

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044913.D
 Acq On : 11 Feb 2025 17:56
 Operator : JC/MD
 Sample : Q1327-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 02:45:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

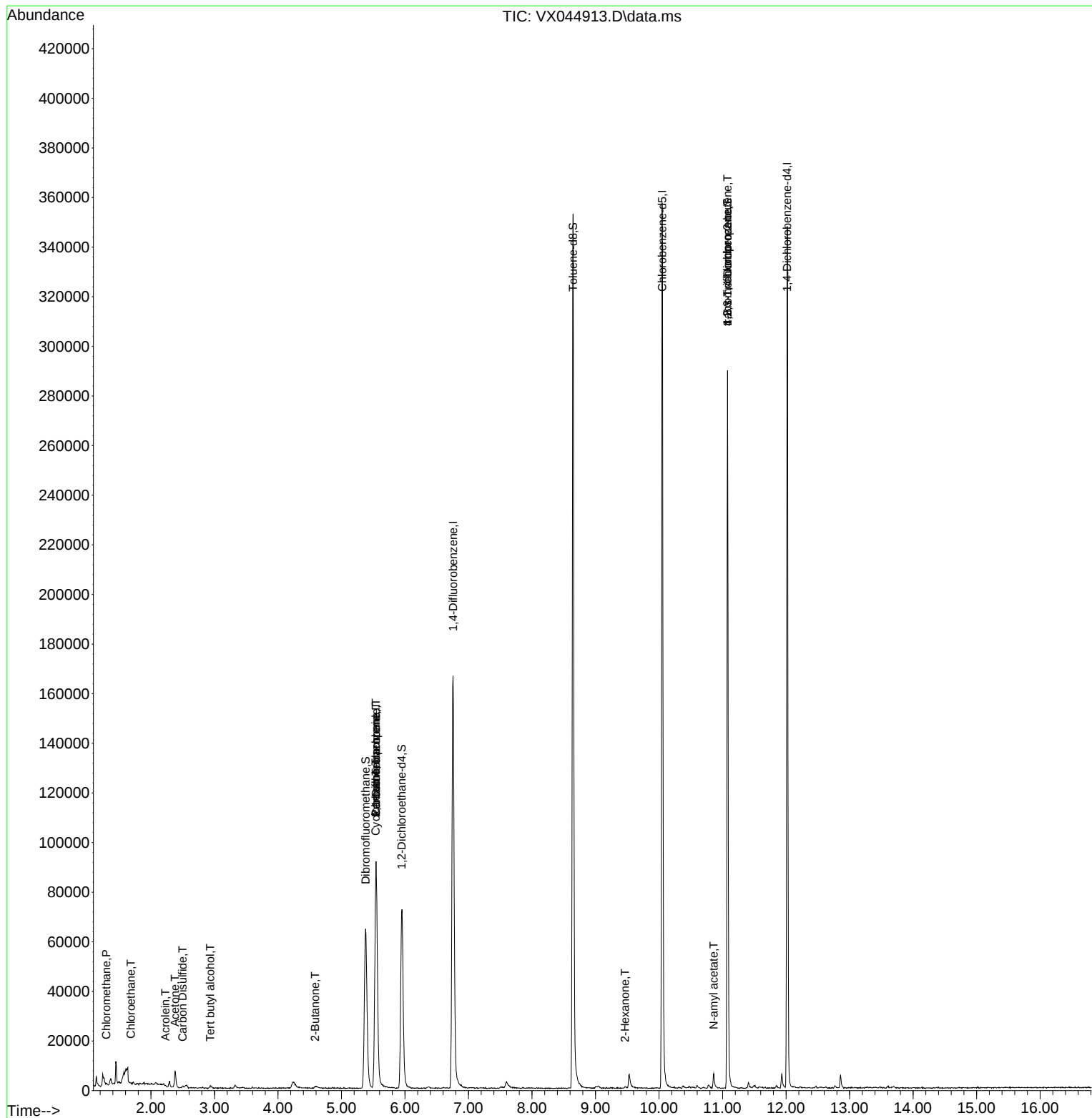
Internal Standards						
1) Pentafluorobenzene	5.544	168	86070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174840	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	160189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68009	53.979	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	5.379	113	58043	51.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.120%	
50) Toluene-d8	8.647	98	216863	50.451	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	11.079	95	74774	51.600	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	431	0.293	ug/l #	76
6) Chloroethane	1.685	64	76	1.452	ug/l #	42
11) Tert butyl alcohol	2.934	59	405	1.733	ug/l #	73
13) Acrolein	2.227	56	75	0.311	ug/l #	1
16) Acetone	2.380	43	7331	14.474	ug/l	97
17) Carbon Disulfide	2.495	76	771	0.253	ug/l #	82
25) 2-Butanone	4.586	43	902	1.097	ug/l #	88
31) Cyclohexane	5.537	56	2157	1.102	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7418	4.523	ug/l #	46
38) Carbon Tetrachloride	5.544	117	9119	5.674	ug/l #	16
59) 2-Hexanone	9.464	43	642	0.498	ug/l	82
74) N-amyl acetate	10.860	43	1358	0.549	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	39367	26.174	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	39367	67.330	ug/l #	11

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

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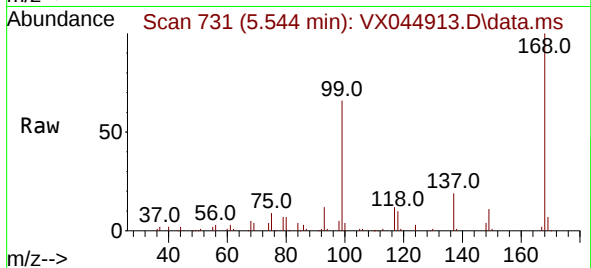
Quant Time: Feb 12 02:45:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
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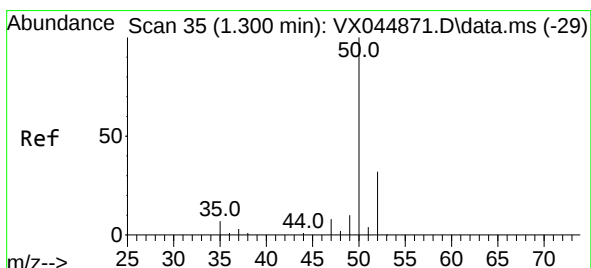
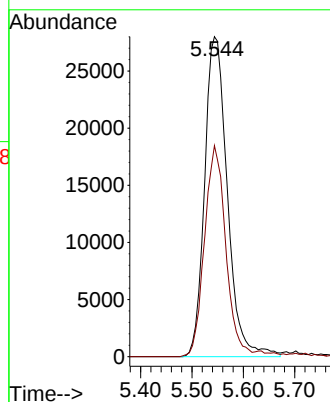
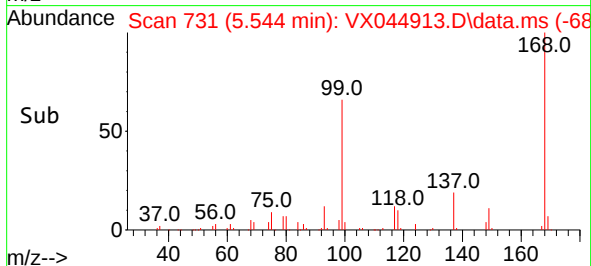


