

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044908.D
 Acq On : 11 Feb 2025 16:01
 Operator : JC/MD
 Sample : Q1349-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-1-PERMIT

Quant Time: Feb 12 02:44:14 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)

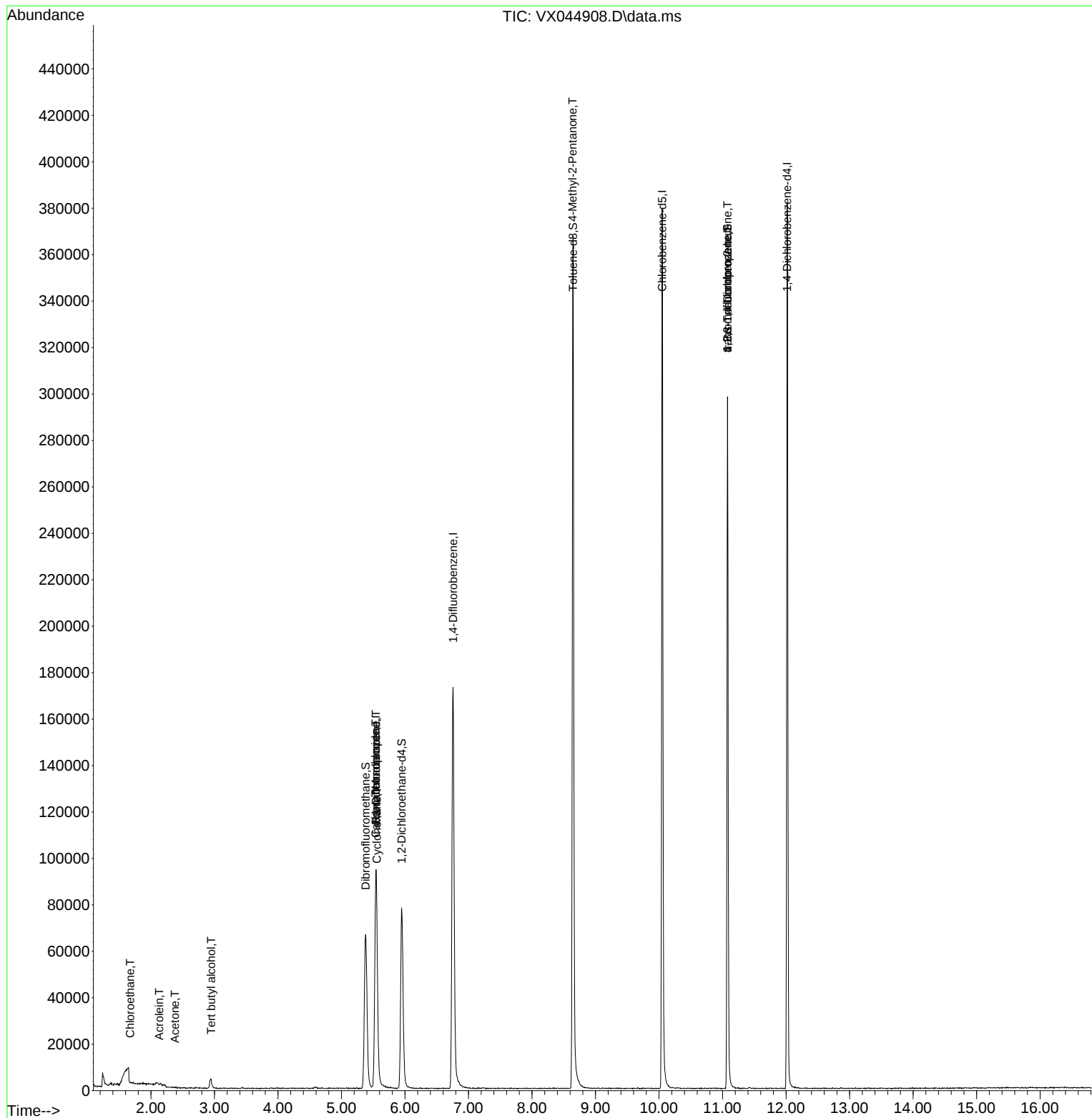
Internal Standards						
1) Pentafluorobenzene	5.544	168	90145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	170618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72019	54.578	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.160%	
35) Dibromofluoromethane	5.379	113	60346	50.355	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.720%	
50) Toluene-d8	8.647	98	231142	51.006	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	11.079	95	80579	52.745	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.480%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	98	1.477	ug/l #	42
11) Tert butyl alcohol	2.946	59	2362	9.649	ug/l #	73
13) Acrolein	2.130	56	89	0.352	ug/l #	79
16) Acetone	2.379	43	371	0.699	ug/l #	42
31) Cyclohexane	5.556	56	2319	1.132	ug/l #	29
36) 1,1-Dichloropropene	5.544	75	7864	4.548	ug/l #	49
38) Carbon Tetrachloride	5.537	117	9702	5.726	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1163	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42295	25.564	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42295	65.760	ug/l #	11

