

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043434.D
 Acq On : 18 Oct 2024 15:09
 Operator : JC/MD
 Sample : P4438-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 23:21:03 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	64326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47480	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56979	54.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.480%
35) Dibromofluoromethane	5.385	113	38934	46.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.400%
50) Toluene-d8	8.647	98	141271	48.901	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.800%
62) 4-Bromofluorobenzene	11.079	95	54499	51.927	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.860%

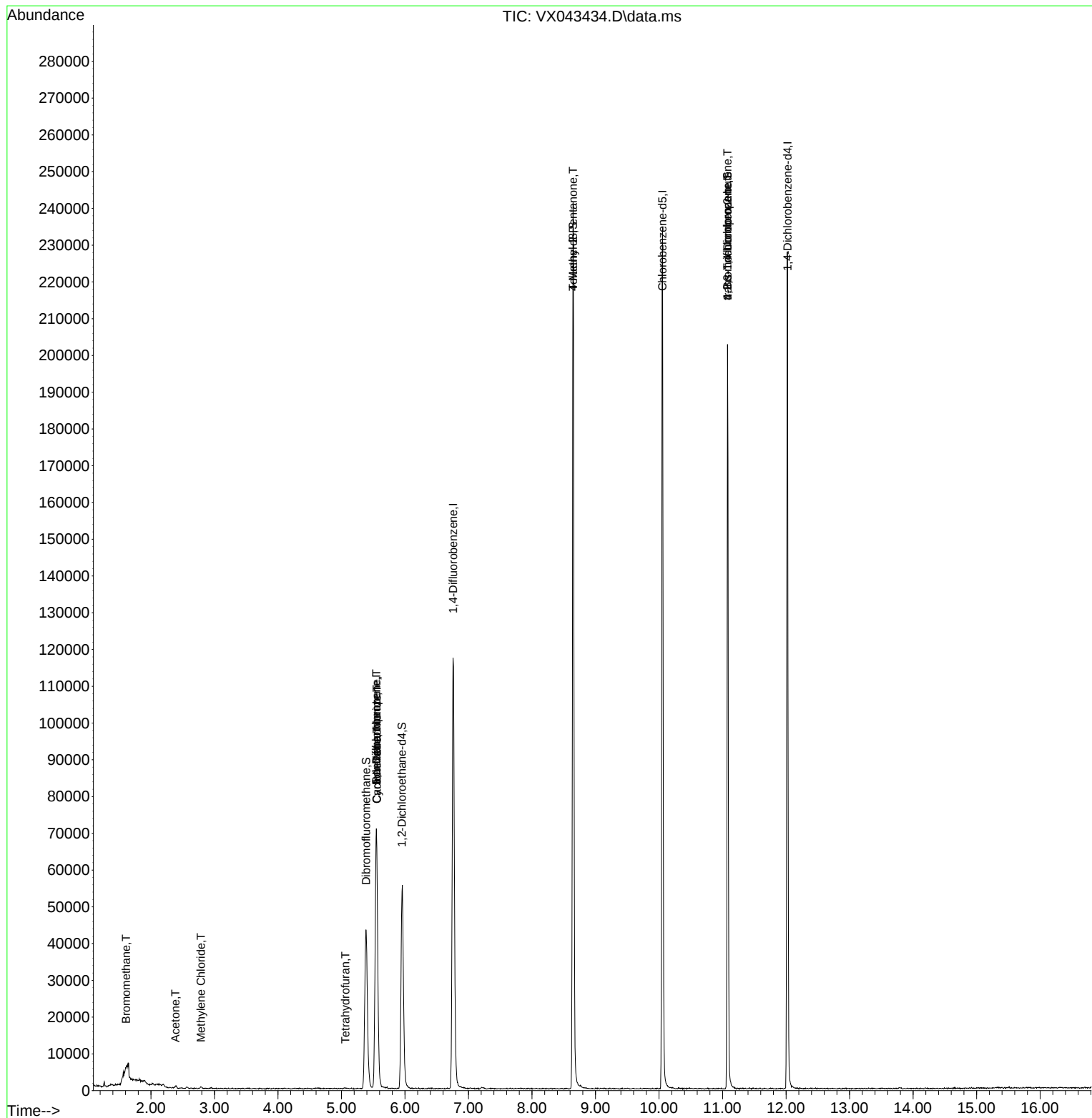
Target Compounds					Qvalue	
5) Bromomethane	1.605	94	121	0.384	ug/l #	76
16) Acetone	2.386	43	787	1.794	ug/l	95
20) Methylene Chloride	2.788	84	226	0.279	ug/l #	47
29) Tetrahydrofuran	5.062	42	248	0.647	ug/l #	31
31) Cyclohexane	5.556	56	1535	1.354	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	5653	5.368	ug/l #	50
38) Carbon Tetrachloride	5.556	117	6945	5.571	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	744	0.586	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29527	28.037	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	29527	72.661	ug/l #	8

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

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ClientSampleId :

Quant Time: Oct 18 23:21:03 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