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

Instrument :
MSVOA_X
ClientSampleId :

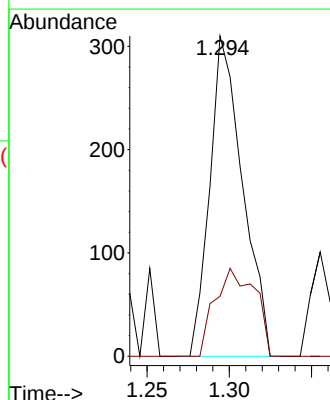
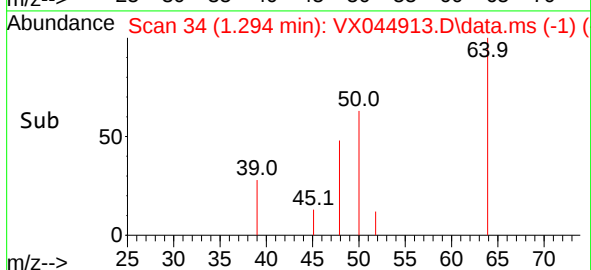
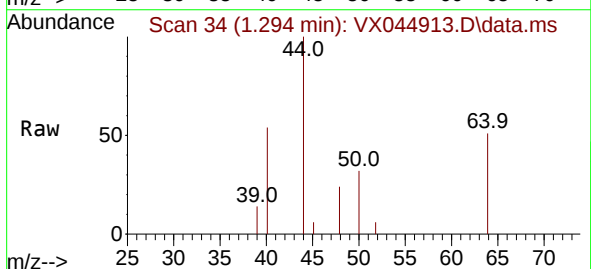


Tgt Ion:168 Resp: 86070
Ion Ratio Lower Upper
168 100
99 66.0 51.2 76.8

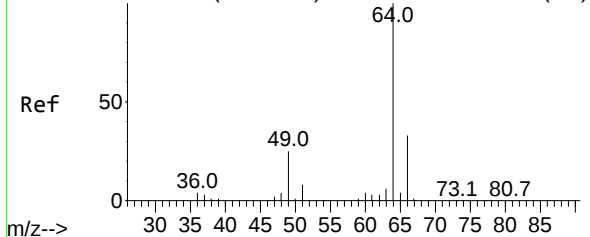


#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

Tgt Ion: 50 Resp: 431
Ion Ratio Lower Upper
50 100
52 18.7 25.9 38.9#



Abundance Scan 95 (1.666 min): VX044871.D\data.ms (-84)



#6

Chloroethane

Concen: 1.452 ug/l

RT: 1.685 min Scan# 91

Delta R.T. 0.019 min

Lab File: VX044913.D

Acq: 11 Feb 2025 17:56

Instrument :

MSVOA_X

ClientSampleId :

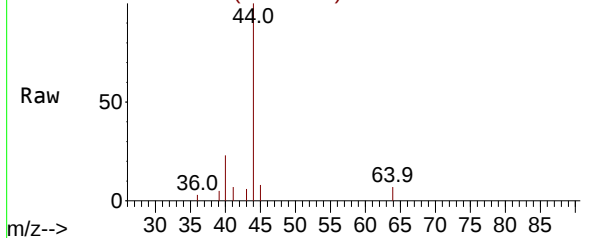
Tgt Ion: 64 Resp: 76

Ion Ratio Lower Upper

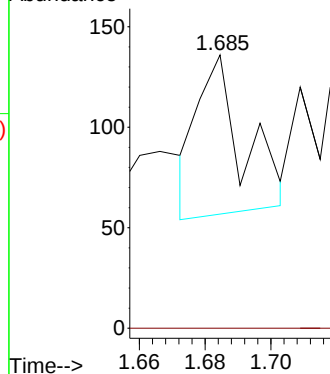
64 100

66 0.0 25.9 38.9#

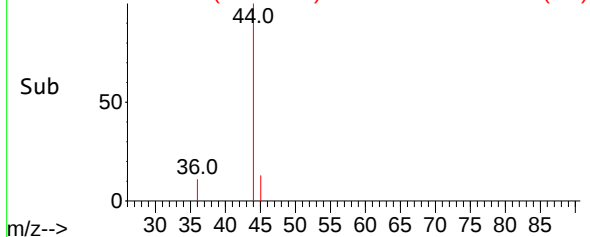
Abundance Scan 98 (1.685 min): VX044913.D\data.ms



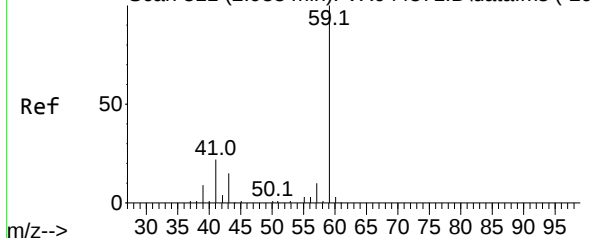
Abundance



Abundance Scan 98 (1.685 min): VX044913.D\data.ms (-46)



Abundance Scan 311 (2.983 min): VX044871.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 1.733 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.049 min

Lab File: VX044913.D

Acq: 11 Feb 2025 17:56

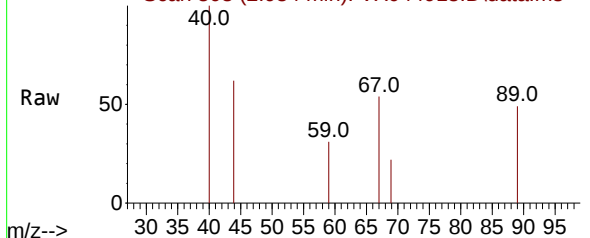
Tgt Ion: 59 Resp: 405

Ion Ratio Lower Upper

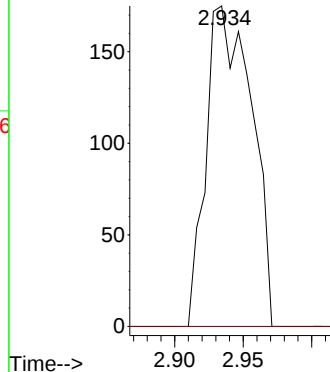
59 100

57 0.0 8.1 12.1#

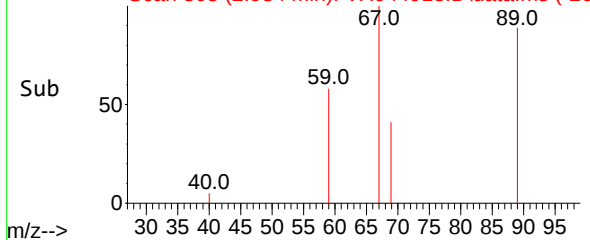
Abundance Scan 303 (2.934 min): VX044913.D\data.ms