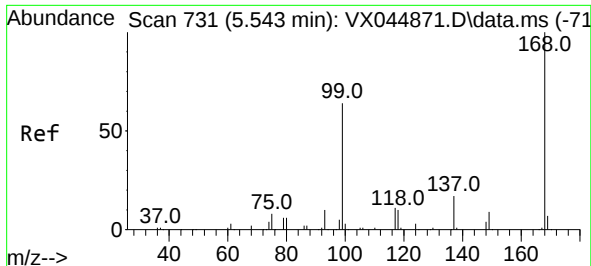
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
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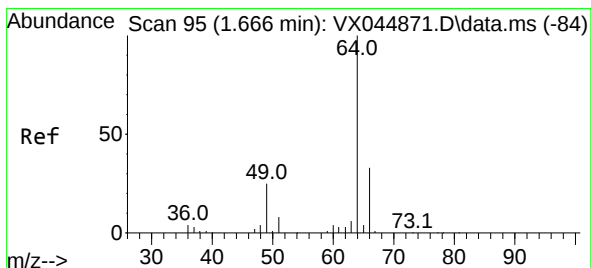
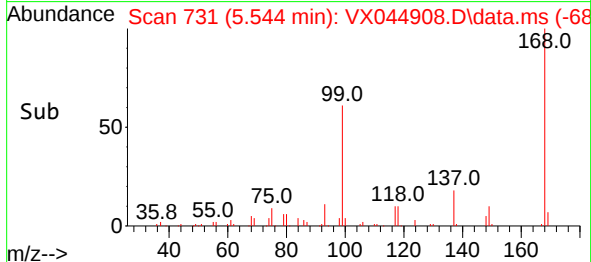
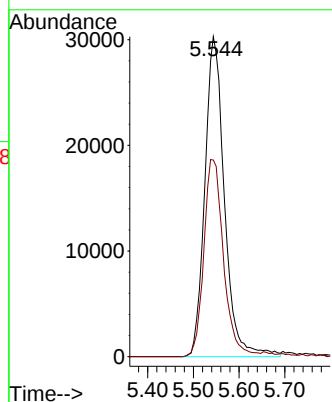
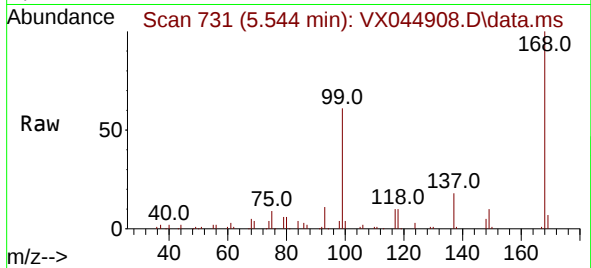




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

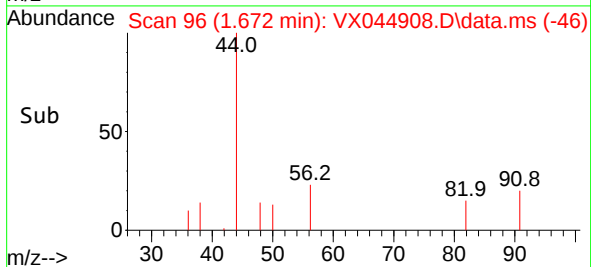
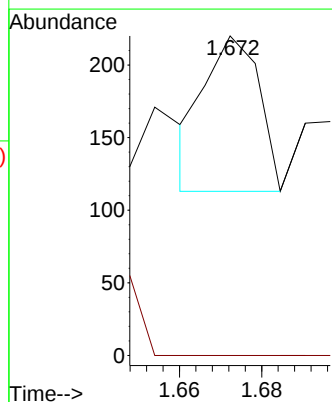
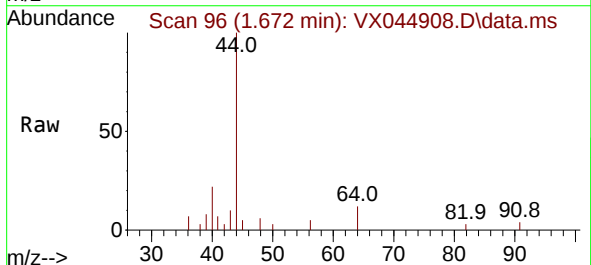
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-PERMIT

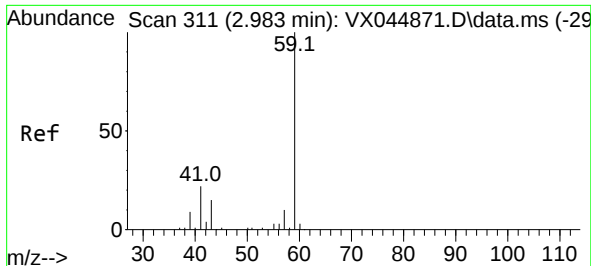
Tgt Ion:168 Resp: 90145
Ion Ratio Lower Upper
168 100
99 61.4 51.2 76.8



#6
Chloroethane
Concen: 1.477 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

Tgt Ion: 64 Resp: 98
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 9.649 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.036 min

Lab File: VX044908.D

Acq: 11 Feb 2025 16:01

Instrument :

MSVOA_X

ClientSampleId :

