

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044904.D
 Acq On : 11 Feb 2025 14:29
 Operator : JC/MD
 Sample : Q1283-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 02:42:29 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)

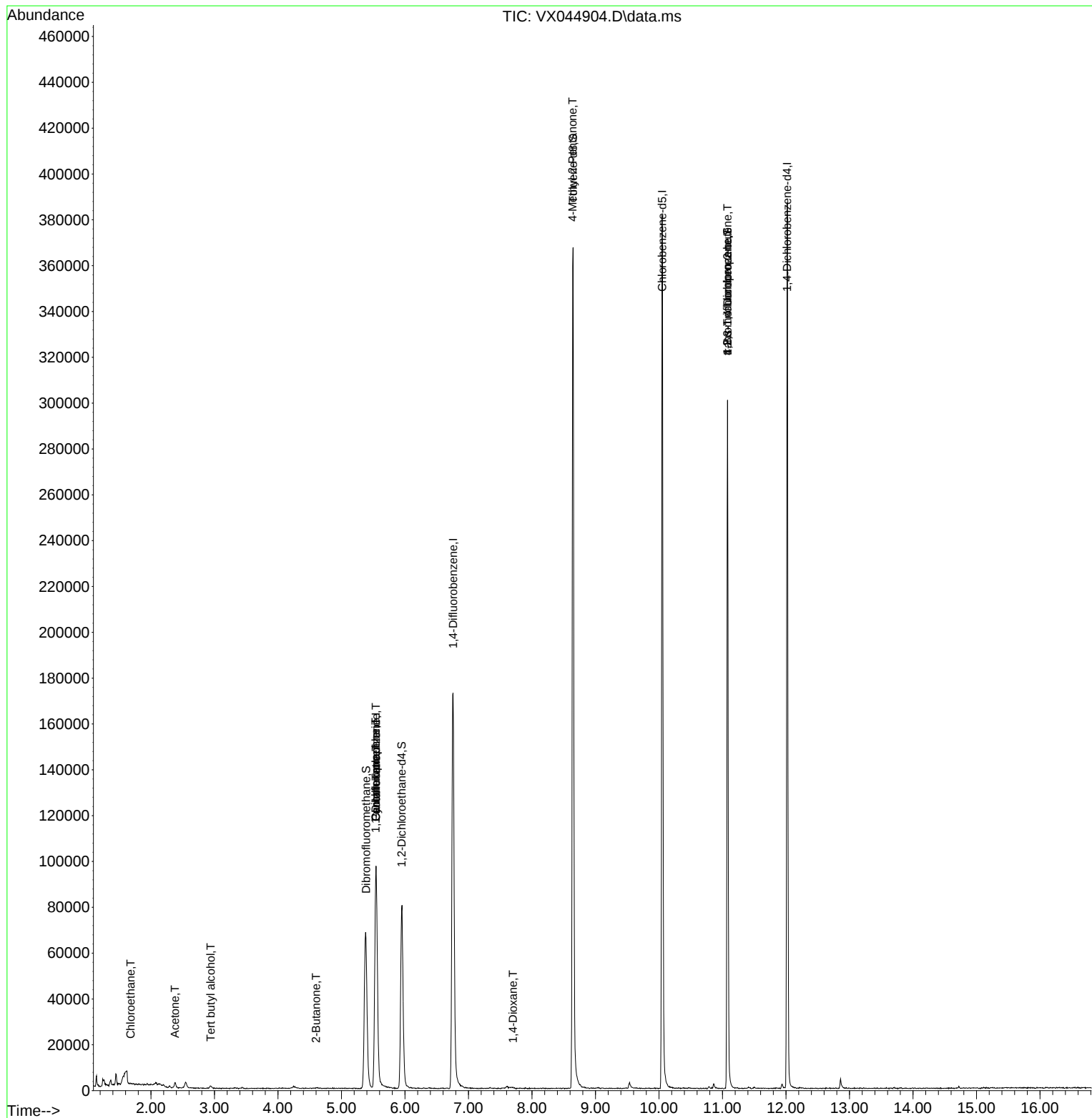
Internal Standards						
1) Pentafluorobenzene	5.544	168	94241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	190687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	172611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73103	52.992	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.980%	
35) Dibromofluoromethane	5.385	113	62559	50.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.920%	
50) Toluene-d8	8.647	98	232522	49.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.200%	
62) 4-Bromofluorobenzene	11.079	95	81582	51.619	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.240%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	24	1.373	ug/l #	42
11) Tert butyl alcohol	2.941	59	415	1.622	ug/l #	73
16) Acetone	2.380	43	2688	4.847	ug/l #	86
25) 2-Butanone	4.599	43	246	0.273	ug/l #	48
31) Cyclohexane	5.544	56	2192	1.023	ug/l #	28
36) 1,1-Dichloropropene	5.538	75	8262	4.619	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9998	5.704	ug/l #	14
49) 1,4-Dioxane	7.702	88	350	10.769	ug/l #	31
51) 4-Methyl-2-Pentanone	8.641	43	1197	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42965	26.094	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42965	67.125	ug/l #	11

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

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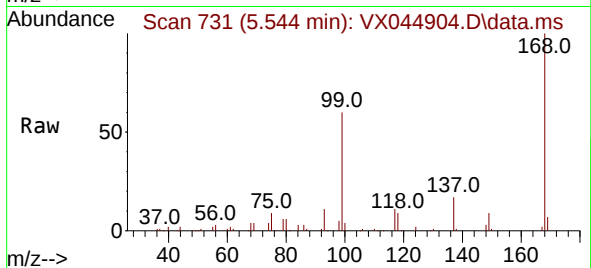