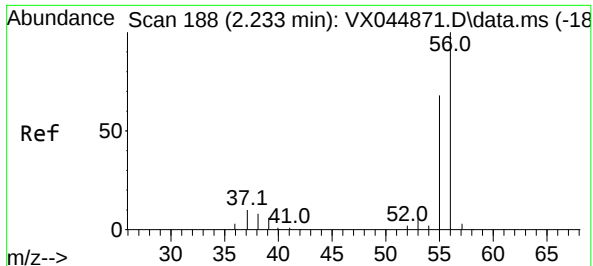


Abundance



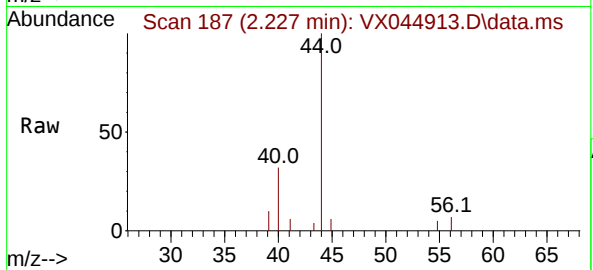
Abundance Scan 303 (2.934 min): VX044913.D\data.ms (-26)



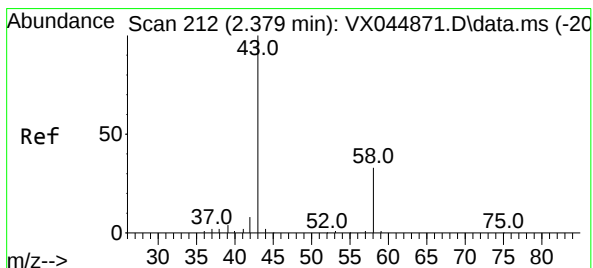
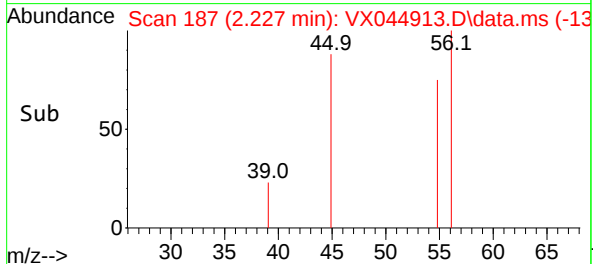
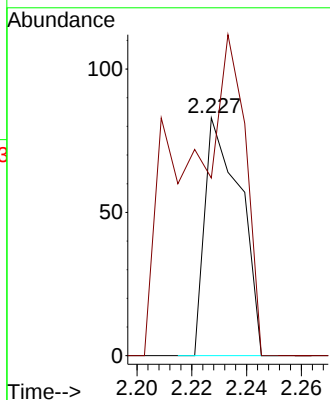


#13
Acrolein
Concen: 0.311 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

Instrument :
MSVOA_X
ClientSampleId :

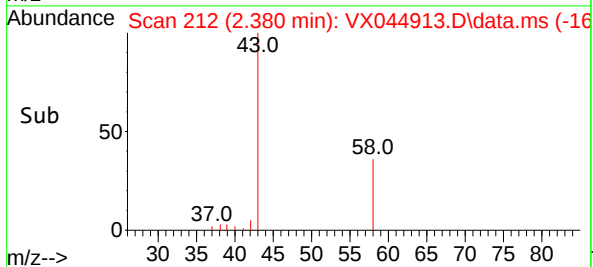
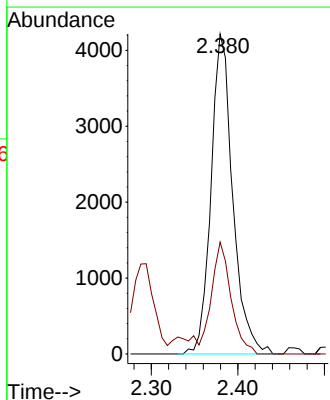
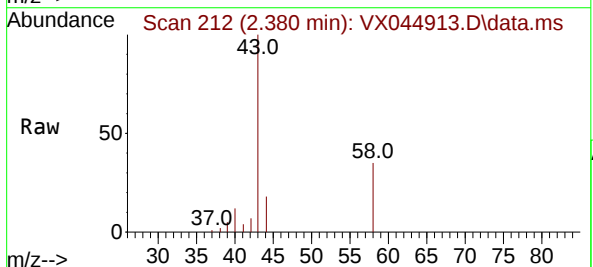


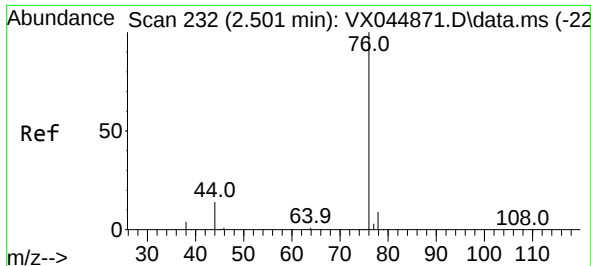
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 229.3 55.7 83.5#



#16
Acetone
Concen: 14.474 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

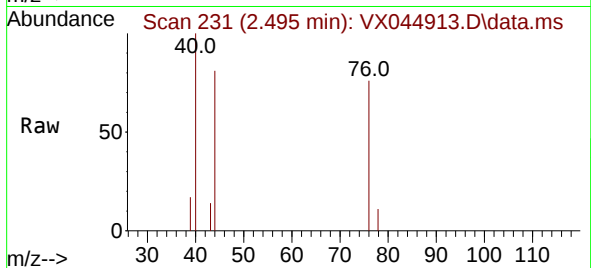
Tgt Ion: 43 Resp: 7331
Ion Ratio Lower Upper
43 100
58 35.0 26.5 39.7