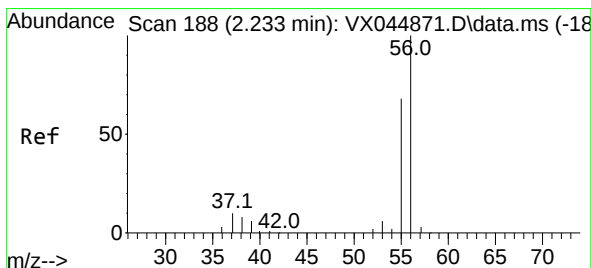
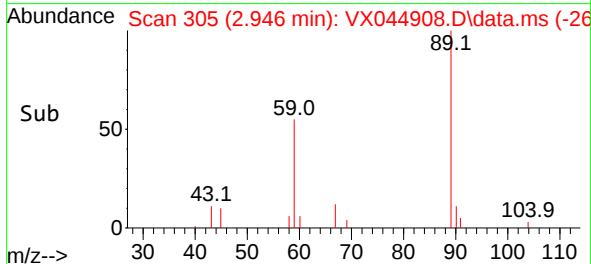
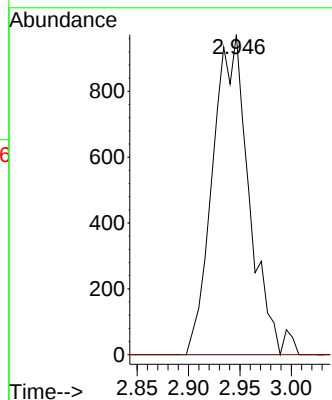
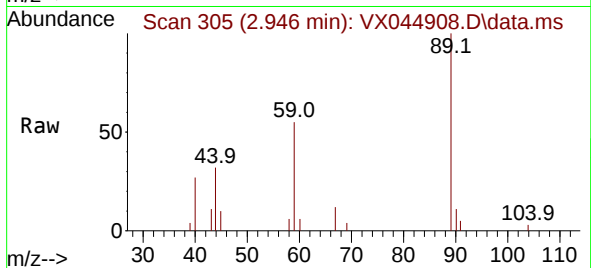
TWP-1-PERMIT

Tgt Ion: 59 Resp: 2362

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.352 ug/l

RT: 2.130 min Scan# 171

Delta R.T. -0.103 min

Lab File: VX044908.D

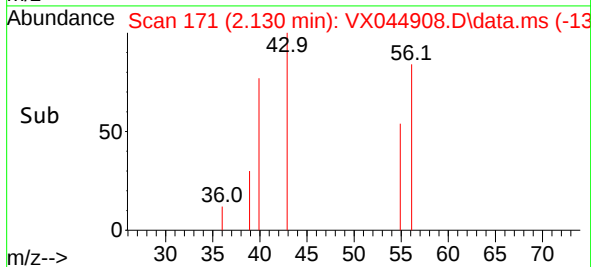
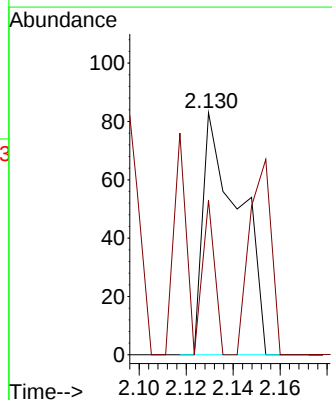
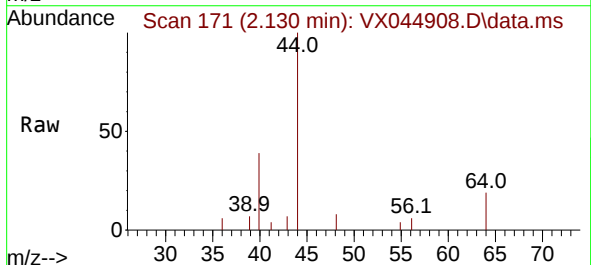
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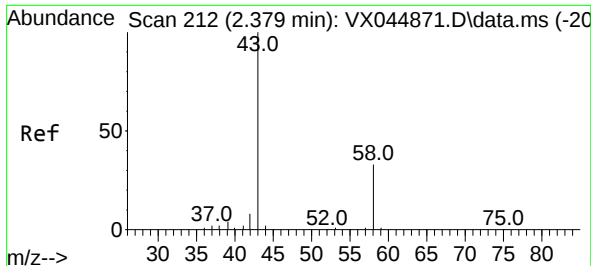
Tgt Ion: 56 Resp: 89

Ion Ratio Lower Upper

56 100

55 52.8 55.7 83.5#

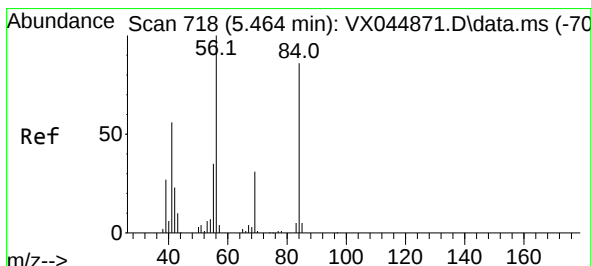
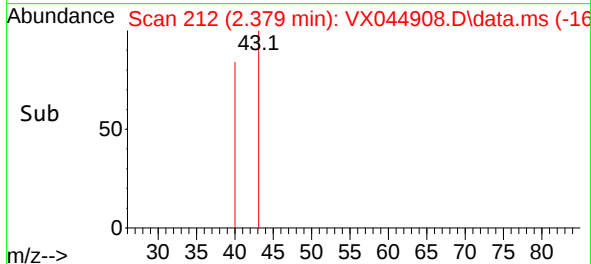
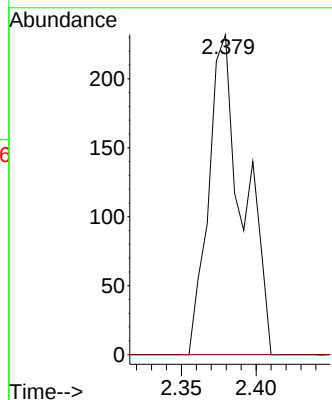
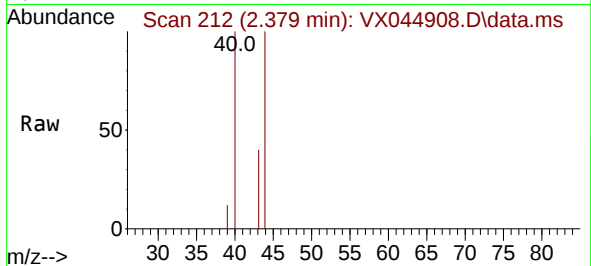