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

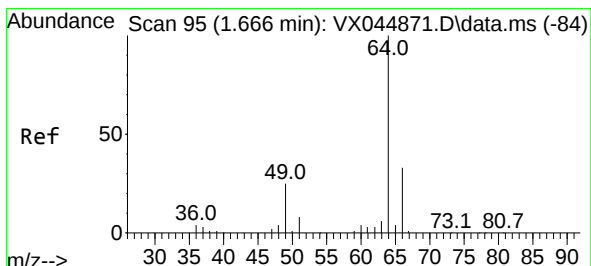
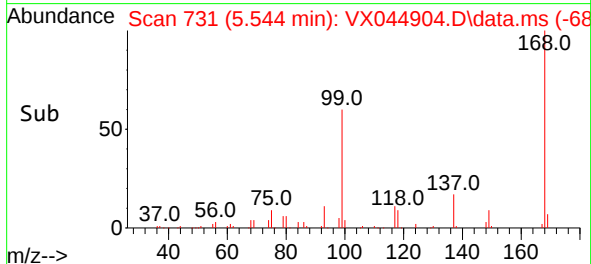
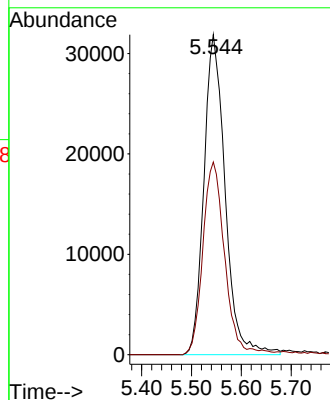
Instrument :

MSVOA_X

ClientSampleId :

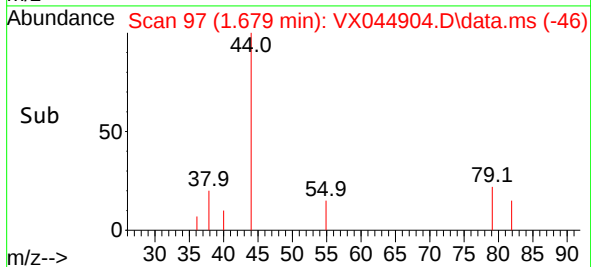
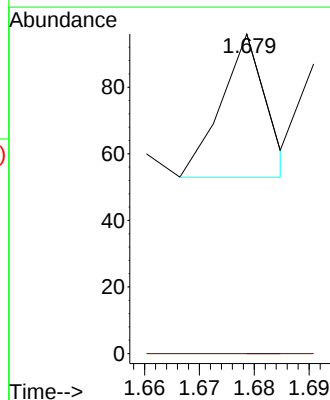
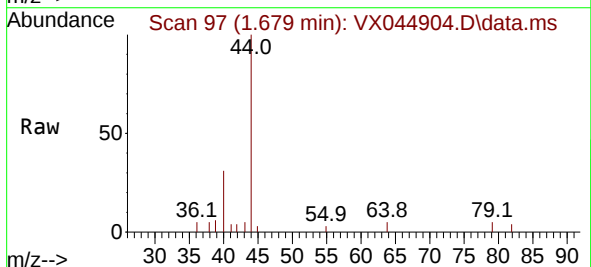


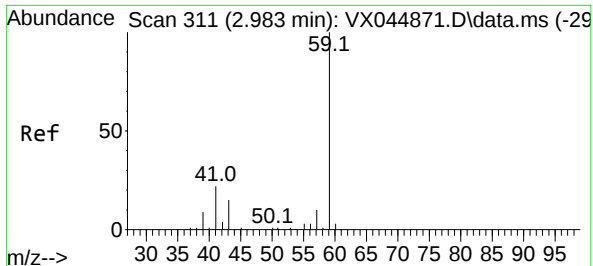
Tgt Ion:168 Resp: 94241
Ion Ratio Lower Upper
168 100
99 60.2 51.2 76.8



#6
Chloroethane
Concen: 1.373 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.013 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

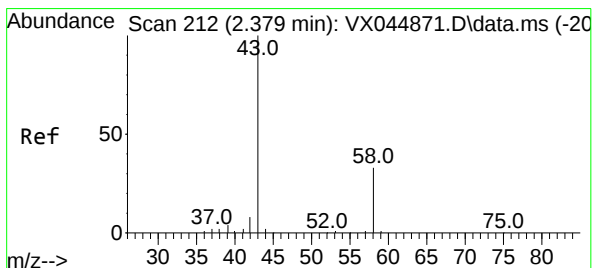
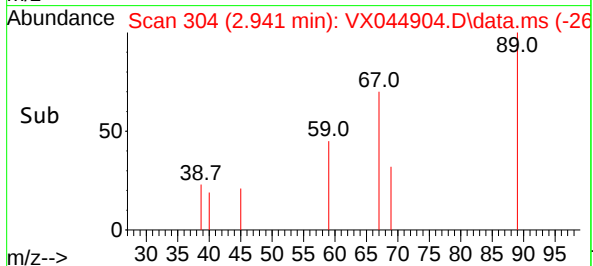
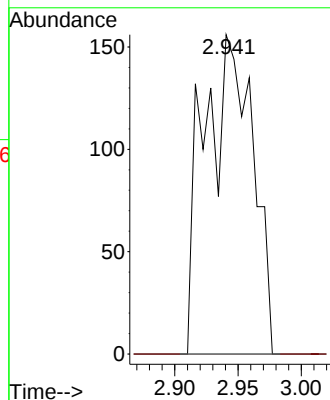
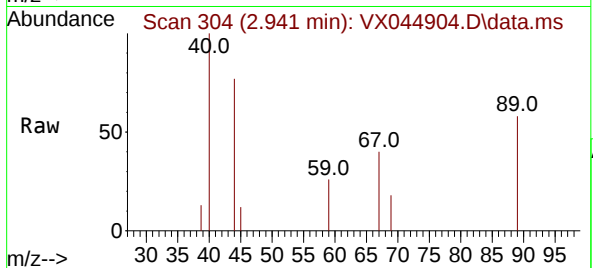




#11
Tert butyl alcohol
Concen: 1.622 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