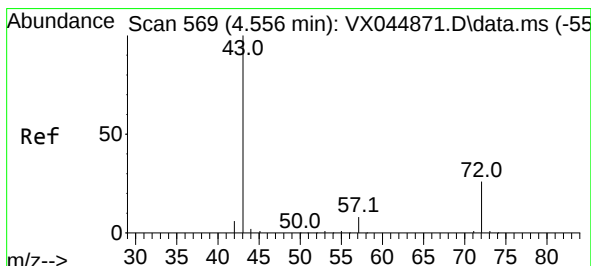
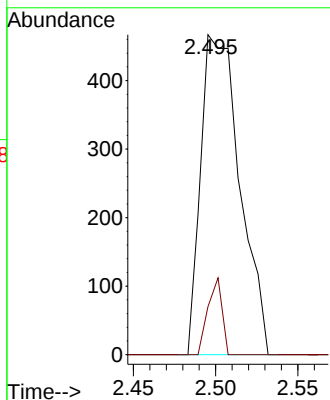
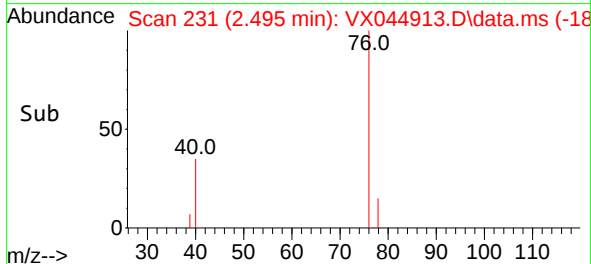


#17
Carbon Disulfide
Concen: 0.253 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

Instrument :
MSVOA_X
ClientSampleId :

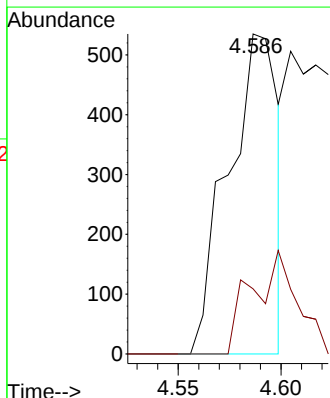
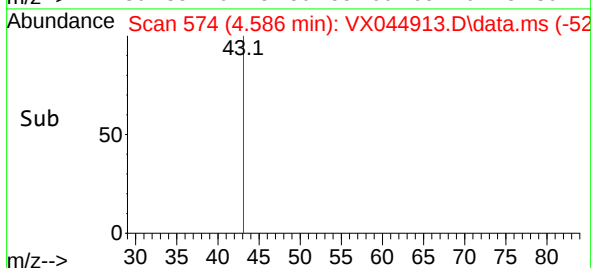
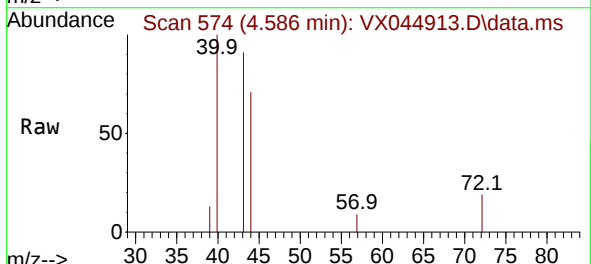


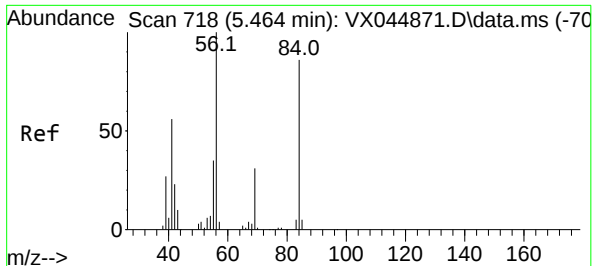
Tgt Ion: 76 Resp: 771
Ion Ratio Lower Upper
76 100
78 15.0 7.0 10.4#



#25
2-Butanone
Concen: 1.097 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.031 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
72 20.4 21.2 31.8#

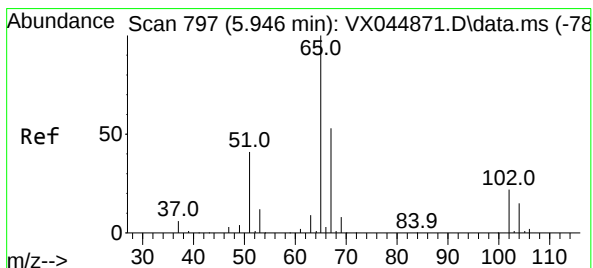
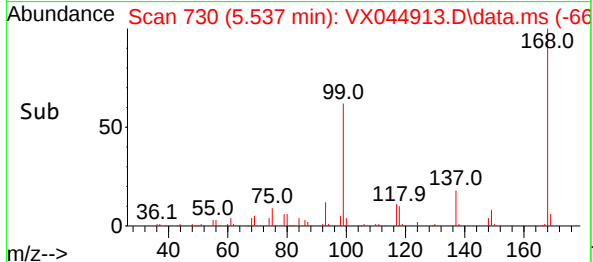
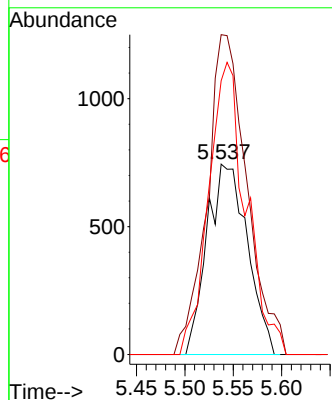
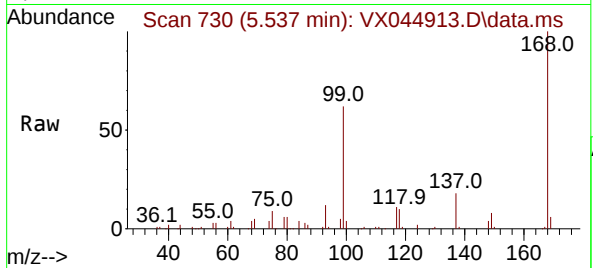




#31
Cyclohexane
Concen: 1.102 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

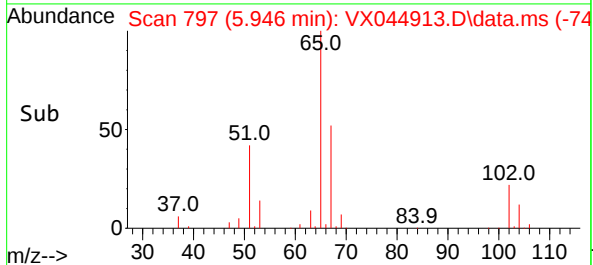
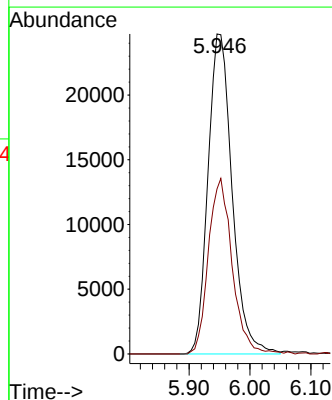
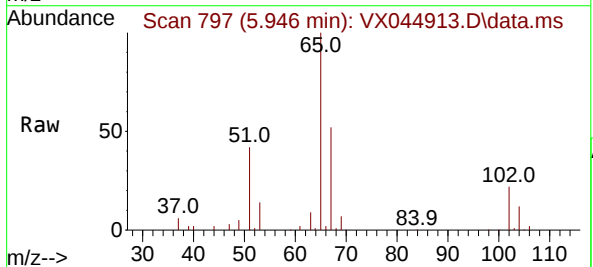
Instrument : MSVOA_X
ClientSampleId :