#16
Acetone
Concen: 0.699 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

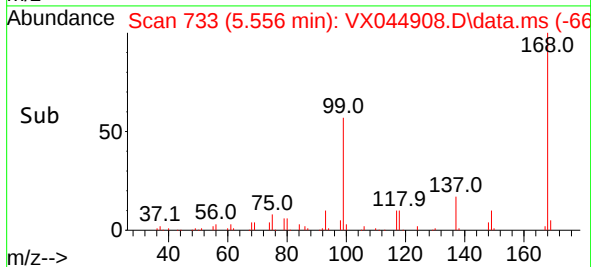
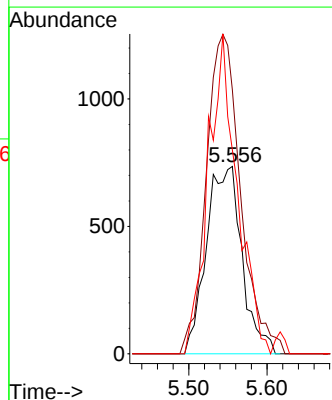
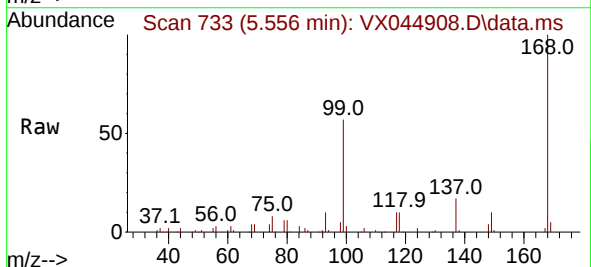
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-PERMIT

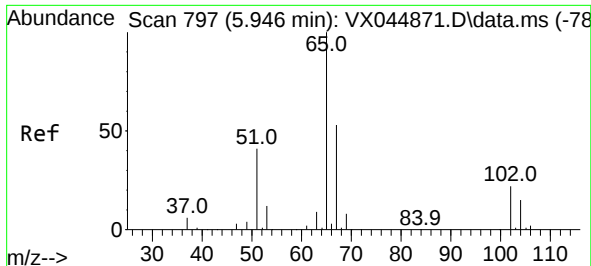
Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

Tgt Ion: 56 Resp: 2319
Ion Ratio Lower Upper
56 100
69 141.0 24.4 36.6#
84 108.8 69.0 103.6#

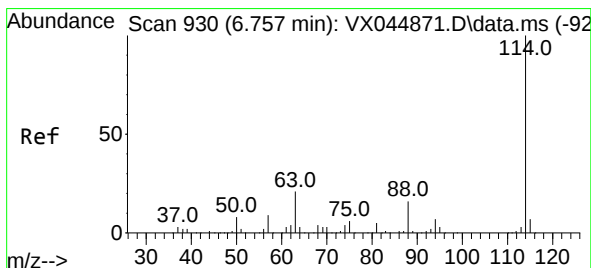
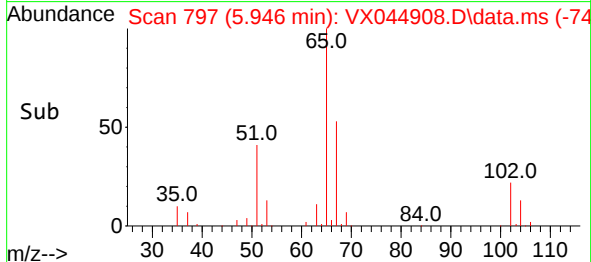
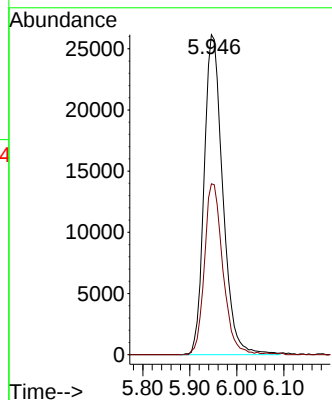
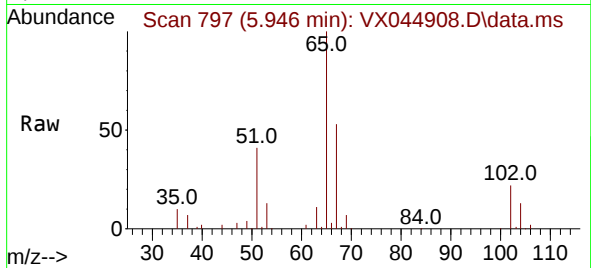




#33
 1,2-Dichloroethane-d4
 Concen: 54.578 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044908.D
 Acq: 11 Feb 2025 16:01

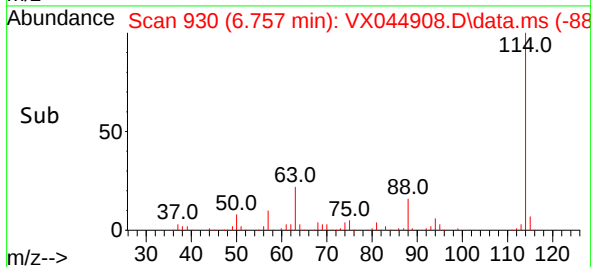
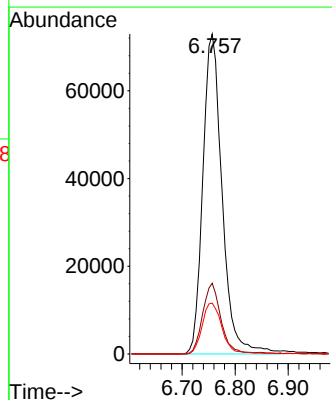
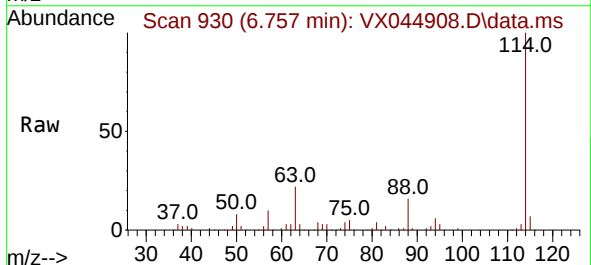
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-1-PERMIT