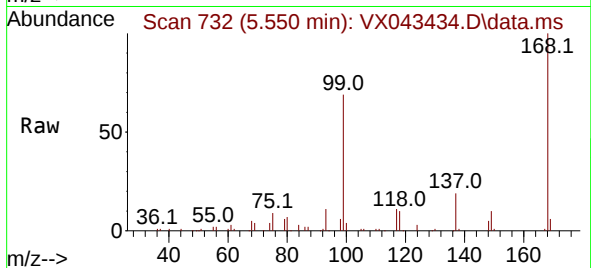


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

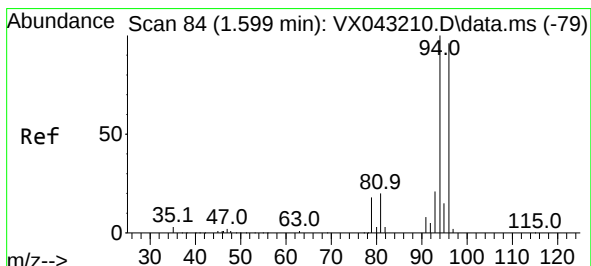
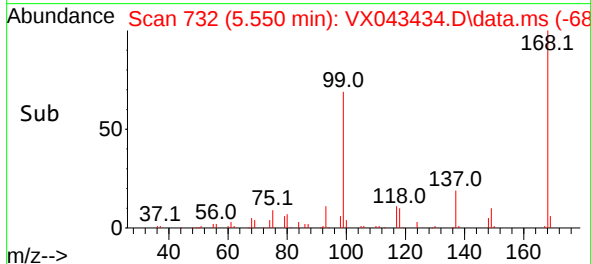
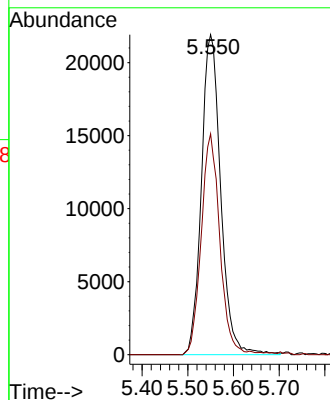
Instrument :

MSVOA_X

ClientSampleId :

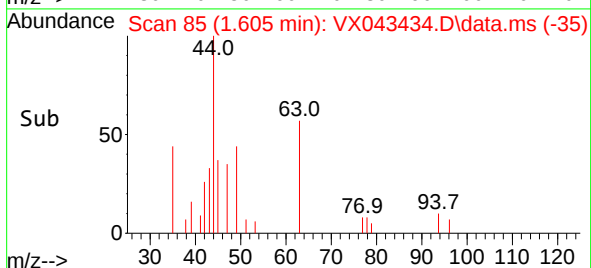
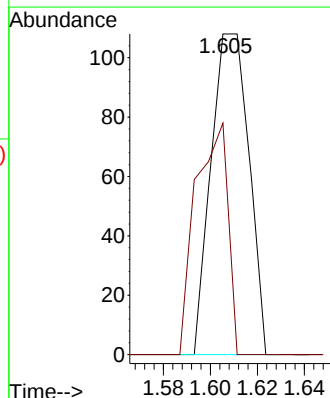
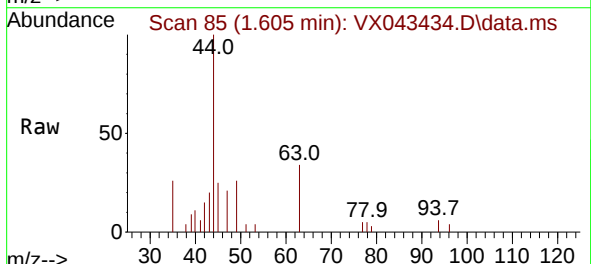


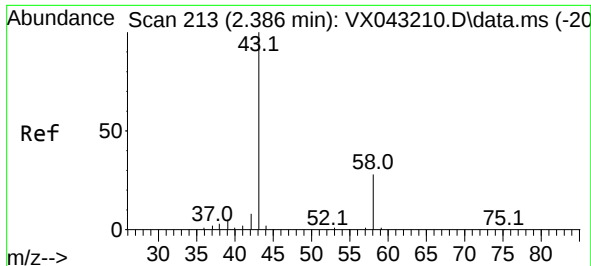
Tgt Ion:168 Resp: 64326
Ion Ratio Lower Upper
168 100
99 69.0 49.7 74.5



#5
Bromomethane
Concen: 0.384 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

Tgt Ion: 94 Resp: 121
Ion Ratio Lower Upper
94 100
96 72.2 76.6 115.0#

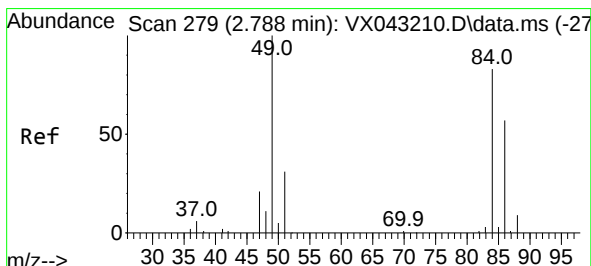
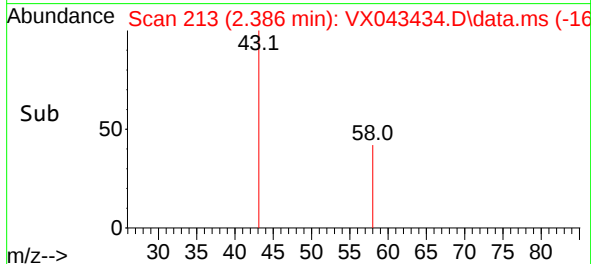
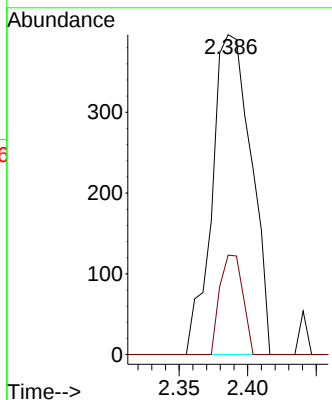
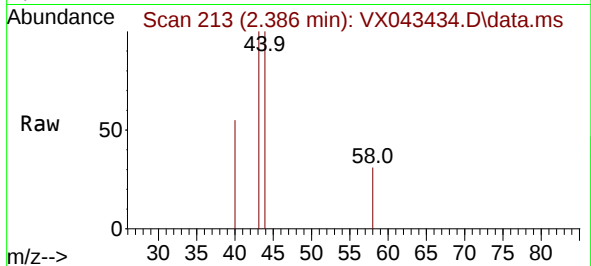




