

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044907.D
 Acq On : 11 Feb 2025 15:38
 Operator : JC/MD
 Sample : Q1348-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-1-WC

Quant Time: Feb 12 02:43:56 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)

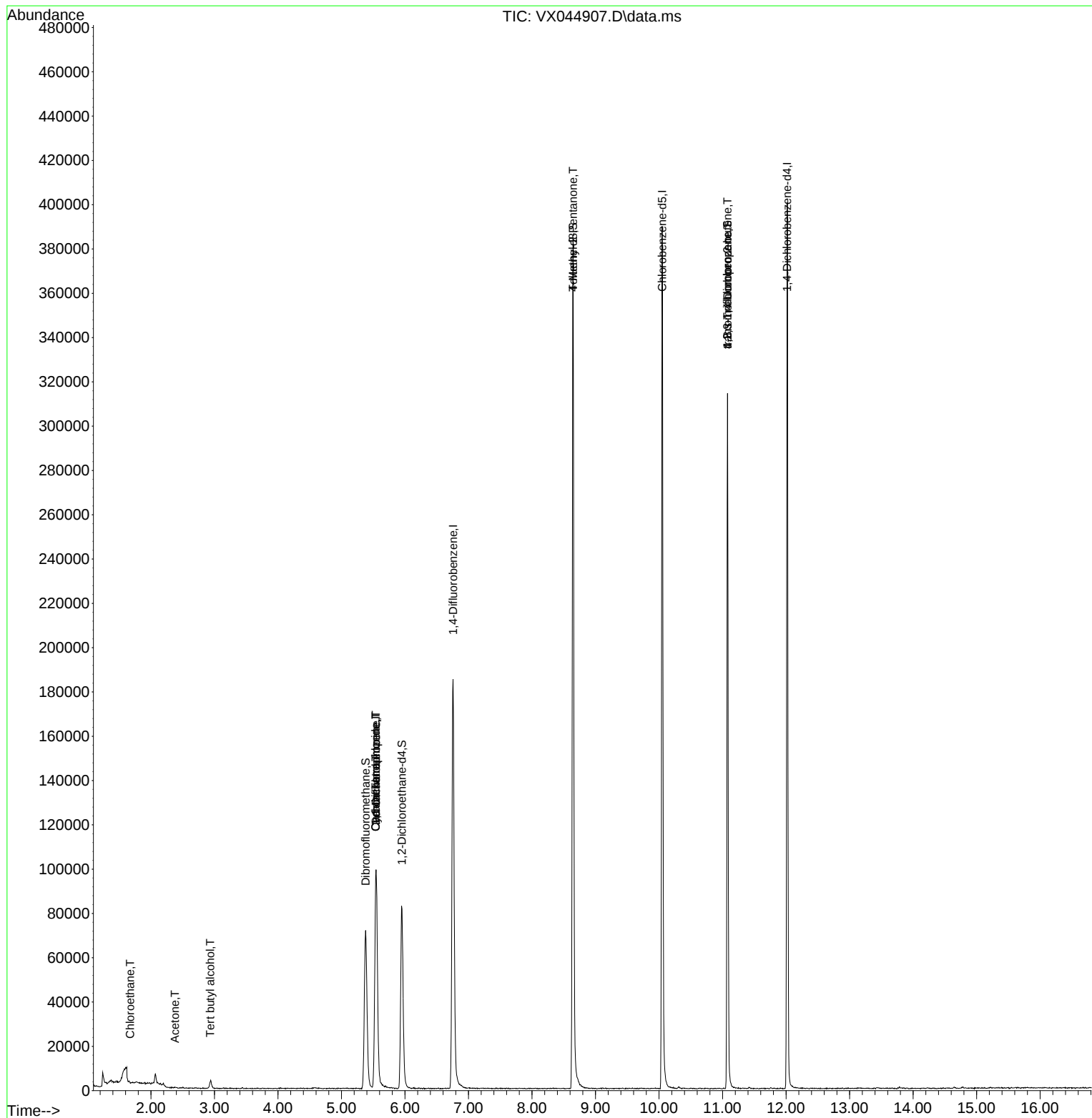
Internal Standards						
1) Pentafluorobenzene	5.544	168	97189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	179209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76982	54.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.220%	
35) Dibromofluoromethane	5.379	113	64284	50.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.380%	
50) Toluene-d8	8.647	98	239819	49.514	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	11.079	95	84857	51.970	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.940%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	404	1.860	ug/l #	42
11) Tert butyl alcohol	2.934	59	1852	7.017	ug/l #	73
16) Acetone	2.380	43	263	0.460	ug/l #	42
31) Cyclohexane	5.538	56	2546	1.152	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7921	4.286	ug/l #	49
38) Carbon Tetrachloride	5.538	117	10223	5.645	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1181	0.585	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44913	25.541	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	44913	65.700	ug/l #	11