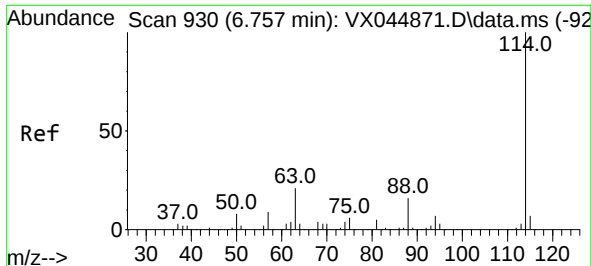
Tgt Ion: 56 Resp: 2157
Ion Ratio Lower Upper
56 100
69 157.4 24.4 36.6#
84 143.8 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 53.979 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

Tgt Ion: 65 Resp: 68009
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.2

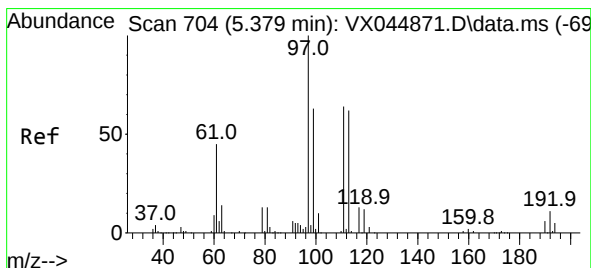
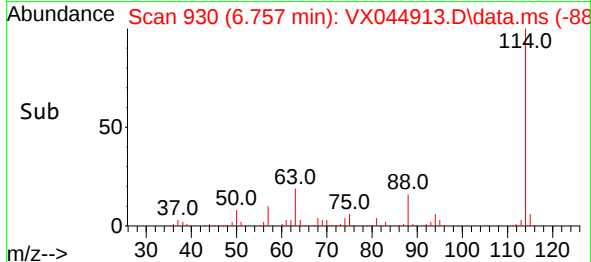
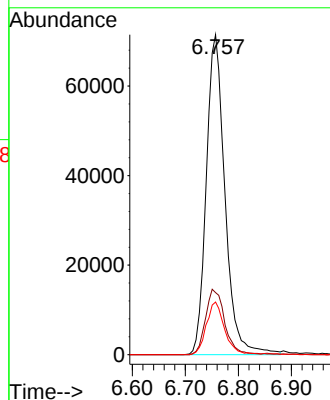
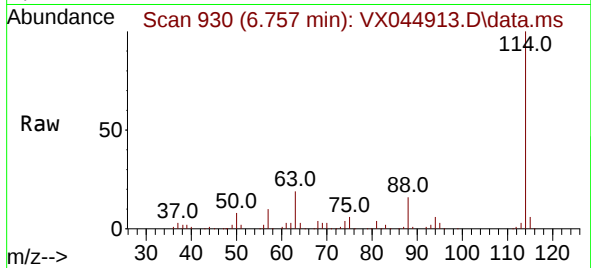




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

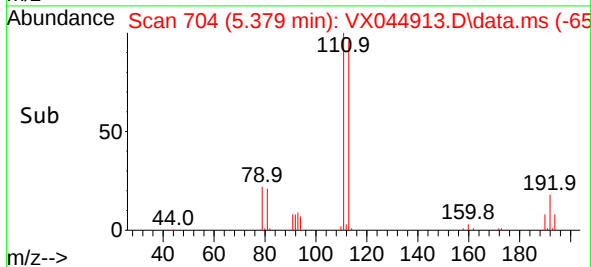
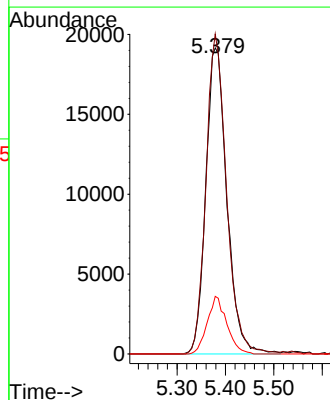
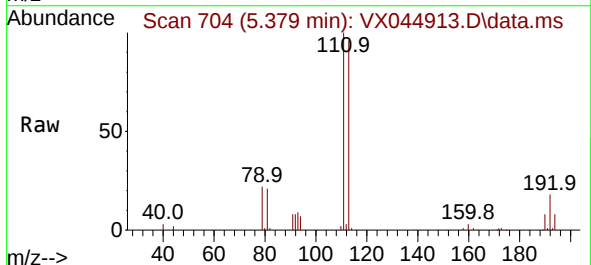
Instrument :
MSVOA_X
ClientSampleId :

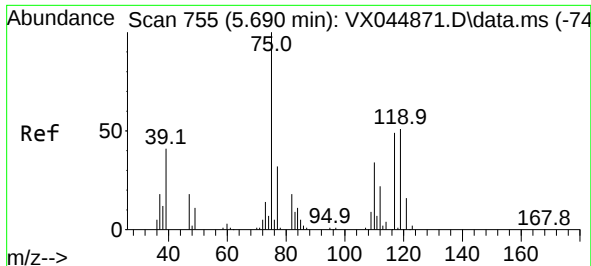
Tgt Ion:114 Resp: 174840
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.060 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

Tgt Ion:113 Resp: 58043
Ion Ratio Lower Upper
113 100
111 101.7 83.5 125.3
192 17.4 14.4 21.6





#36

1,1-Dichloropropene

Concen: 4.523 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX044913.D

Acq: 11 Feb 2025 17:56

Instrument :

MSVOA_X

ClientSampleId :