#16
Acetone
Concen: 1.794 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

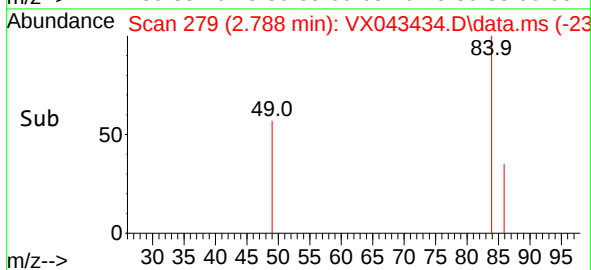
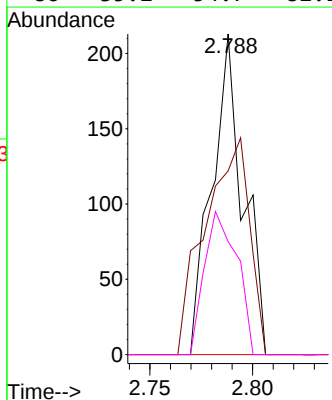
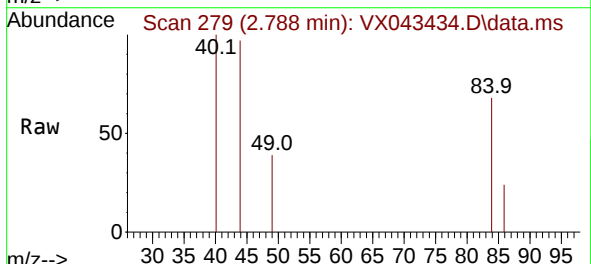
Instrument :
MSVOA_X
ClientSampleId :

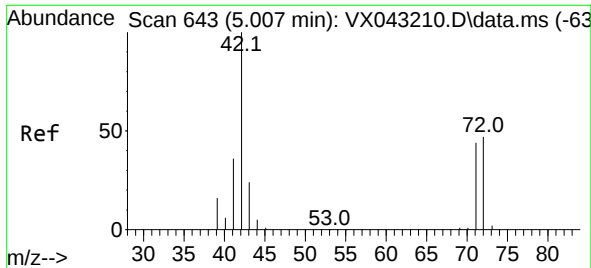
Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
58 31.1 22.6 33.8



#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

Tgt Ion: 84 Resp: 226
Ion Ratio Lower Upper
84 100
49 57.3 96.7 145.1#
51 0.0 30.4 45.6#
86 35.2 54.7 82.1#

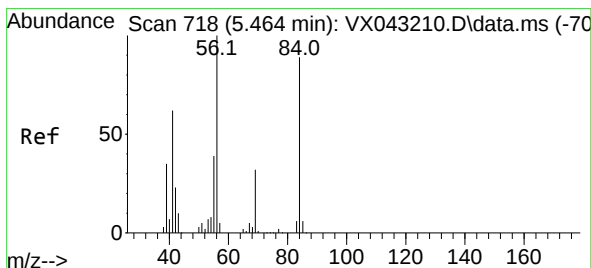
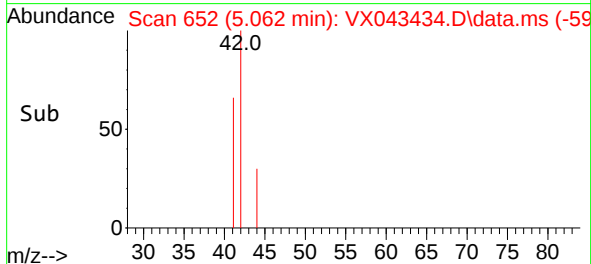
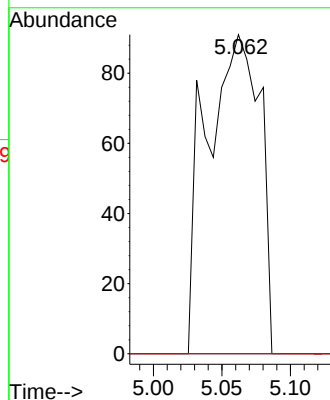
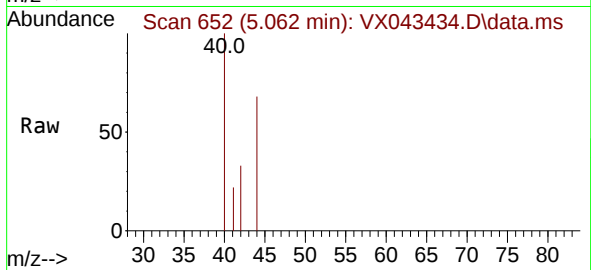




#29
Tetrahydrofuran
Concen: 0.647 ug/l
RT: 5.062 min Scan# 61
Delta R.T. 0.055 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