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

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Instrument :
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TWP-1-WC

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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

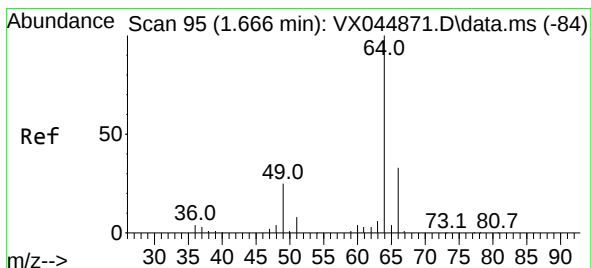
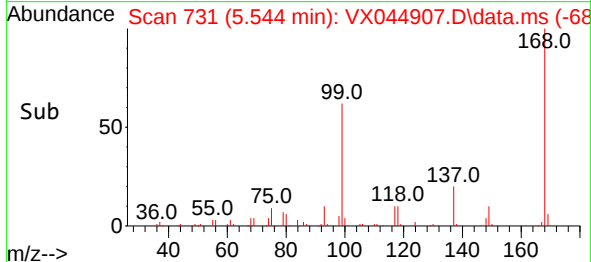
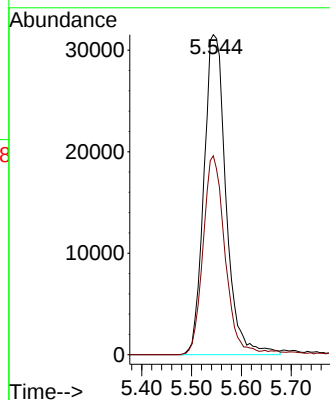
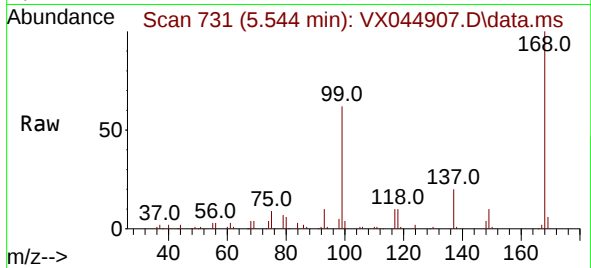




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

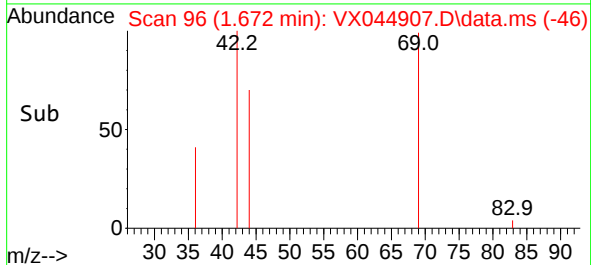
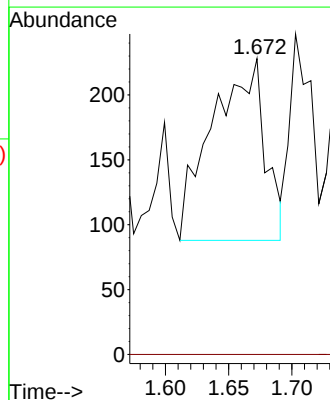
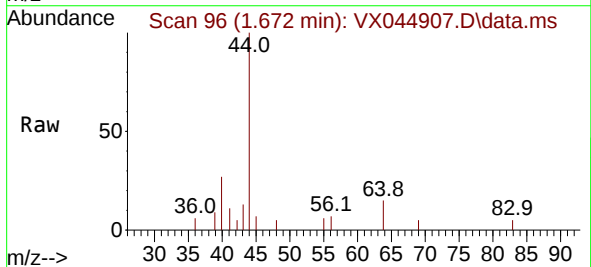
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-WC