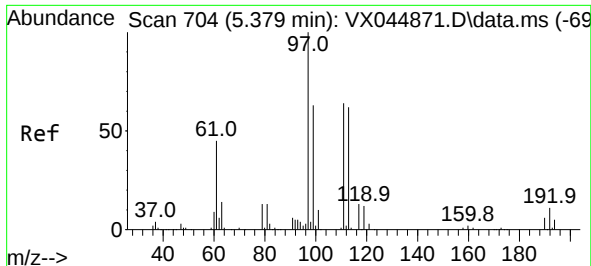
Tgt Ion: 65 Resp: 72019
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044908.D
 Acq: 11 Feb 2025 16:01

Tgt Ion: 114 Resp: 184322
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.4
 88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.355 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044908.D

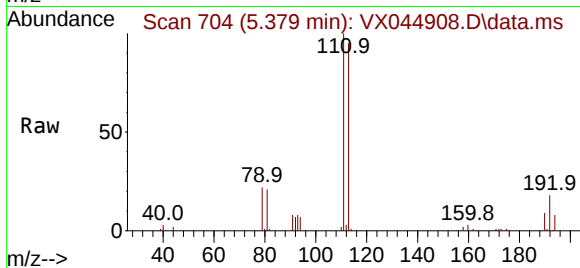
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Instrument :

MSVOA_X

ClientSampleId :

TWP-1-PERMIT



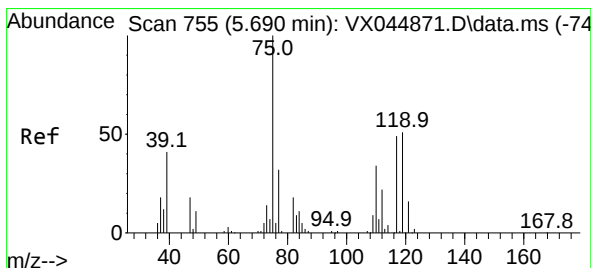
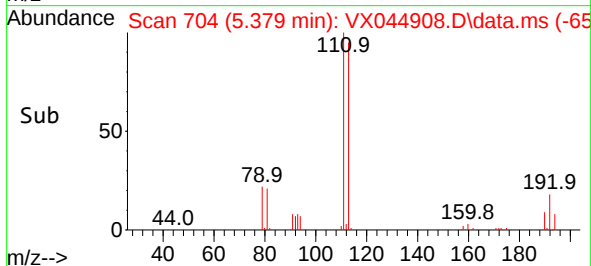
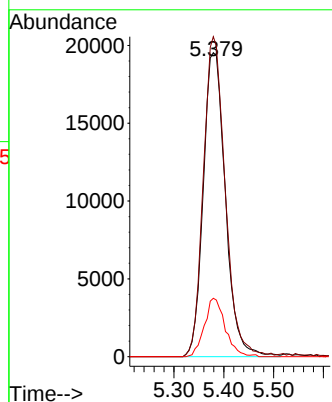
Tgt Ion:113 Resp: 60346

Ion Ratio Lower Upper

113 100

111 103.9 83.5 125.3

192 18.1 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.548 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044908.D

Acq: 11 Feb 2025 16:01

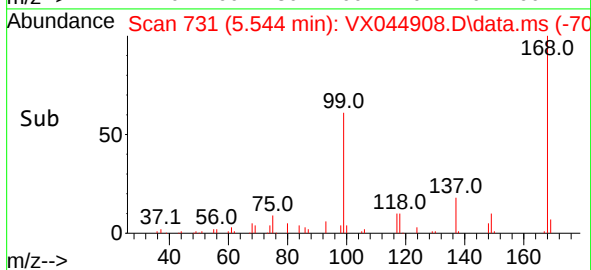
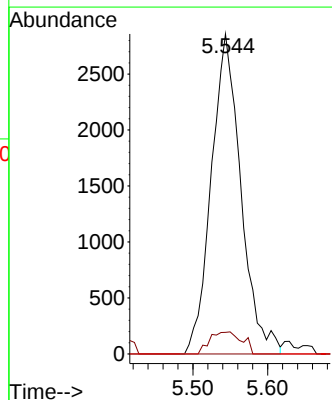
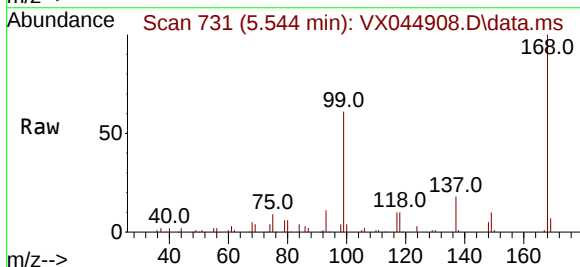
Tgt Ion: 75 Resp: 7864