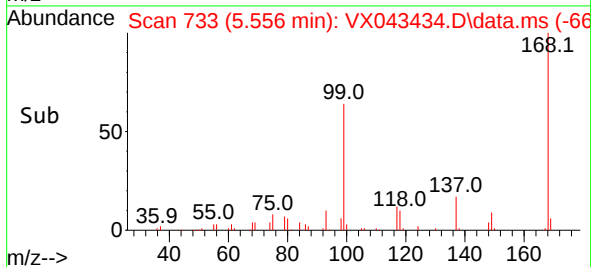
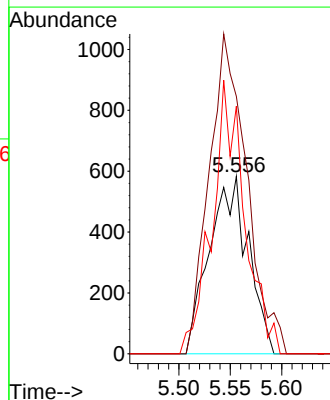
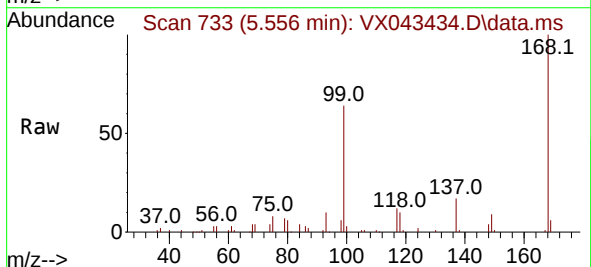
Instrument :
MSVOA_X
ClientSampleId :

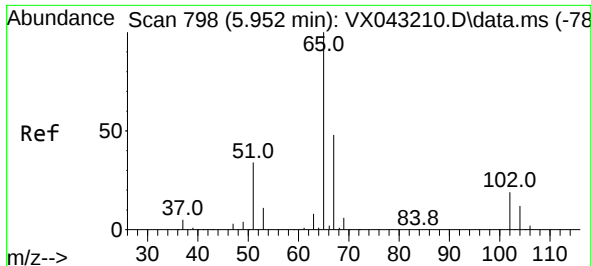
Tgt Ion: 42 Resp: 248
Ion Ratio Lower Upper
42 100
72 0.0 37.7 56.5#
71 0.0 34.6 52.0#



#31
Cyclohexane
Concen: 1.354 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

Tgt Ion: 56 Resp: 1535
Ion Ratio Lower Upper
56 100
69 145.1 25.8 38.6#
84 139.6 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 54.238 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043434.D

Acq: 18 Oct 2024 15:09

Instrument :

MSVOA_X

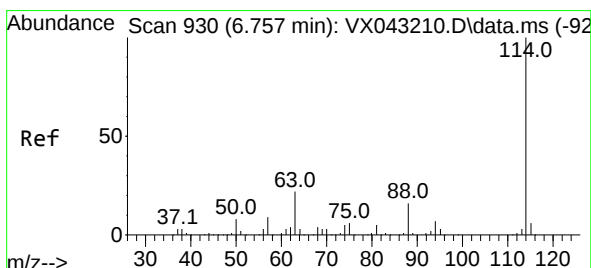
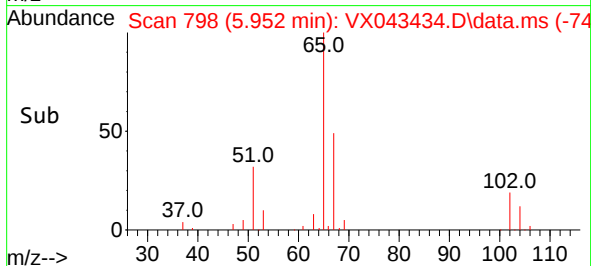
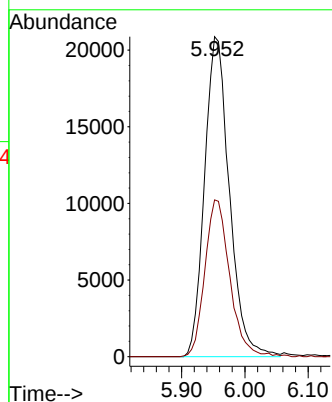
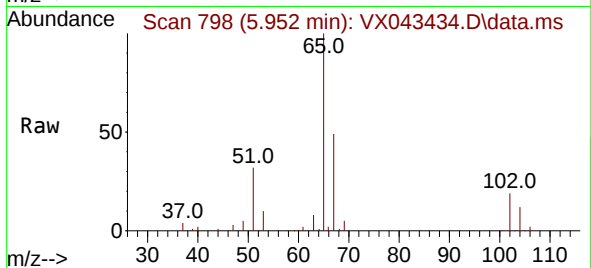
ClientSampleId :