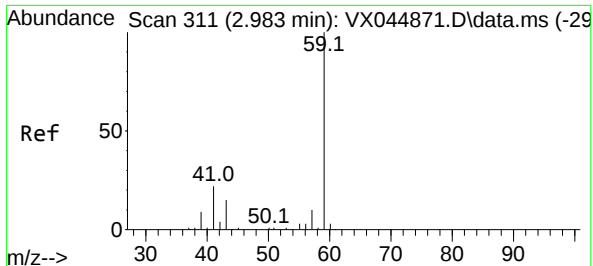
Tgt Ion:168 Resp: 97189
Ion Ratio Lower Upper
168 100
99 62.2 51.2 76.8



#6
Chloroethane
Concen: 1.860 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Tgt Ion: 64 Resp: 404
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 7.017 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX044907.D

Acq: 11 Feb 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

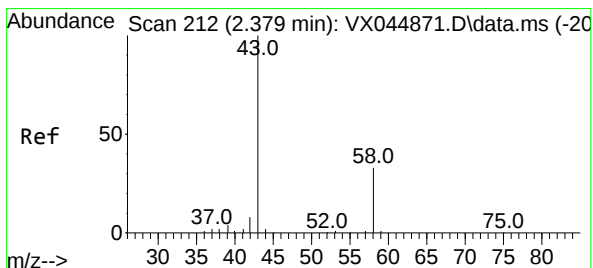
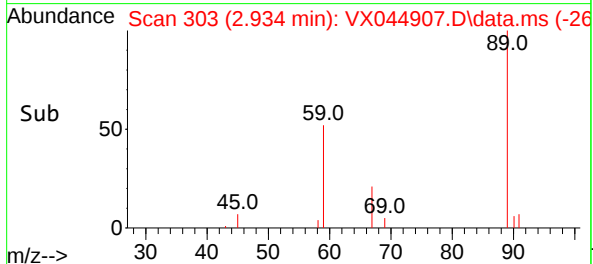
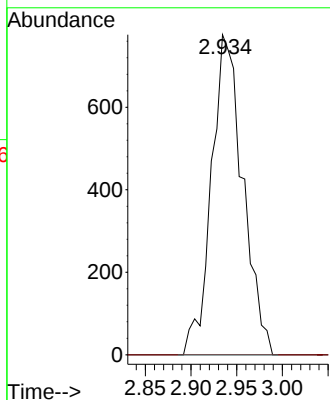
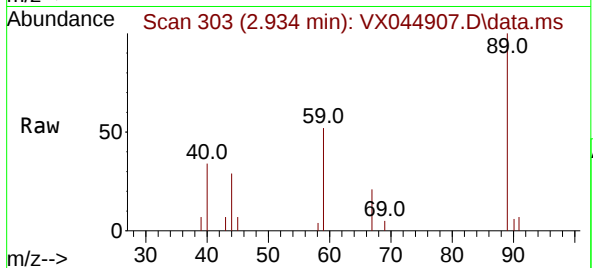
TWP-1-WC

Tgt Ion: 59 Resp: 1852

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.460 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044907.D

