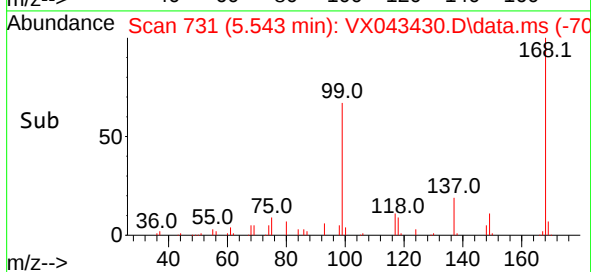
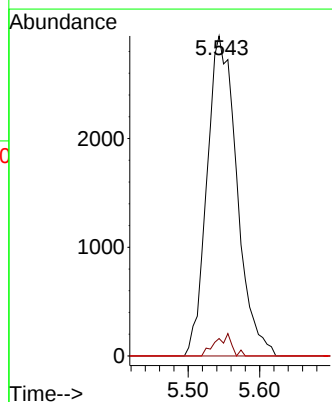
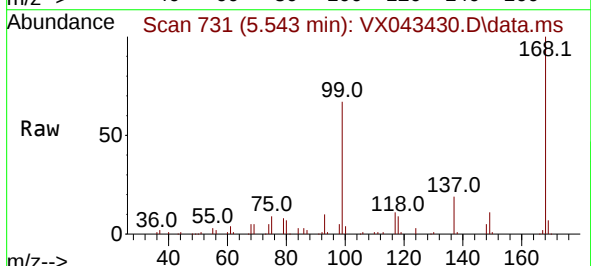


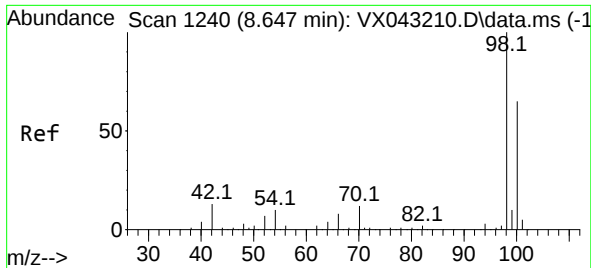
Tgt Ion: 75 Resp: 7062
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.8 53.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.836 ug/l
 RT: 5.543 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX043430.D
 Acq: 18 Oct 2024 13:37

Tgt Ion: 117 Resp: 8554
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.7 116.5#
 121 0.0 24.3 36.5#

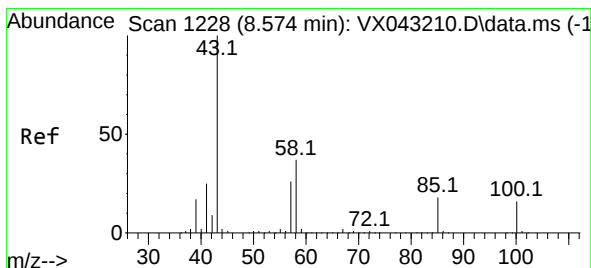
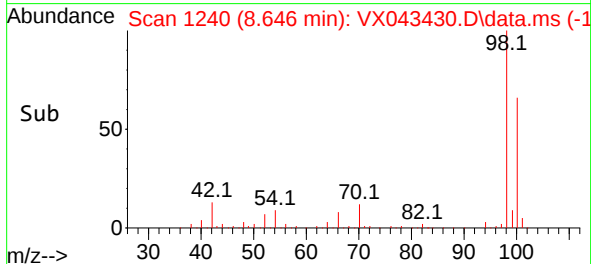
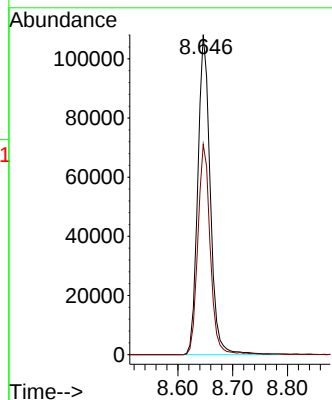
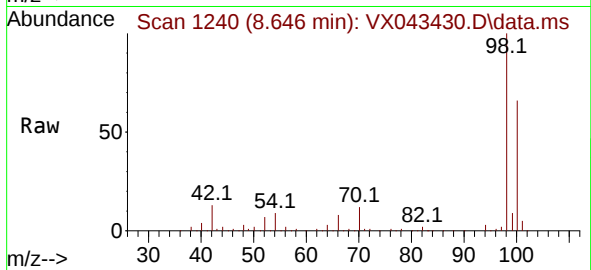




#50
Toluene-d8
Concen: 50.409 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