Tgt Ion: 65 Resp: 56979

Ion Ratio Lower Upper

65 100

67 49.2 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: VX043434.D

Acq: 18 Oct 2024 15:09

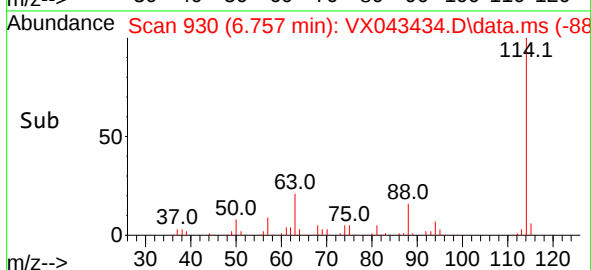
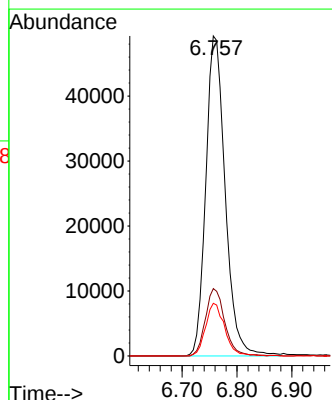
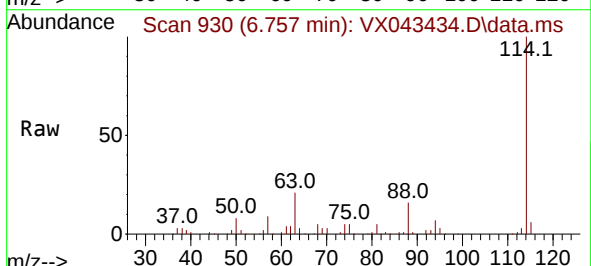
Tgt Ion: 114 Resp: 120880

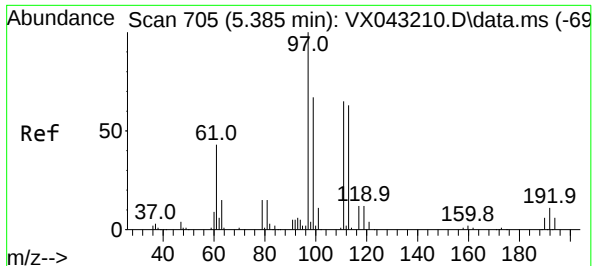
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.0

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 46.704 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX043434.D

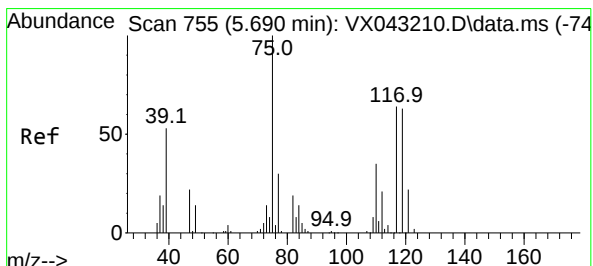
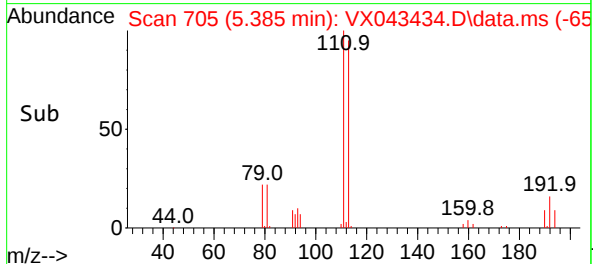
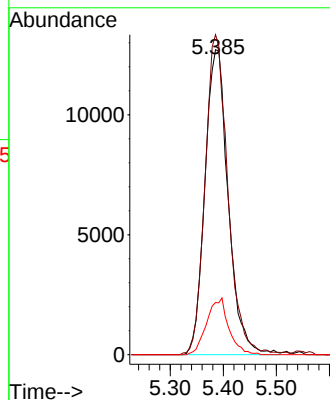
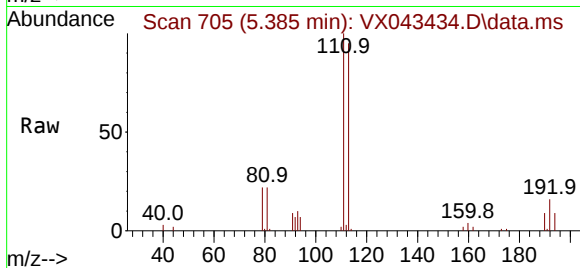
Acq: 18 Oct 2024 15:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	113	Resp:	38934
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.0
192	17.5	14.1	21.1



#36

1,1-Dichloropropene

Concen: 5.368 ug/l

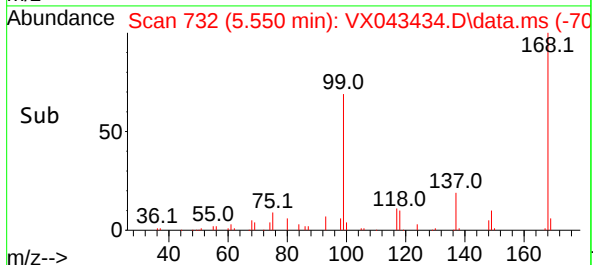
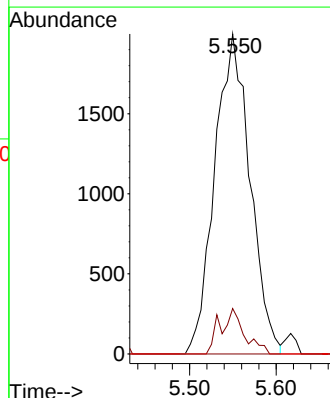
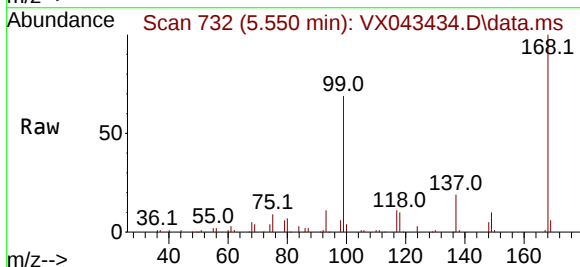
RT: 5.550 min Scan# 732