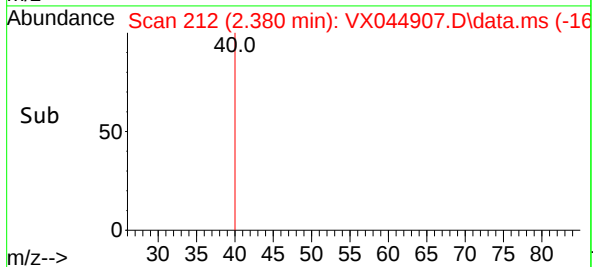
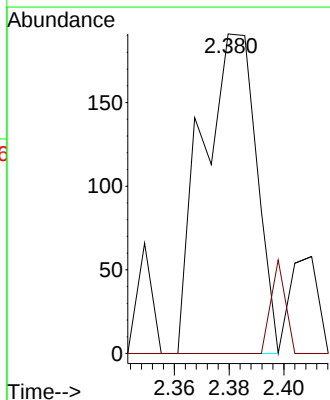
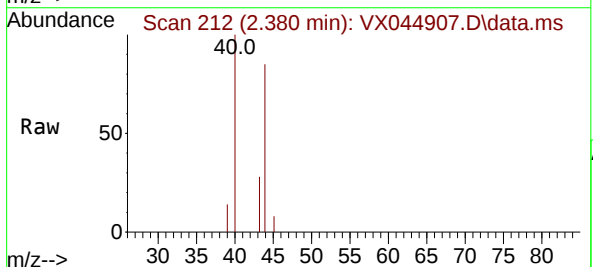
Acq: 11 Feb 2025 15:38

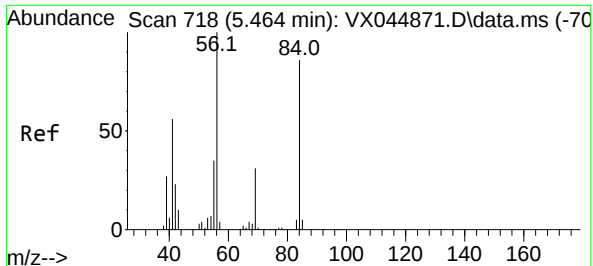
Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

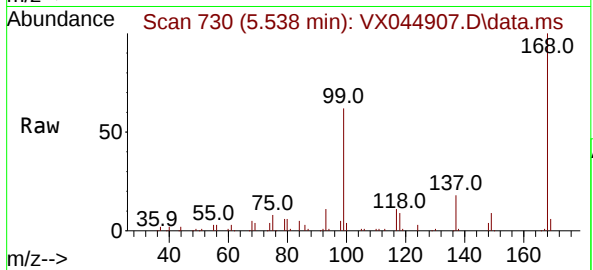
58 0.0 26.5 39.7#



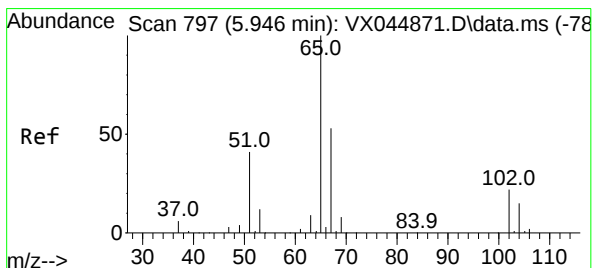
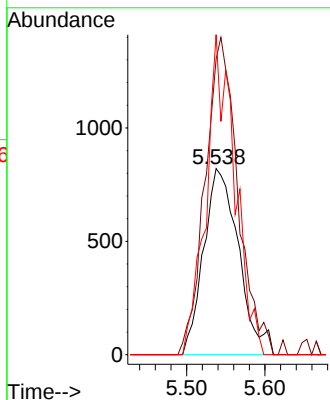
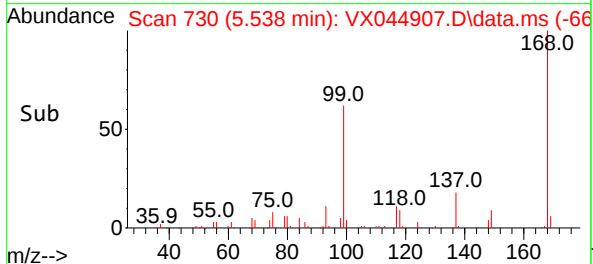