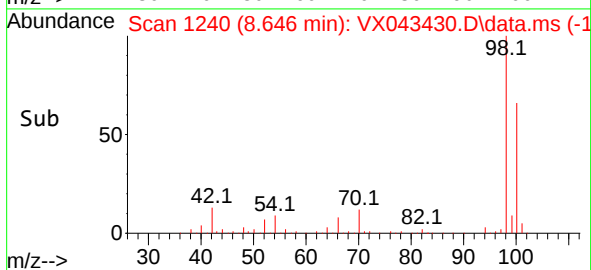
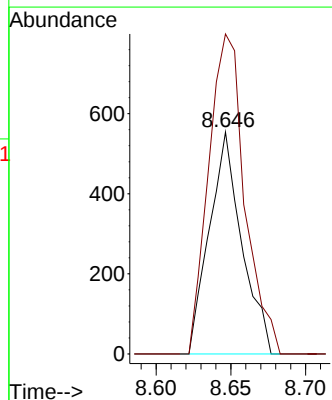
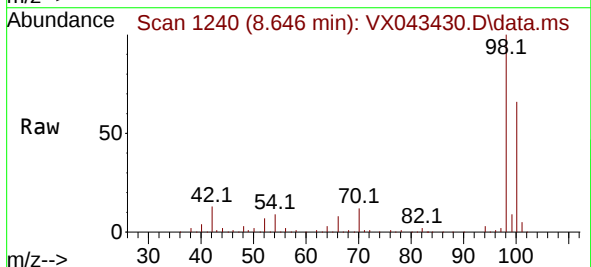
Instrument :
MSVOA_X
ClientSampleId :

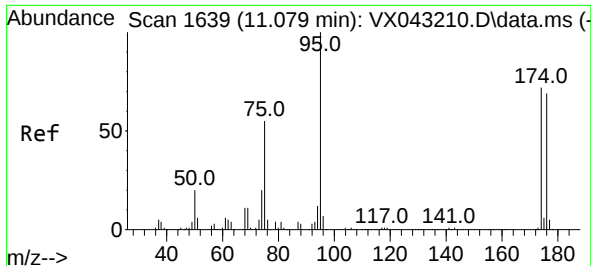
Tgt Ion: 98 Resp: 171218
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
58 161.2 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 48.286 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043430.D

Acq: 18 Oct 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

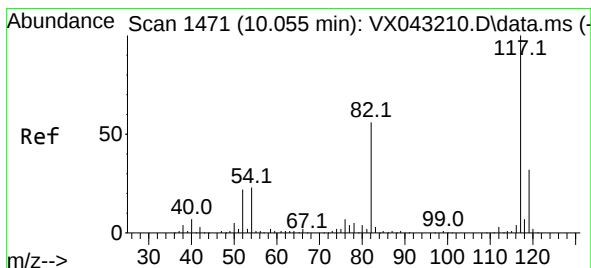
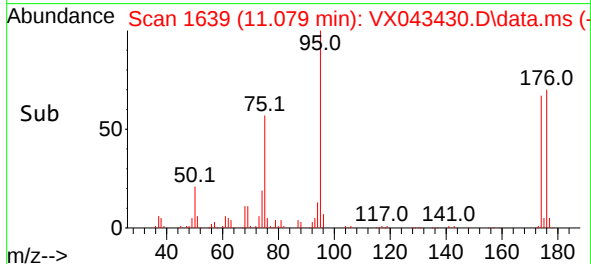
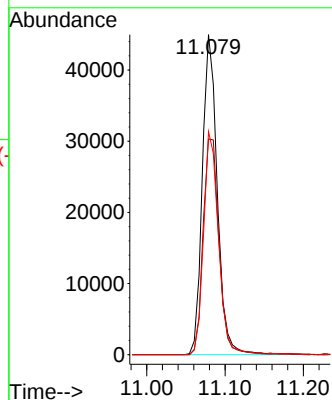
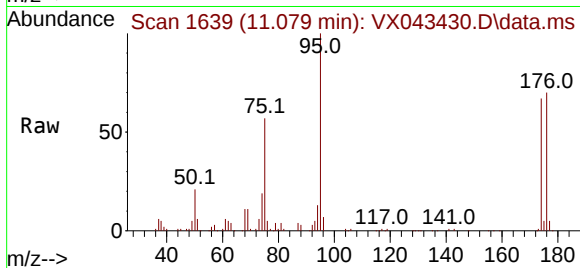
Tgt Ion: 95 Resp: 59583