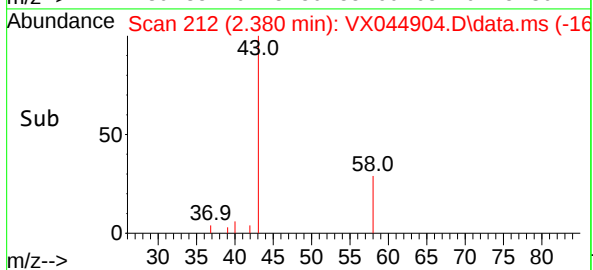
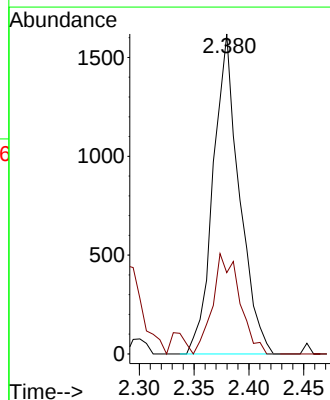
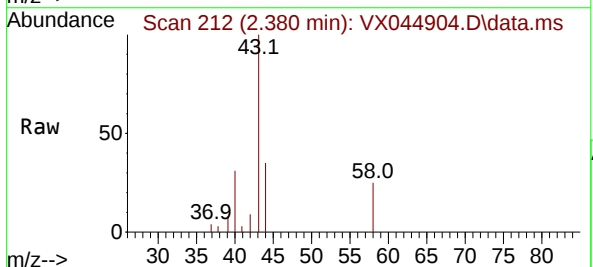
Instrument :
MSVOA_X
ClientSampleId :

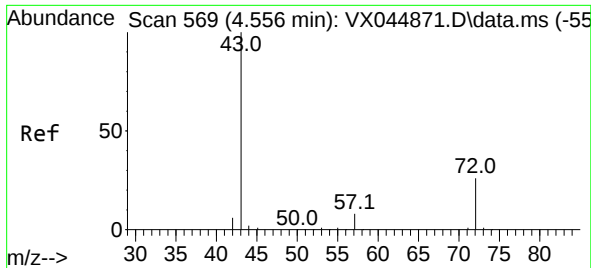
Tgt Ion: 59 Resp: 415
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 4.847 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

Tgt Ion: 43 Resp: 2688
Ion Ratio Lower Upper
43 100
58 25.4 26.5 39.7#

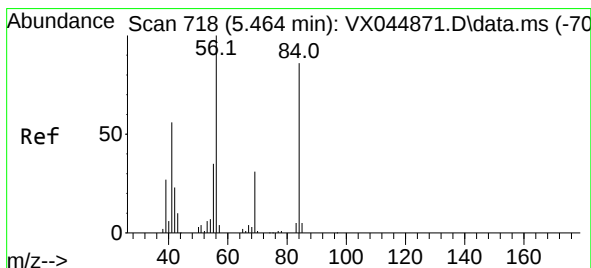
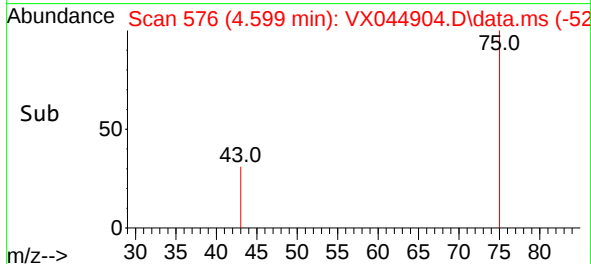
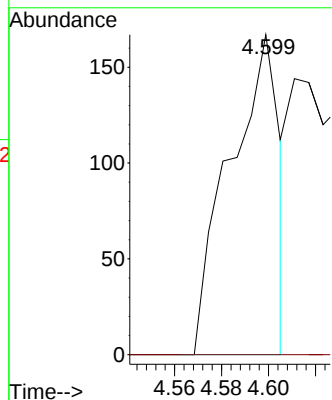
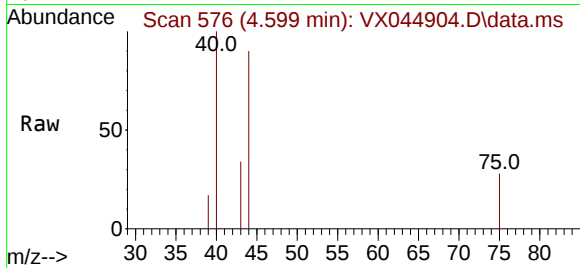




#25
2-Butanone
Concen: 0.273 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

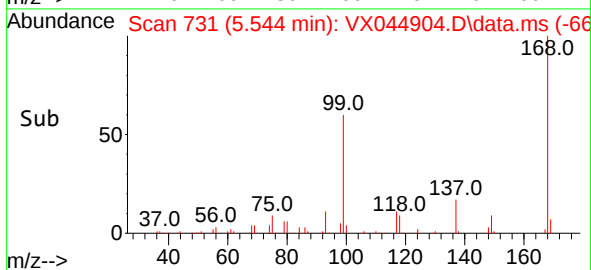
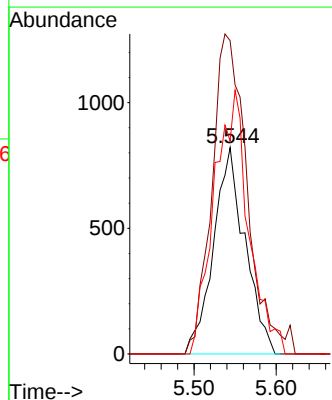
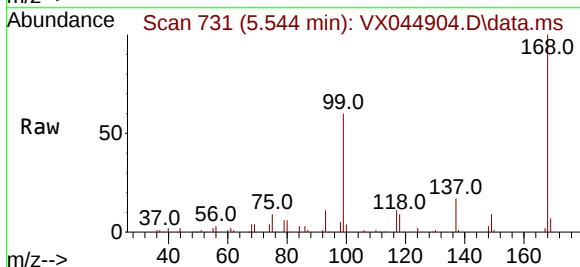
Instrument :
MSVOA_X
ClientSampleId :