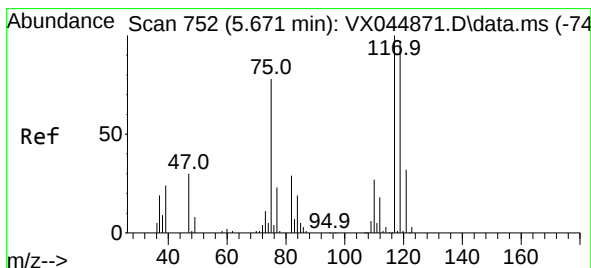
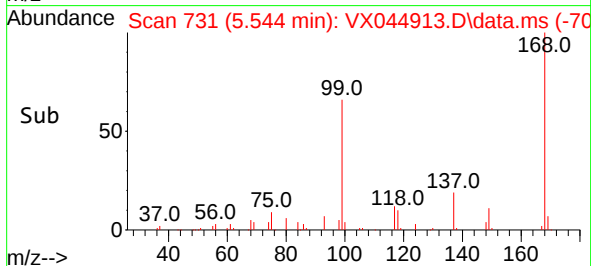
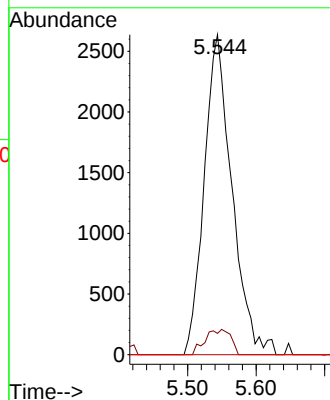
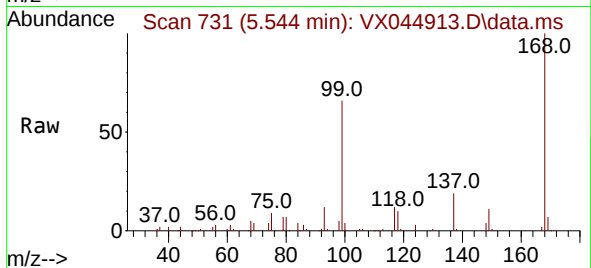
Tgt Ion: 75 Resp: 7418

Ion Ratio Lower Upper

75 100

110 4.0 17.2 51.6#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.674 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX044913.D

Acq: 11 Feb 2025 17:56

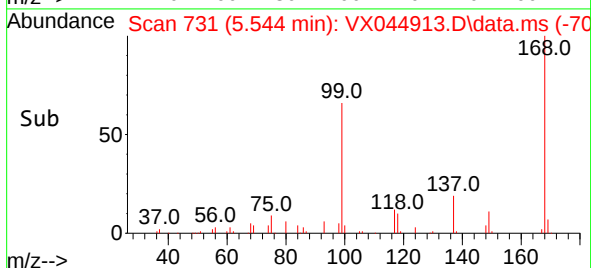
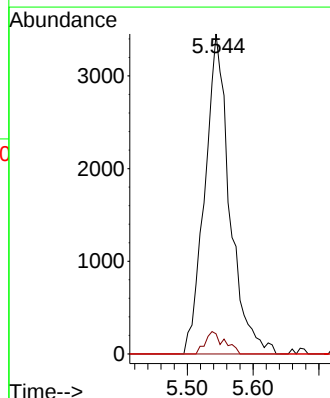
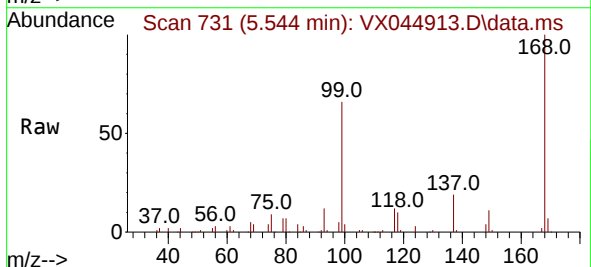
Tgt Ion: 117 Resp: 9119

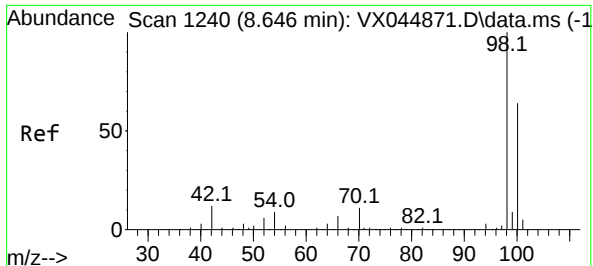
Ion Ratio Lower Upper

117 100

119 6.3 77.5 116.3#

121 0.0 25.6 38.4#





#50

Toluene-d8

Concen: 50.451 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044913.D

Acq: 11 Feb 2025 17:56

Instrument :

MSVOA_X

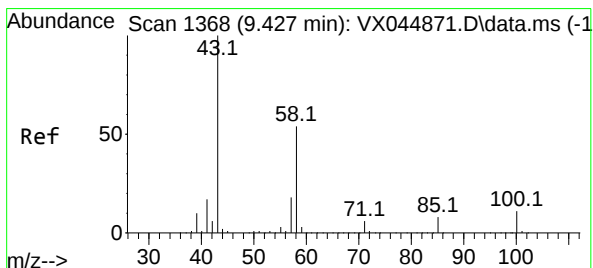
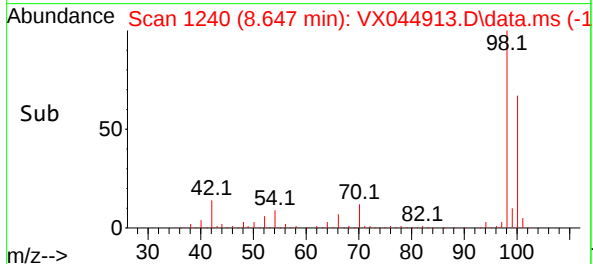
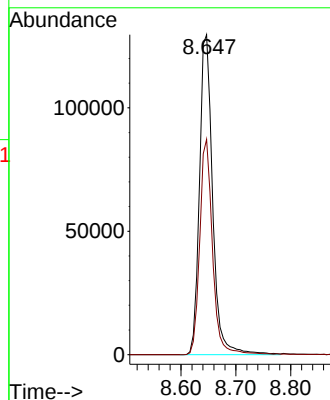
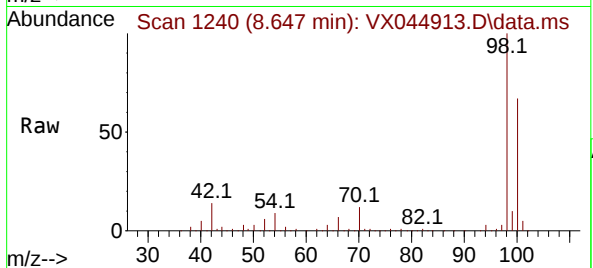
ClientSampleId :