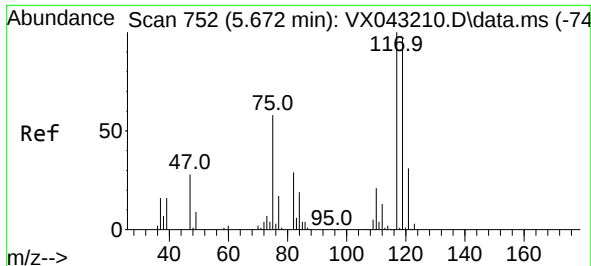
Delta R.T. -0.140 min

Lab File: VX043434.D

Acq: 18 Oct 2024 15:09

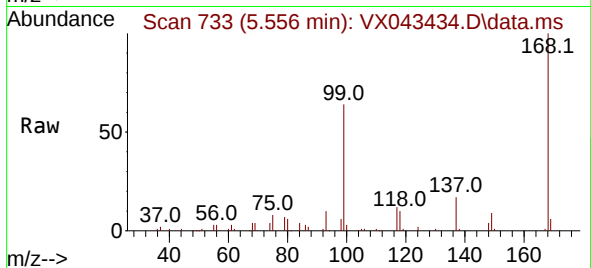
Tgt Ion:	75	Resp:	5653
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.8	53.3#
77	0.0	24.9	37.3#



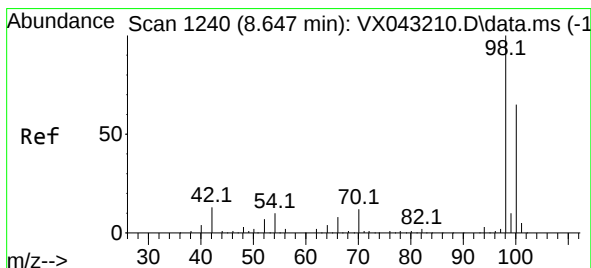
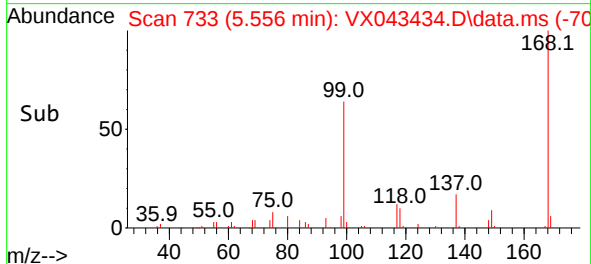
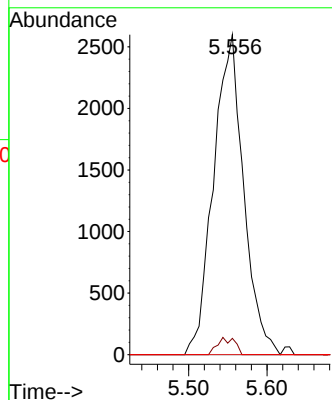


#38
Carbon Tetrachloride
Concen: 5.571 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

Instrument :
MSVOA_X
ClientSampleId :

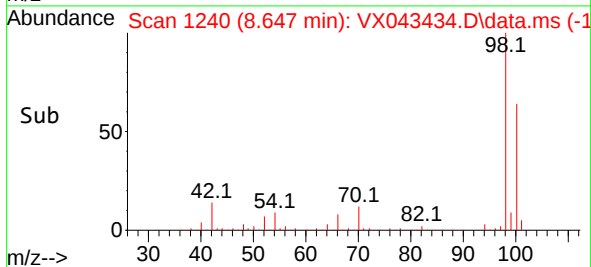
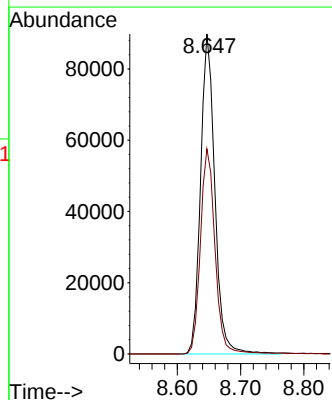
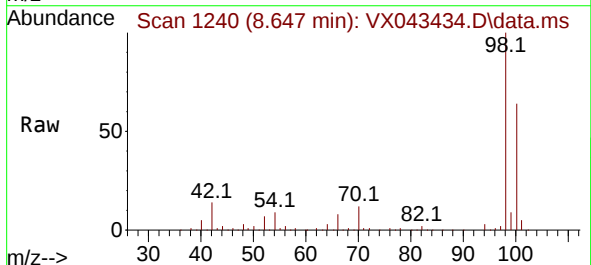


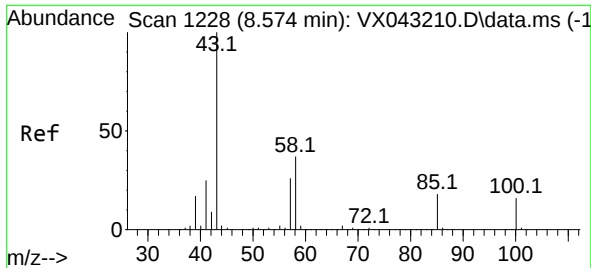
Tgt Ion:117 Resp: 6945
Ion Ratio Lower Upper
117 100
119 5.1 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 48.901 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