Ion Ratio Lower Upper

95 100

174 72.0 0.0 145.0

176 69.4 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: VX043430.D

Acq: 18 Oct 2024 13:37

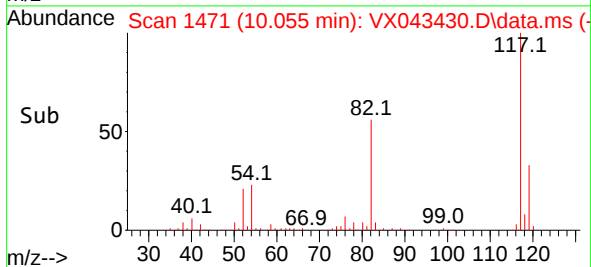
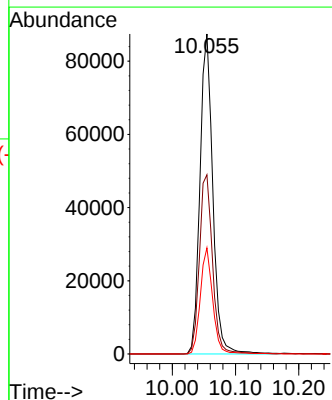
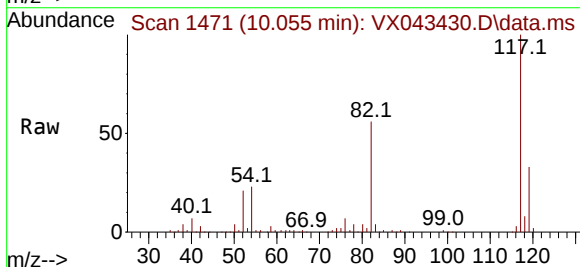
Tgt Ion: 117 Resp: 123714

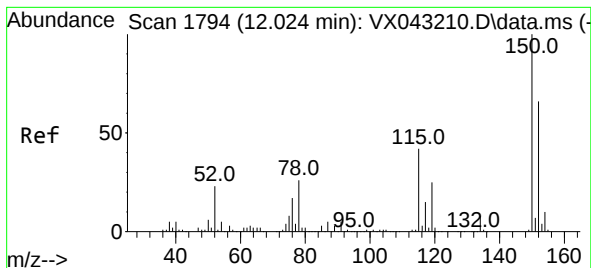
Ion Ratio Lower Upper

117 100

82 56.0 45.0 67.6

119 33.1 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043430.D

Acq: 18 Oct 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

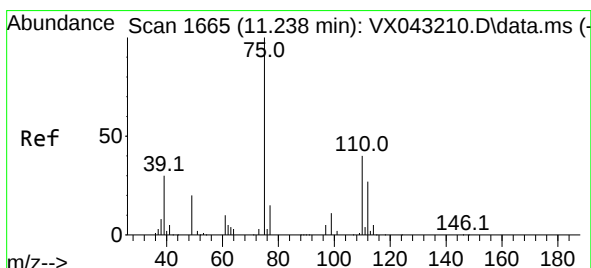
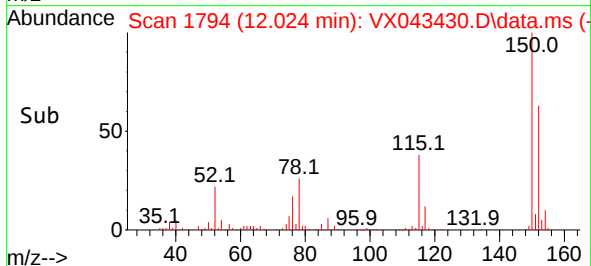
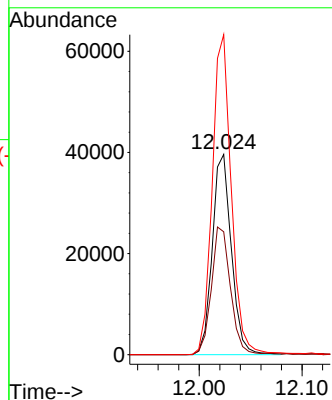
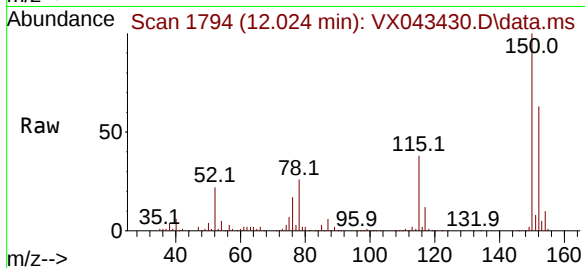
Tgt Ion:152 Resp: 51074

Ion Ratio Lower Upper

152 100

115 64.3 44.1 132.3

150 159.4 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 28.970 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043430.D