Tgt Ion: 98 Resp: 216863

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#59

2-Hexanone

Concen: 0.498 ug/l

RT: 9.464 min Scan# 1374

Delta R.T. 0.037 min

Lab File: VX044913.D

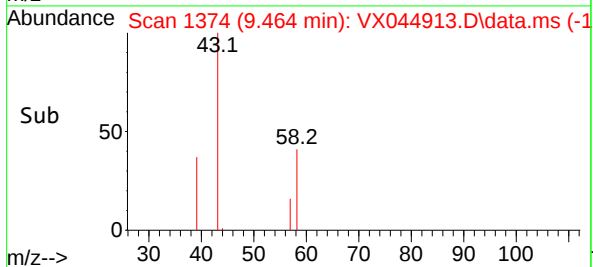
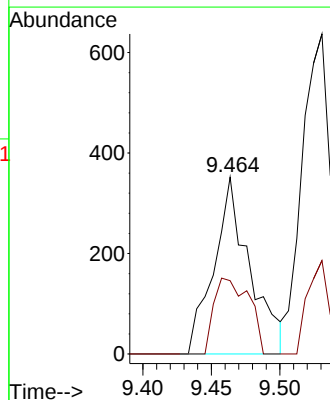
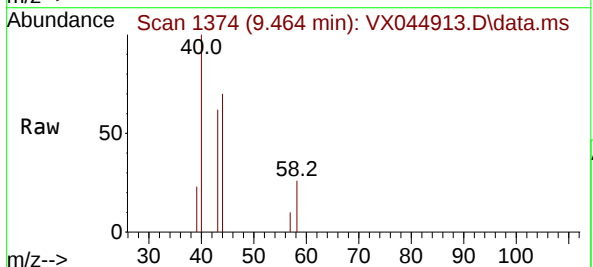
Acq: 11 Feb 2025 17:56

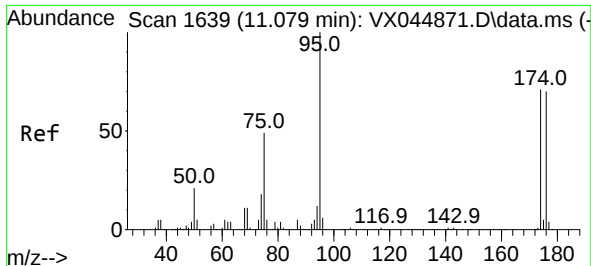
Tgt Ion: 43 Resp: 642

Ion Ratio Lower Upper

43 100

58 41.7 27.5 82.4





#62

4-Bromofluorobenzene

Concen: 51.600 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044913.D

Acq: 11 Feb 2025 17:56

Instrument :

MSVOA_X

ClientSampleId :

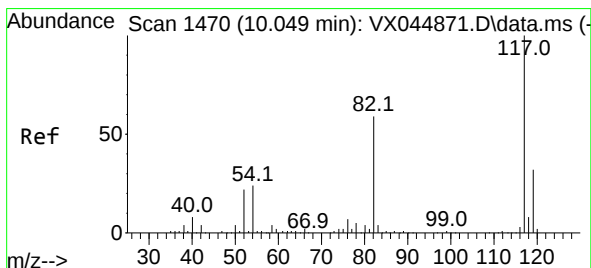
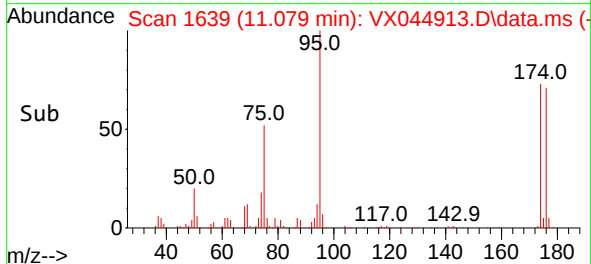
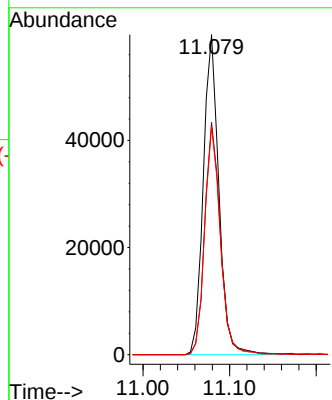
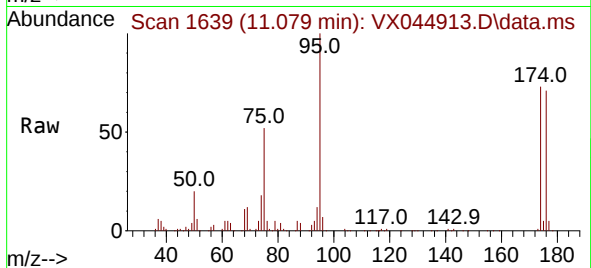
Tgt Ion: 95 Resp: 74774

Ion Ratio Lower Upper

95 100

174 73.2 0.0 142.6

176 71.6 0.0 141.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044913.D

Acq: 11 Feb 2025 17:56

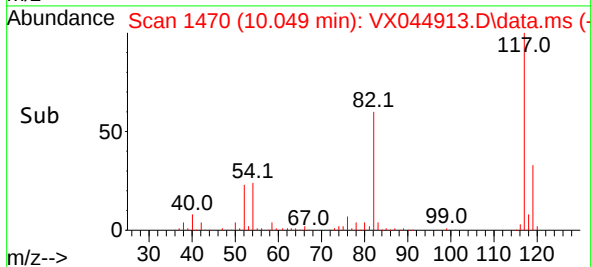
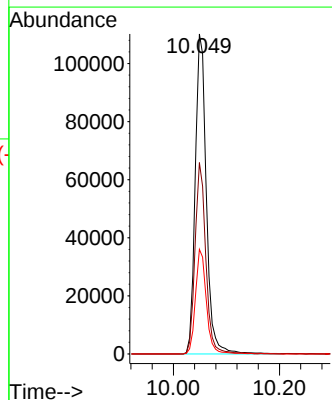
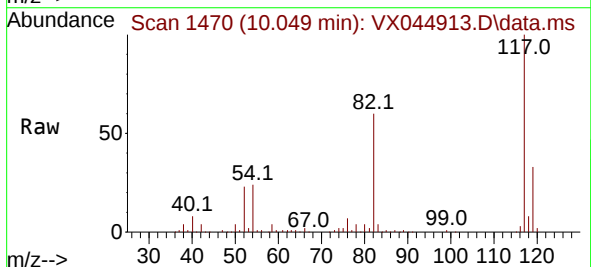
Tgt Ion: 117 Resp: 160189

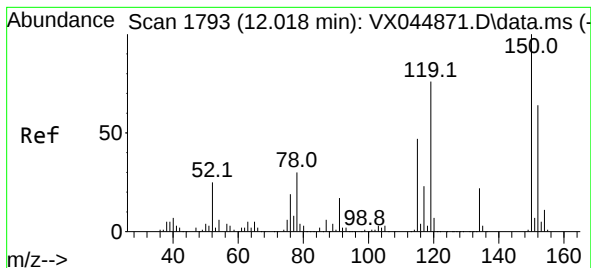
Ion Ratio Lower Upper

117 100

82 59.8 47.5 71.3

119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044913.D

Acq: 11 Feb 2025 17:56

Instrument :

MSVOA_X

ClientSampleId :