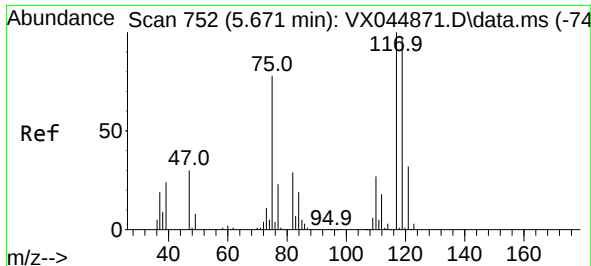
Ion Ratio Lower Upper

75 100

110 7.5 17.2 51.6#

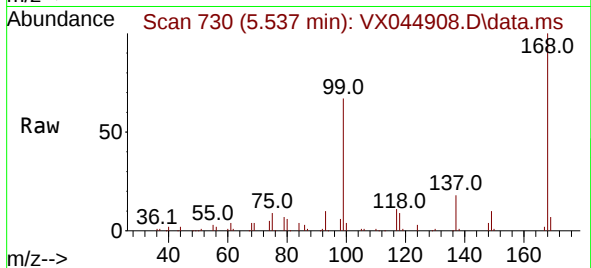
77 0.0 24.6 37.0#



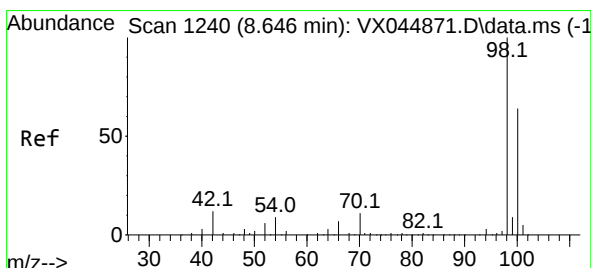
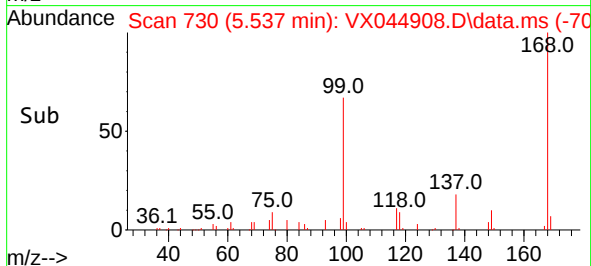
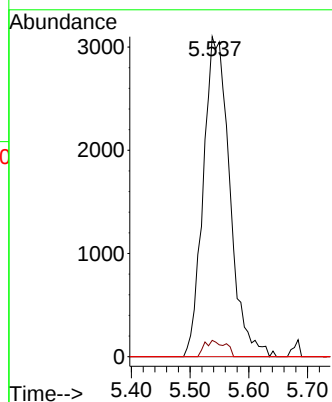


#38
Carbon Tetrachloride
Concen: 5.726 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

Instrument :
MSVOA_X
ClientSampleId :
TWP-1-PERMIT

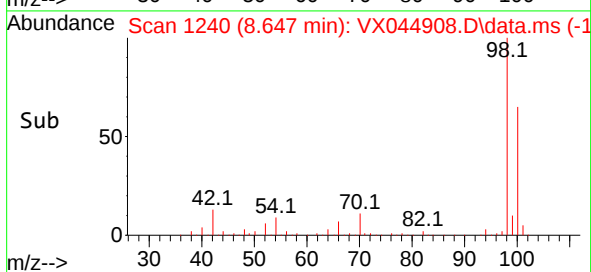
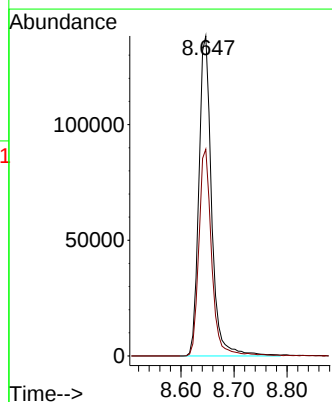
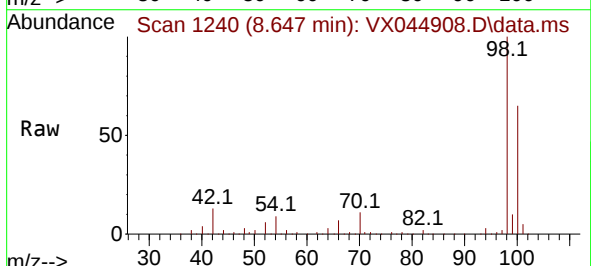


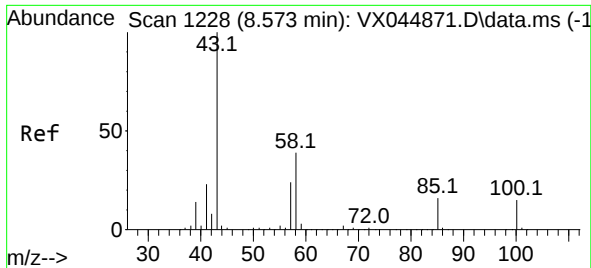
Tgt Ion:117 Resp: 9702
Ion Ratio Lower Upper
117 100
119 5.1 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 51.006 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

Tgt Ion: 98 Resp: 231142
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.616 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX044908.D

Acq: 11 Feb 2025 16:01

Instrument :

MSVOA_X

ClientSampleId :