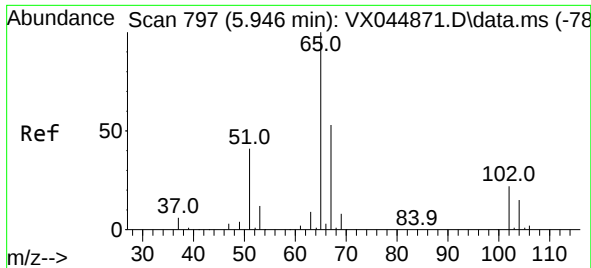
Tgt Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.023 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

Tgt Ion: 56 Resp: 2192
Ion Ratio Lower Upper
56 100
69 151.8 24.4 36.6#
84 103.2 69.0 103.6

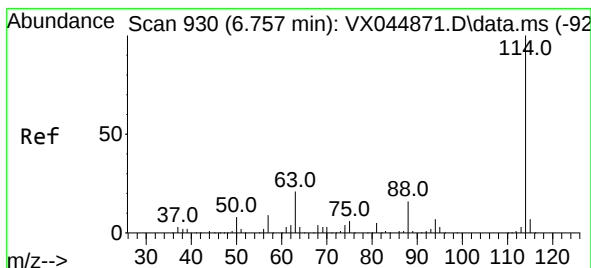
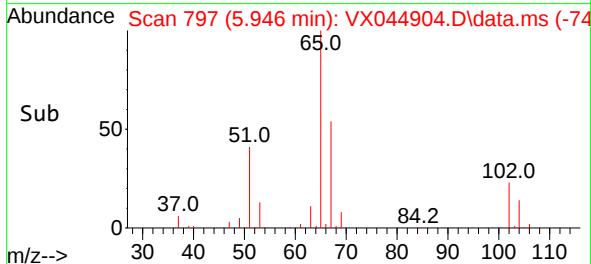
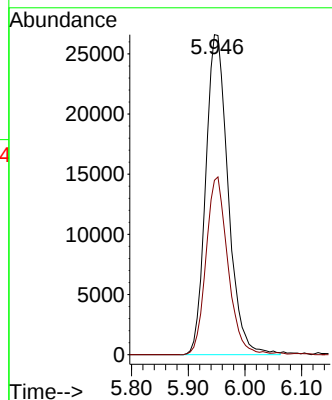
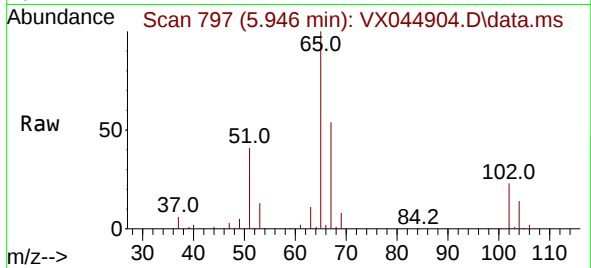




#33
 1,2-Dichloroethane-d4
 Concen: 52.992 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044904.D
 Acq: 11 Feb 2025 14:29

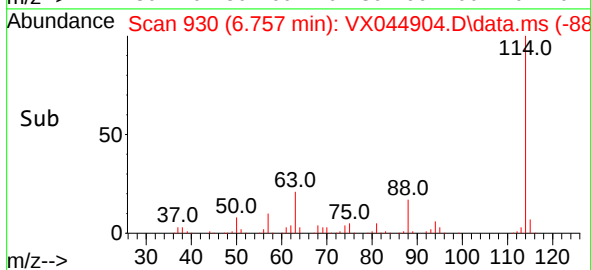
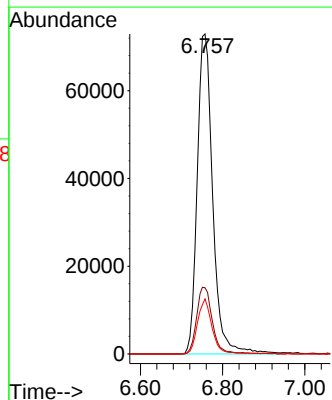
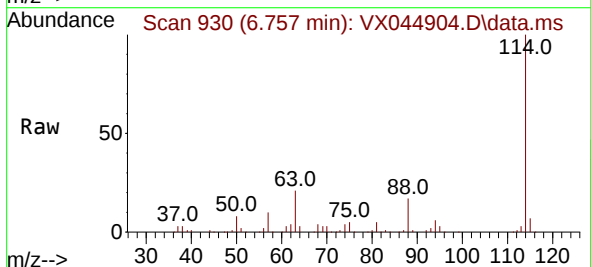
Instrument :
 MSVOA_X
 ClientSampleId :

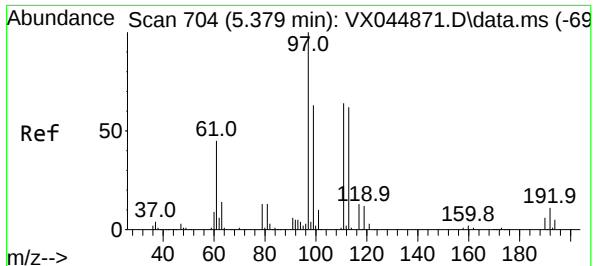
Tgt Ion: 65 Resp: 73103
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044904.D
 Acq: 11 Feb 2025 14:29

Tgt Ion: 114 Resp: 190687
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 17.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.460 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.007 min