Tgt Ion: 98 Resp: 141271
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

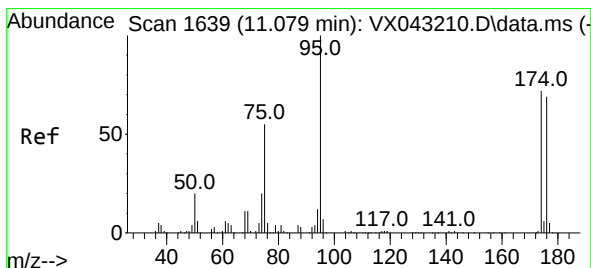
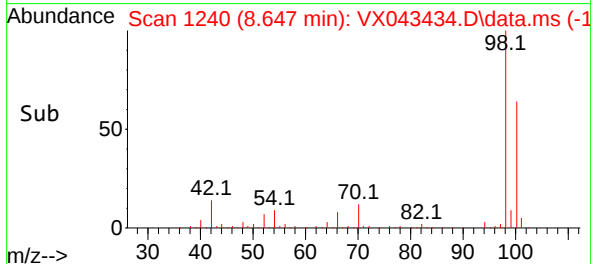
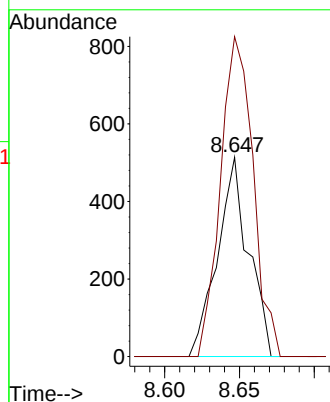
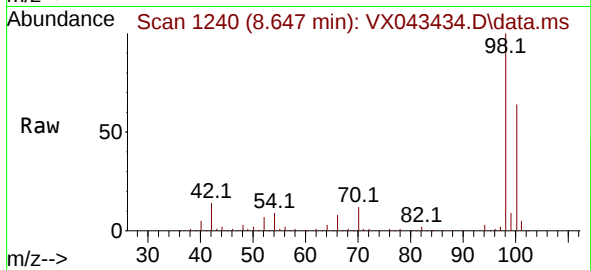




#51
4-Methyl-2-Pentanone
Concen: 0.586 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

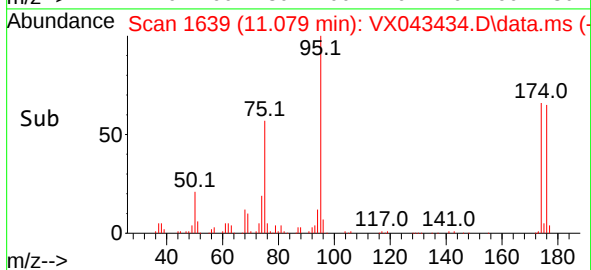
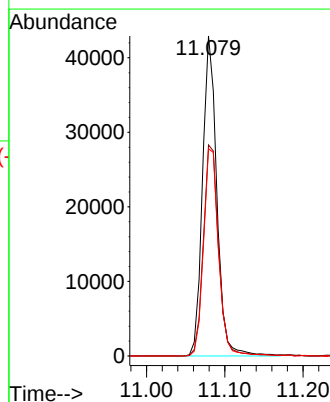
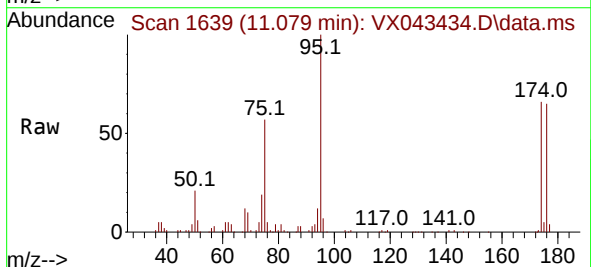
Instrument :
MSVOA_X
ClientSampleId :

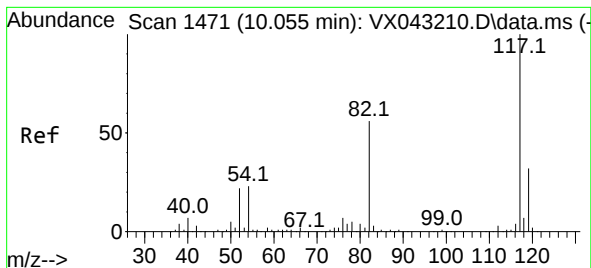
Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
58 168.1 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 51.927 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

Tgt Ion: 95 Resp: 54499
Ion Ratio Lower Upper
95 100
174 70.5 0.0 145.0
176 68.1 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: VX043434.D

Acq: 18 Oct 2024 15:09

Instrument :

MSVOA_X

ClientSampleId :

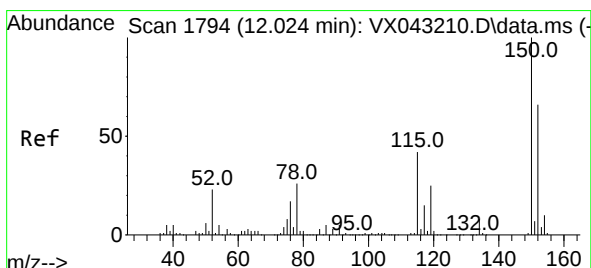
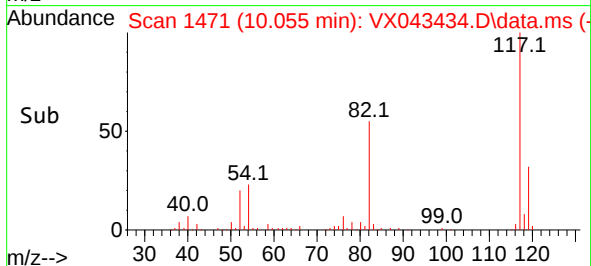
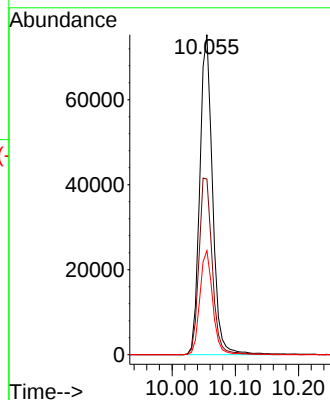
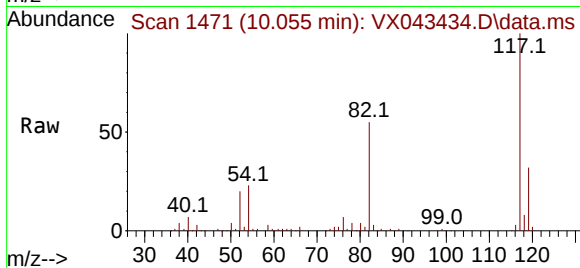
Tgt Ion:117 Resp: 106099