#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
TWP-1-WC

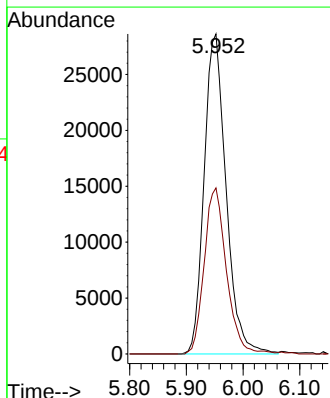
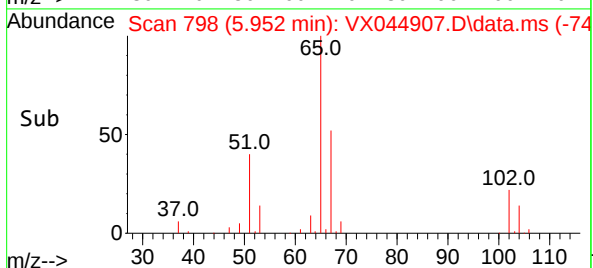
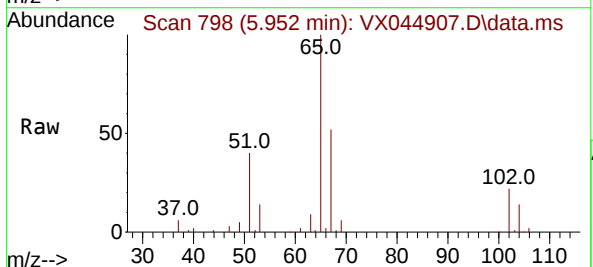


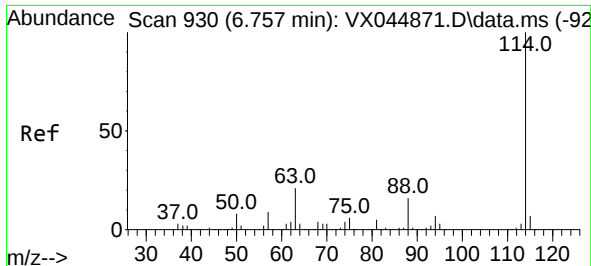
Tgt Ion: 56 Resp: 2546
Ion Ratio Lower Upper
56 100
69 158.8 24.4 36.6#
84 171.9 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 54.111 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Tgt Ion: 65 Resp: 76982
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.2

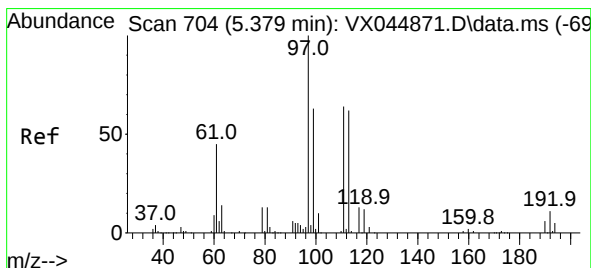
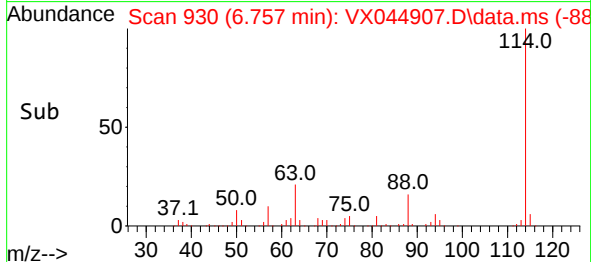
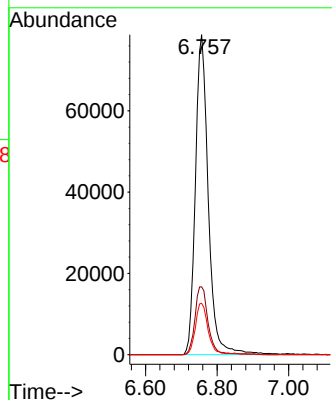
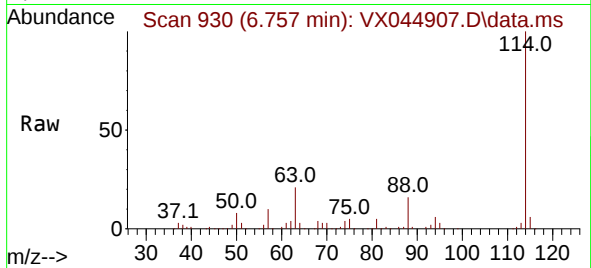