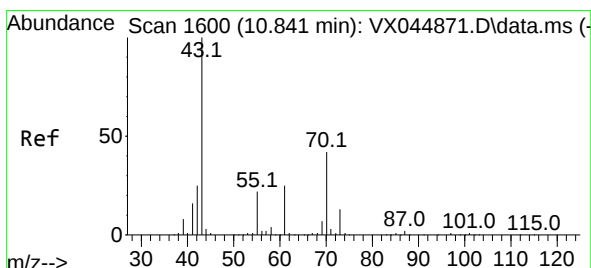
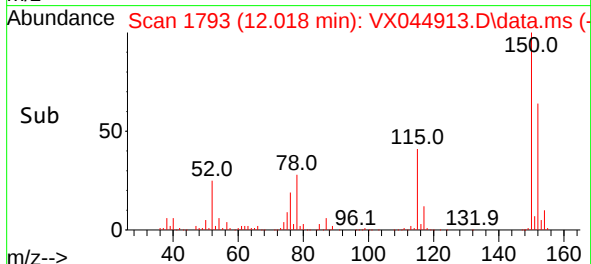
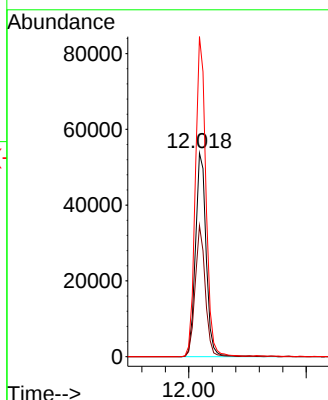
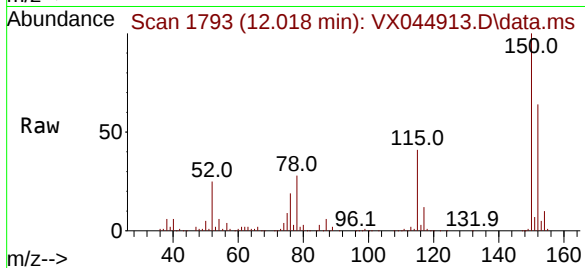
Tgt Ion:152 Resp: 67837

Ion Ratio Lower Upper

152 100

115 60.9 43.4 130.1

150 155.8 0.0 350.4



#74

N-ethyl acetate

Concen: 0.549 ug/l

RT: 10.860 min Scan# 1603

Delta R.T. 0.018 min

Lab File: VX044913.D

Acq: 11 Feb 2025 17:56

Tgt Ion: 43 Resp: 1358

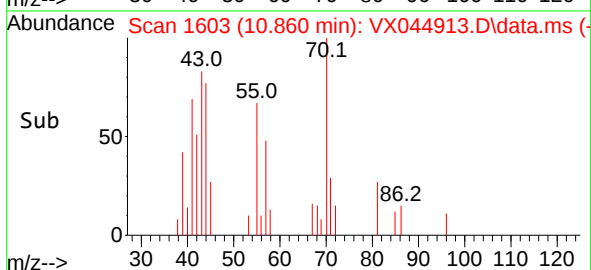
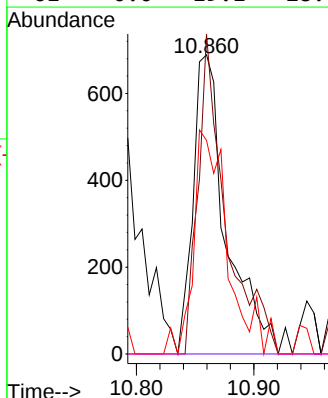
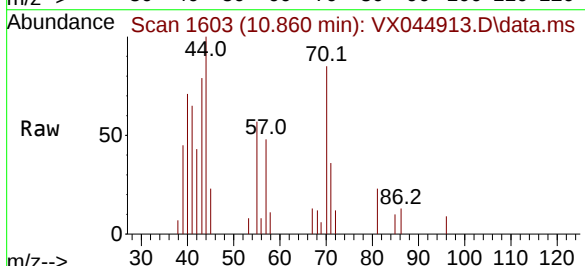
Ion Ratio Lower Upper

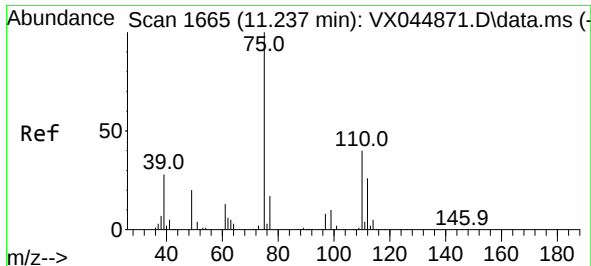
43 100

70 89.1 33.7 50.5#

55 71.4 18.6 27.8#

61 0.0 19.1 28.7#

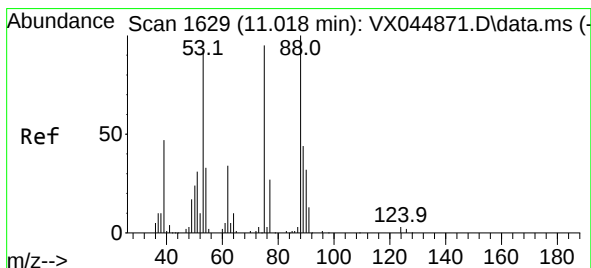
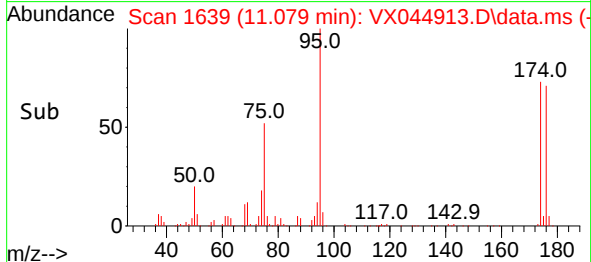
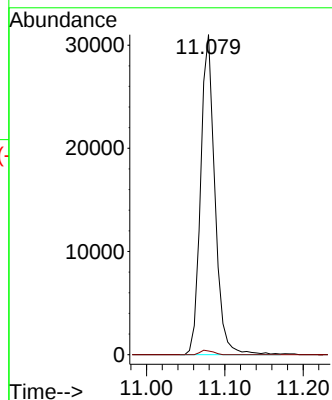
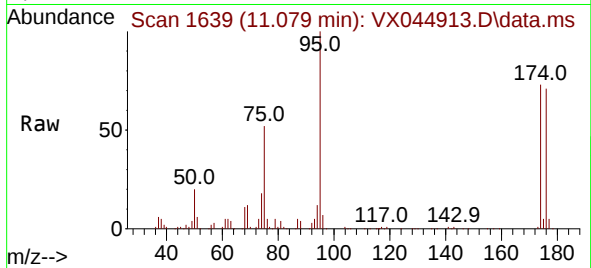




#76
1,2,3-Trichloropropane
Concen: 26.174 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 39367
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.330 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044913.D
Acq: 11 Feb 2025 17:56

Tgt Ion: 75 Resp: 39367
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 36.6 54.8#