Lab File: VX044904.D

Acq: 11 Feb 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

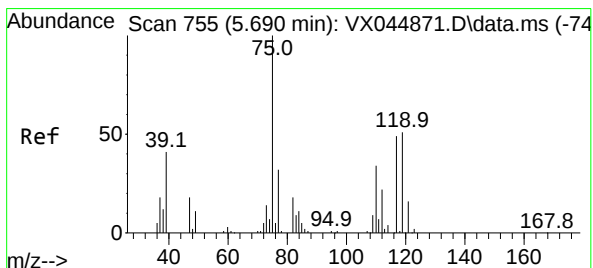
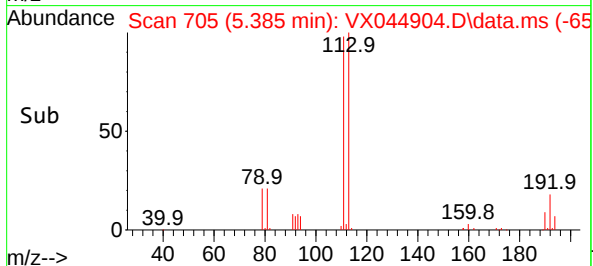
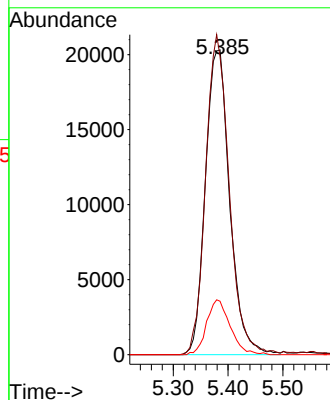
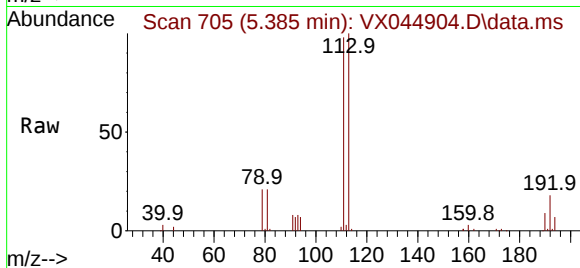
Tgt Ion:113 Resp: 62559

Ion Ratio Lower Upper

113 100

111 101.6 83.5 125.3

192 17.4 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.619 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.152 min

Lab File: VX044904.D

Acq: 11 Feb 2025 14:29

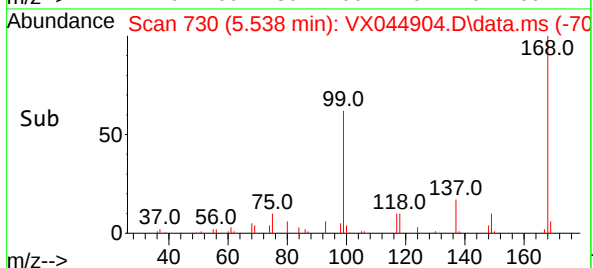
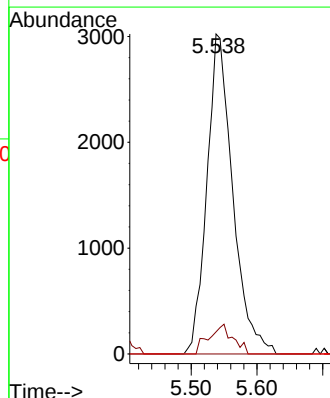
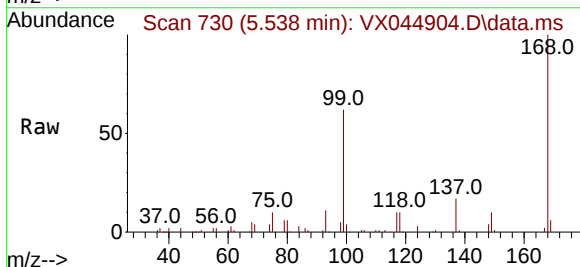
Tgt Ion: 75 Resp: 8262

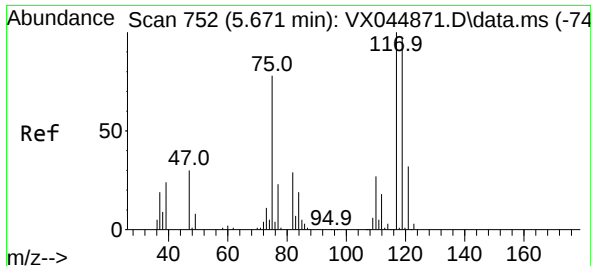
Ion Ratio Lower Upper

75 100

110 8.6 17.2 51.6#

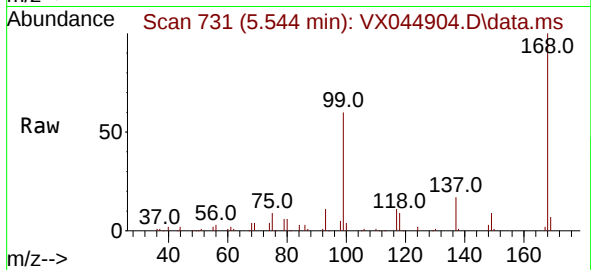
77 0.0 24.6 37.0#



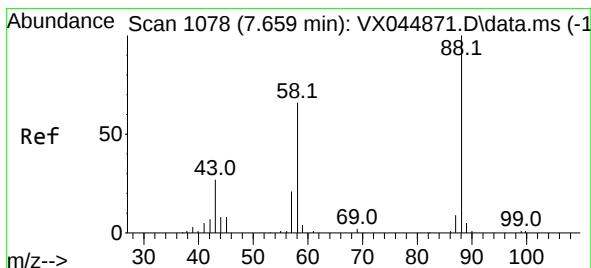
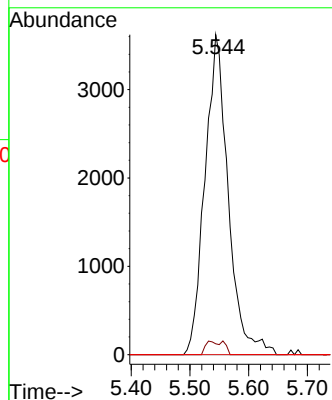
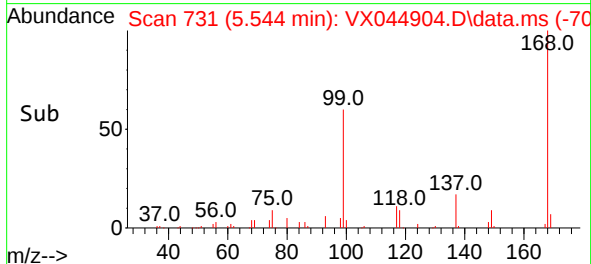