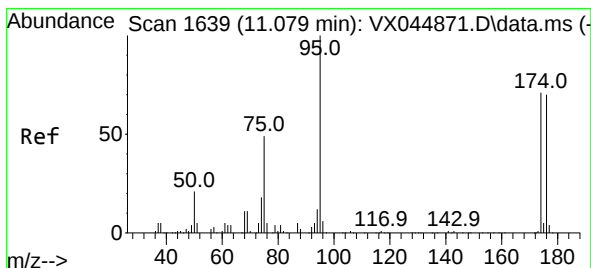
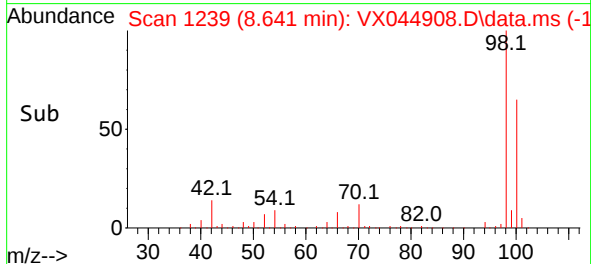
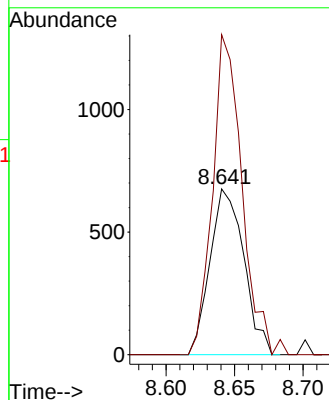
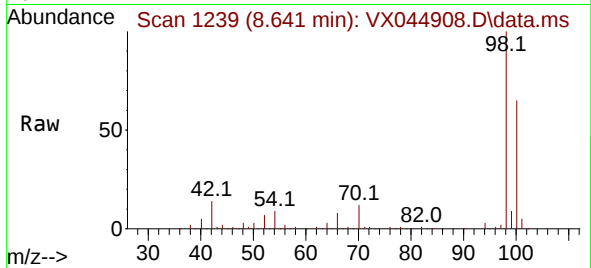
TWP-1-PERMIT

Tgt Ion: 43 Resp: 1163

Ion Ratio Lower Upper

43 100

58 167.9 30.8 46.2#



#62

4-Bromofluorobenzene

Concen: 52.745 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044908.D

Acq: 11 Feb 2025 16:01

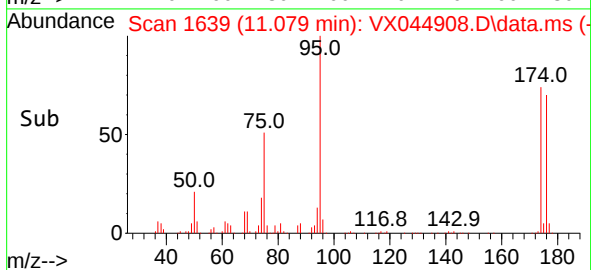
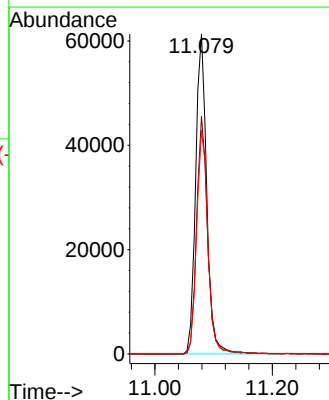
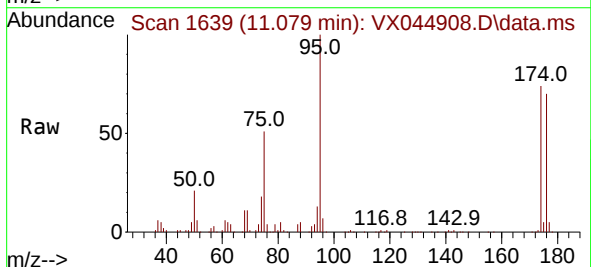
Tgt Ion: 95 Resp: 80579

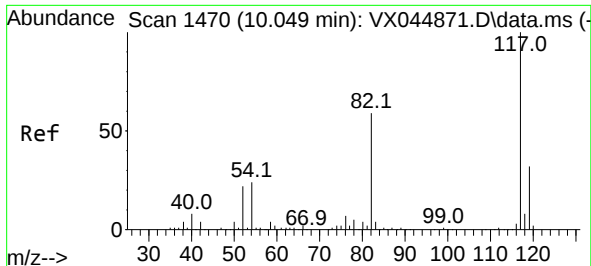
Ion Ratio Lower Upper

95 100

174 73.1 0.0 142.6

176 71.1 0.0 141.6

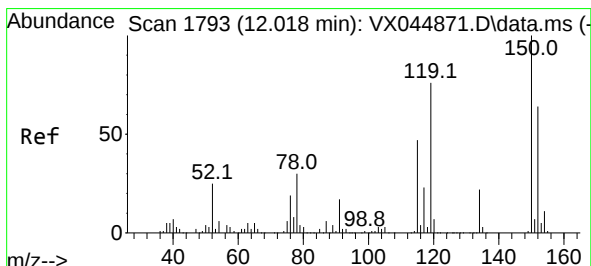
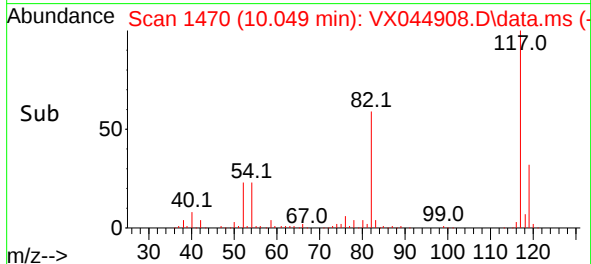
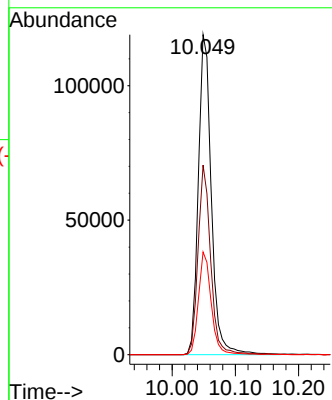
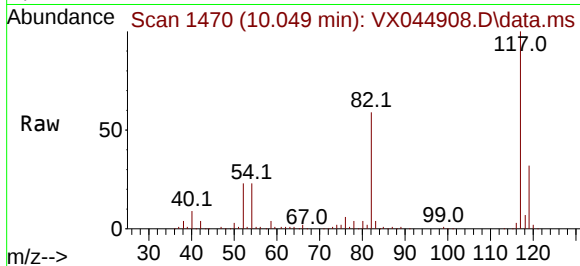