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

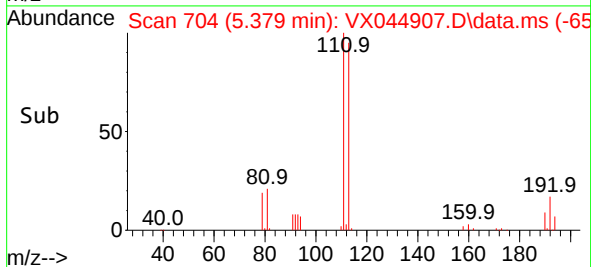
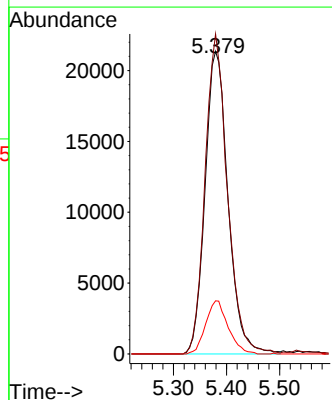
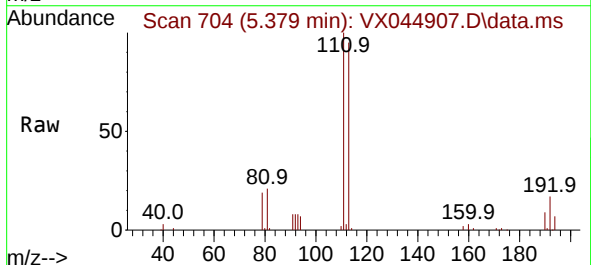
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-WC

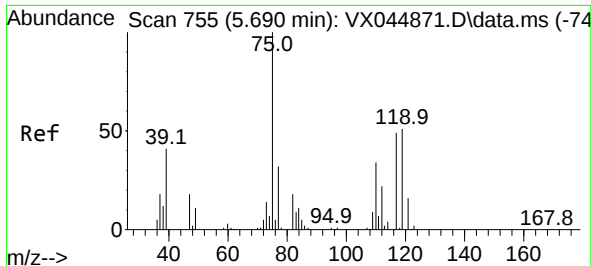
Tgt Ion:114 Resp: 197004
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.188 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Tgt Ion:113 Resp: 64284
Ion Ratio Lower Upper
113 100
111 102.8 83.5 125.3
192 17.1 14.4 21.6