#38
Carbon Tetrachloride
Concen: 5.704 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :

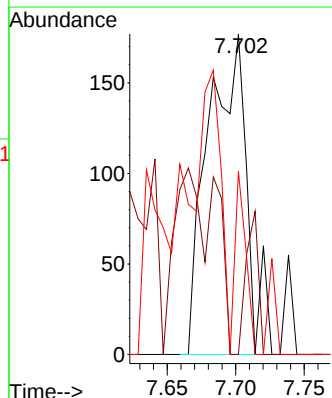
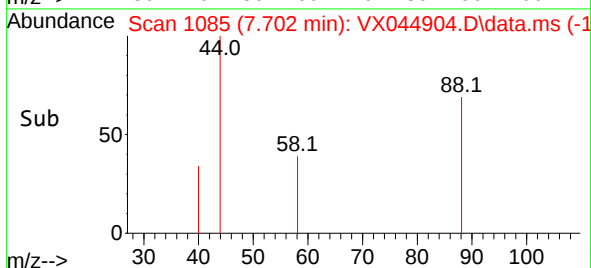
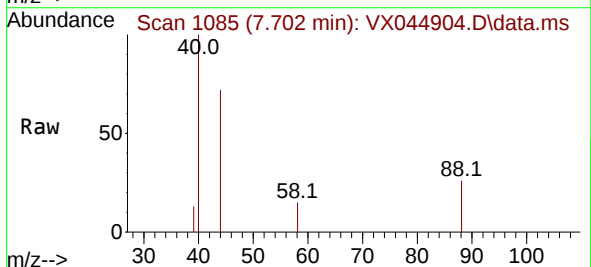


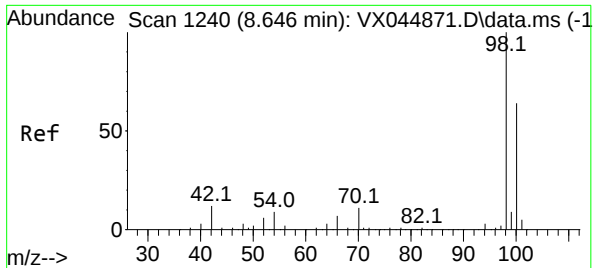
Tgt Ion:117 Resp: 9998
Ion Ratio Lower Upper
117 100
119 3.4 77.5 116.3#
121 0.0 25.6 38.4#



#49
1,4-Dioxane
Concen: 10.769 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.043 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

Tgt Ion: 88 Resp: 350
Ion Ratio Lower Upper
88 100
43 14.0 26.6 39.8#
58 0.0 55.9 83.9#

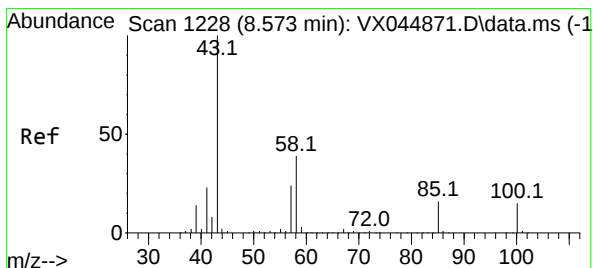
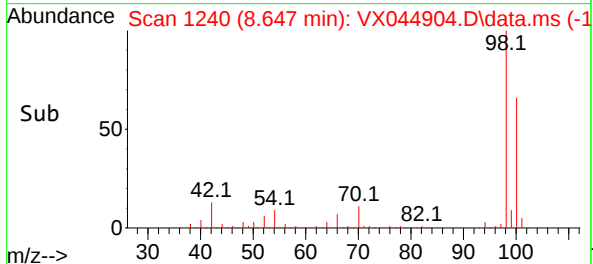
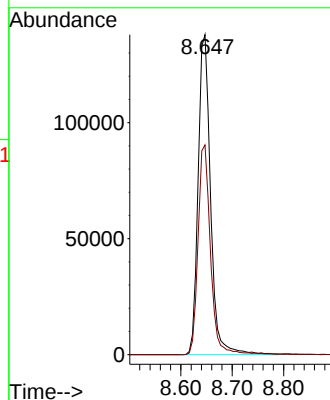
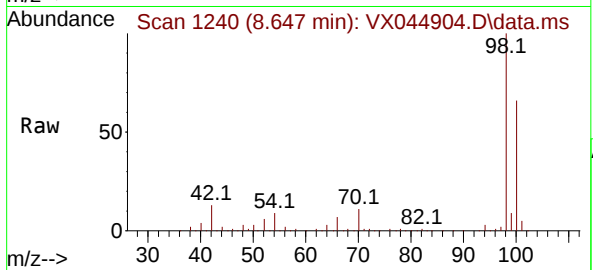




#50
Toluene-d8
Concen: 49.598 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