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

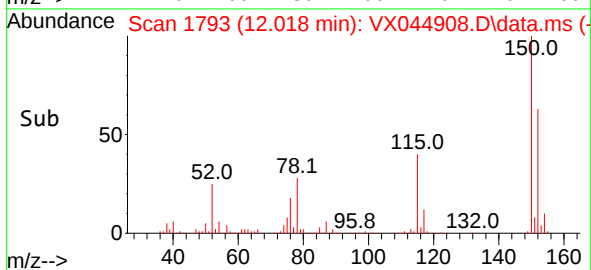
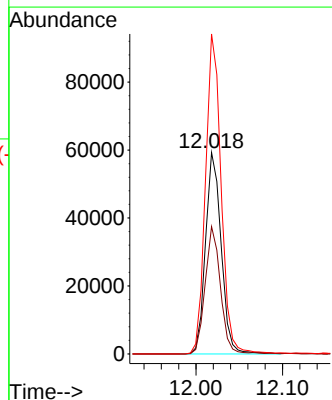
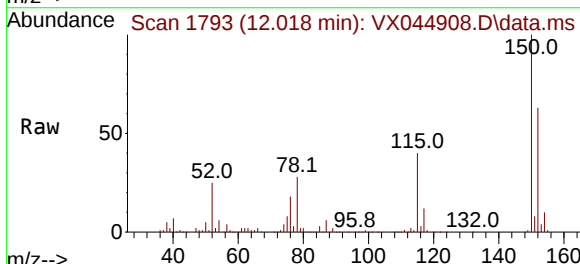
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-PERMIT

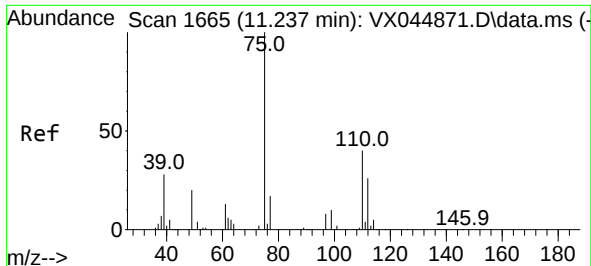
Tgt Ion:117 Resp: 170618
Ion Ratio Lower Upper
117 100
82 59.2 47.5 71.3
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

Tgt Ion:152 Resp: 74622
Ion Ratio Lower Upper
152 100
115 61.8 43.4 130.1
150 158.5 0.0 350.4

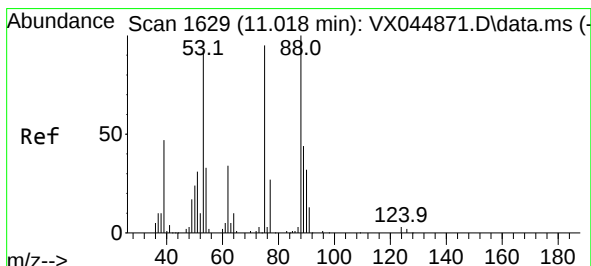
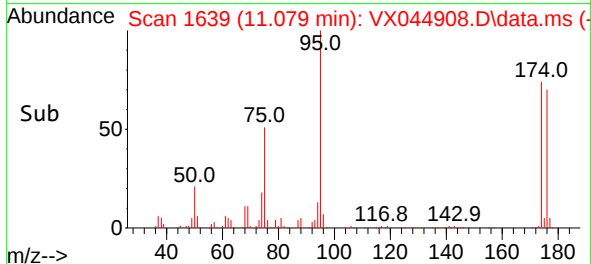
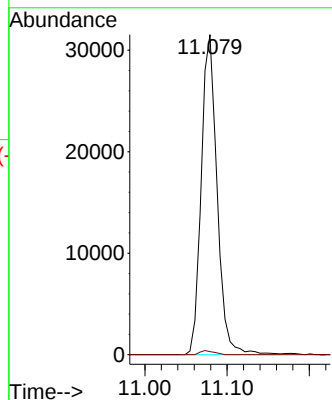
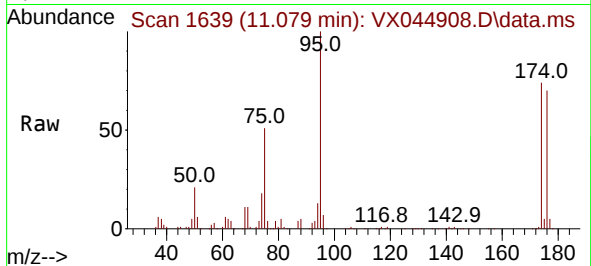




#76
1,2,3-Trichloropropane
Concen: 25.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

Instrument :
MSVOA_X
ClientSampleId :
TWP-1-PERMIT

Tgt Ion: 75 Resp: 42295
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044908.D
Acq: 11 Feb 2025 16:01

Tgt Ion: 75 Resp: 42295
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