Ion Ratio Lower Upper

117 100

82 54.9 45.0 67.6

119 32.5 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: VX043434.D

Acq: 18 Oct 2024 15:09

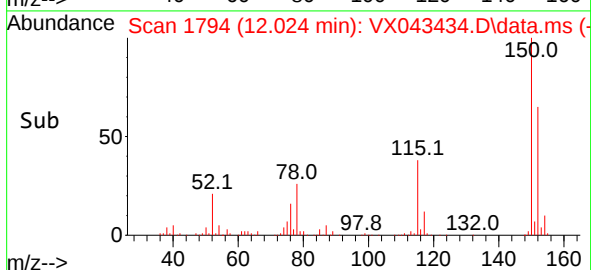
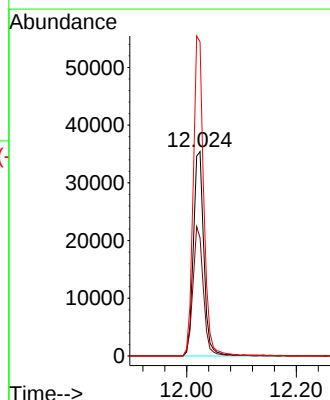
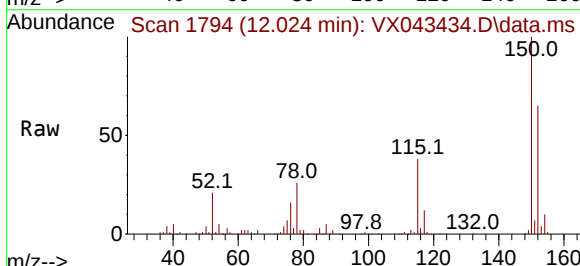
Tgt Ion:152 Resp: 47480

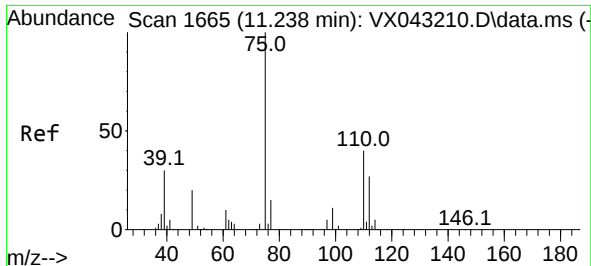
Ion Ratio Lower Upper

152 100

115 62.2 44.1 132.3

150 155.7 0.0 347.4

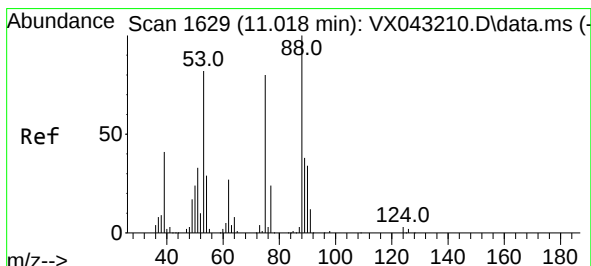
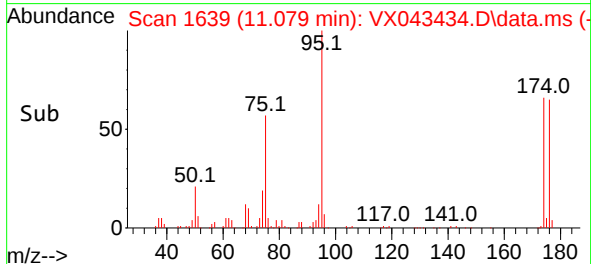
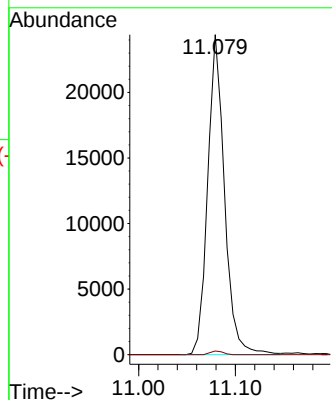
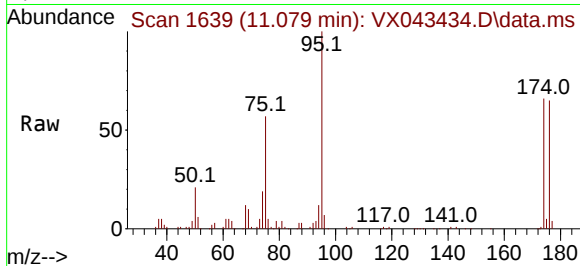




#76
1,2,3-Trichloropropane
Concen: 28.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29527
Ion Ratio Lower Upper
75 100
77 0.9 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.661 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043434.D
Acq: 18 Oct 2024 15:09

Tgt Ion: 75 Resp: 29527
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