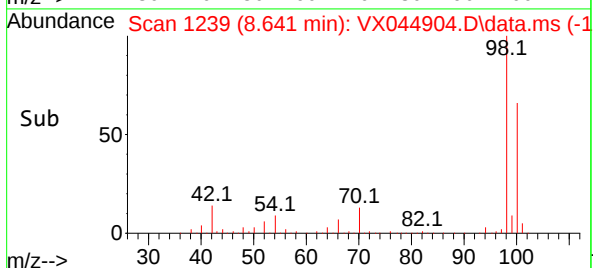
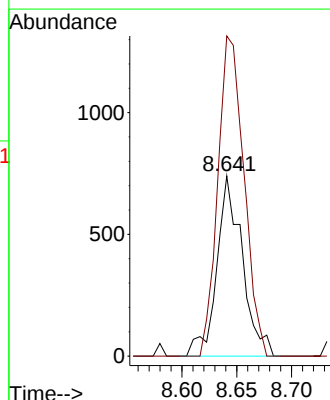
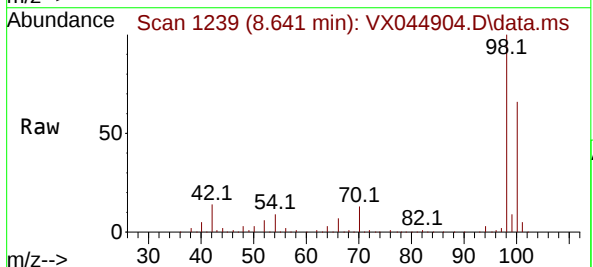
Instrument :
MSVOA_X
ClientSampleId :

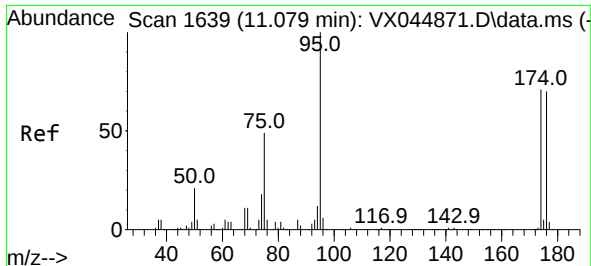
Tgt Ion: 98 Resp: 232522
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
58 182.1 30.8 46.2#





#62

4-Bromofluorobenzene

Concen: 51.619 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044904.D

Acq: 11 Feb 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

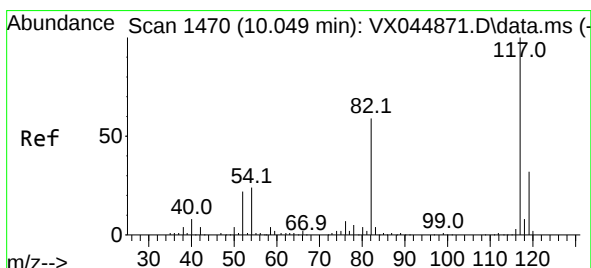
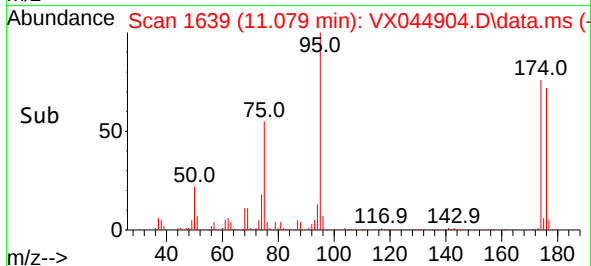
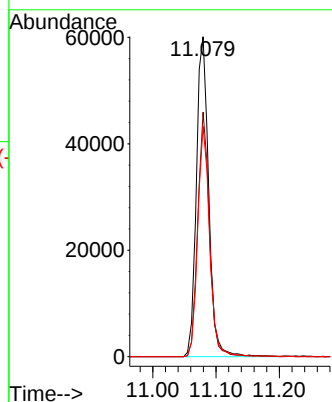
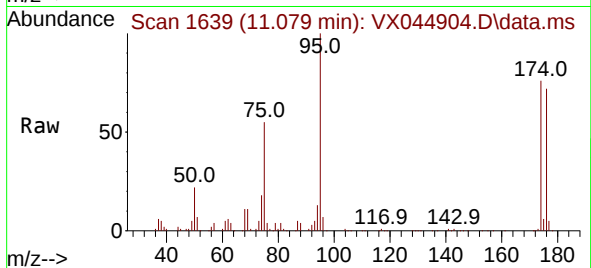
Tgt Ion: 95 Resp: 81582

Ion Ratio Lower Upper

95 100

174 72.6 0.0 142.6

176 69.8 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: VX044904.D

Acq: 11 Feb 2025 14:29

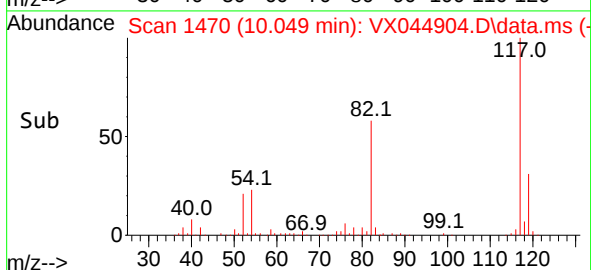
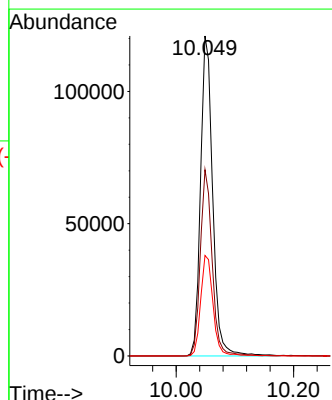
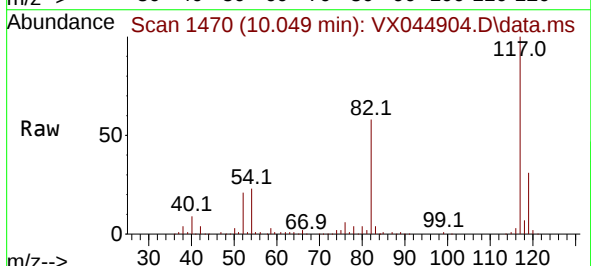
Tgt Ion: 117 Resp: 172611