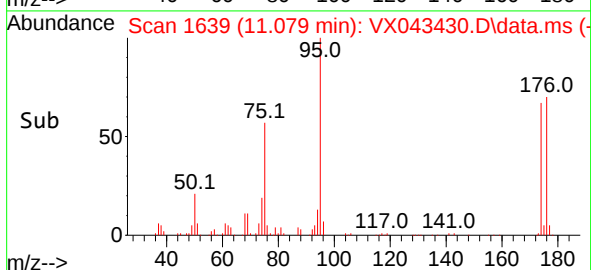
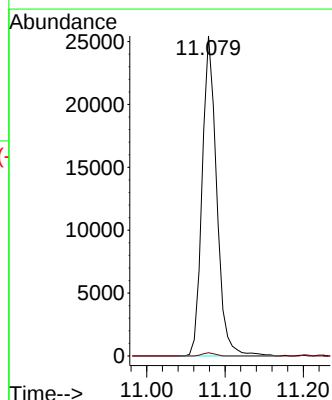
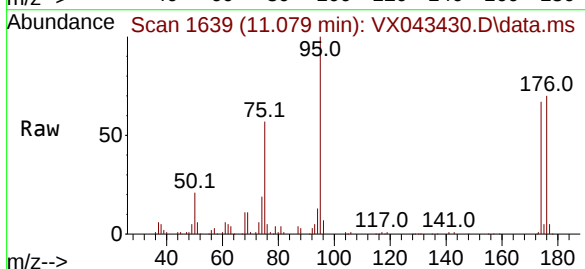
Acq: 18 Oct 2024 13:37

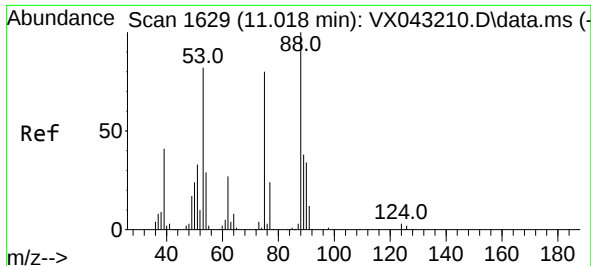
Tgt Ion: 75 Resp: 32819

Ion Ratio Lower Upper

75 100

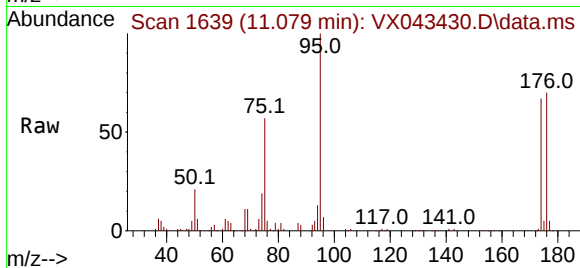
77 0.9 22.0 66.0#



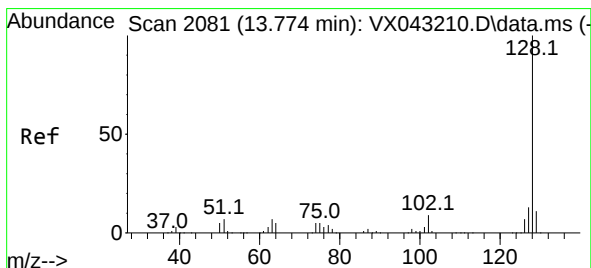
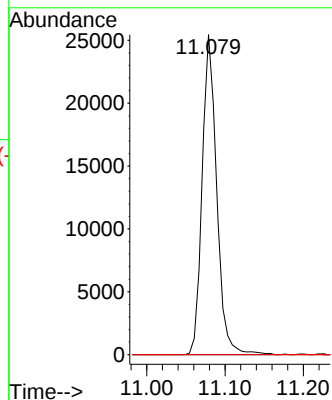
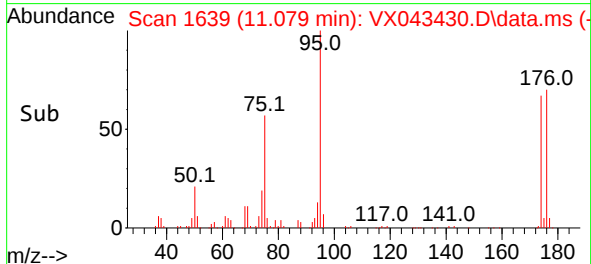


#81
trans-1,4-Dichloro-2-butene
Concen: 75.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 32819
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#



#95
Naphthalene
Concen: 0.214 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX043430.D
Acq: 18 Oct 2024 13:37

Tgt Ion: 128 Resp: 791
Ion Ratio Lower Upper
128 100
127 3.9 10.2 15.2#
129 0.0 8.6 13.0#