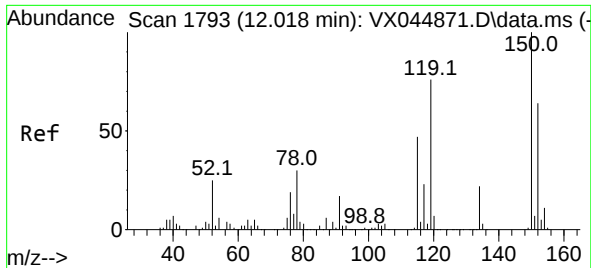
Ion Ratio Lower Upper

117 100

82 58.2 47.5 71.3

119 31.4 25.4 38.0

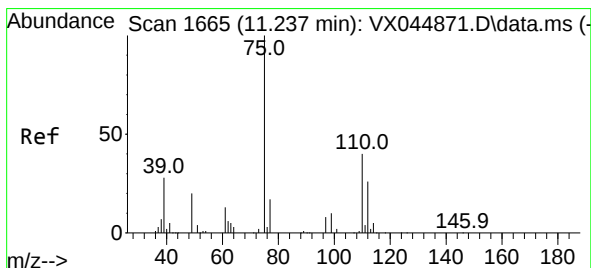
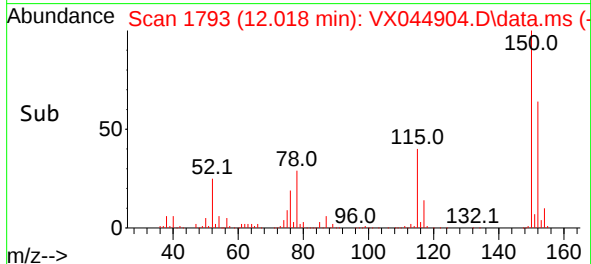
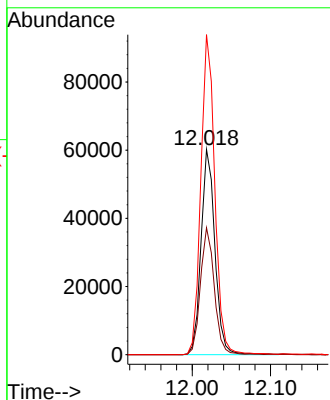
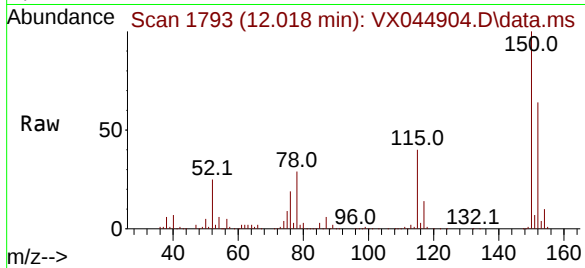




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

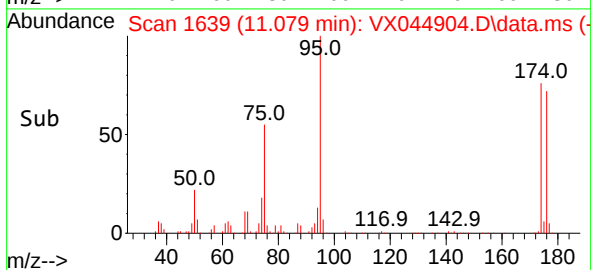
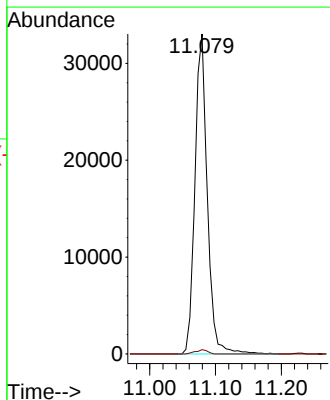
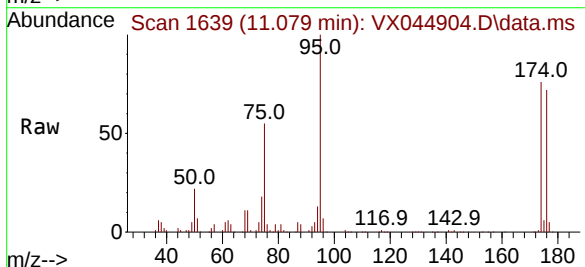
Instrument :
MSVOA_X
ClientSampleId :

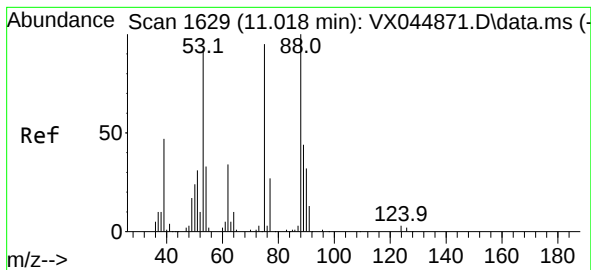
Tgt Ion:152 Resp: 74263
Ion Ratio Lower Upper
152 100
115 62.0 43.4 130.1
150 156.7 0.0 350.4



#76
1,2,3-Trichloropropane
Concen: 26.094 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

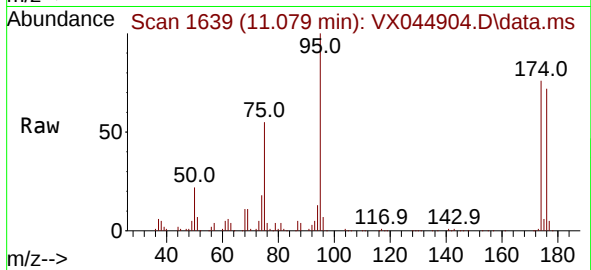
Tgt Ion: 75 Resp: 42965
Ion Ratio Lower Upper
75 100
77 1.3 21.9 65.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.125 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044904.D
Acq: 11 Feb 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 42965
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