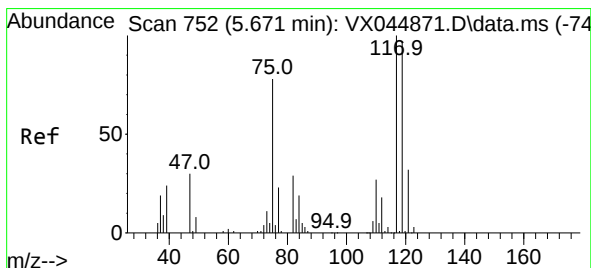
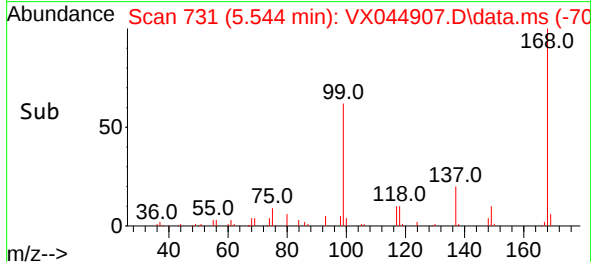
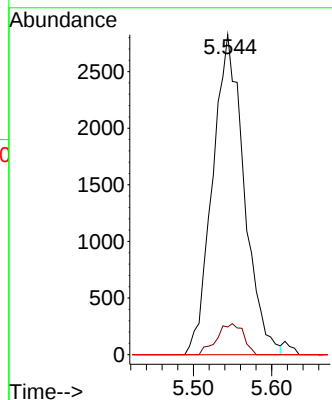
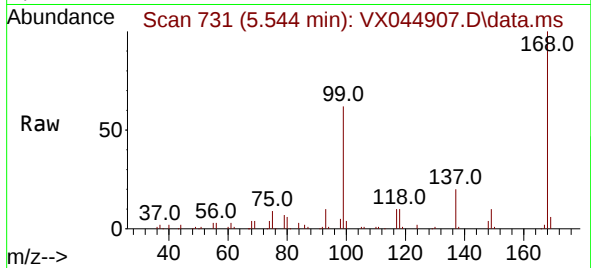




#36
1,1-Dichloropropene
Concen: 4.286 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

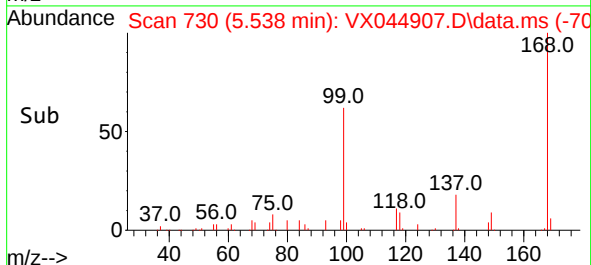
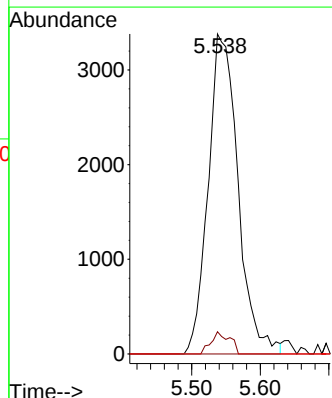
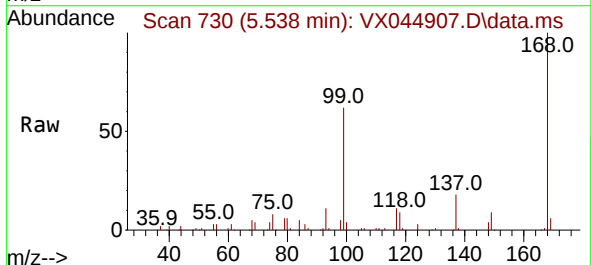
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-WC

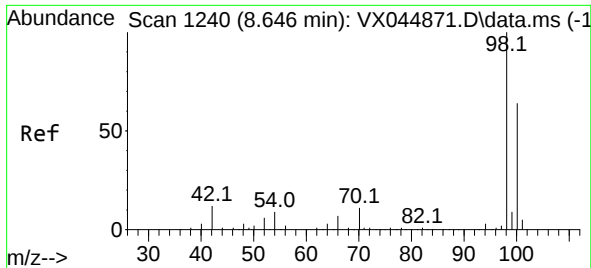
Tgt Ion: 75 Resp: 7921
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.645 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Tgt Ion: 117 Resp: 10223
Ion Ratio Lower Upper
117 100
119 7.0 77.5 116.3#
121 0.0 25.6 38.4#

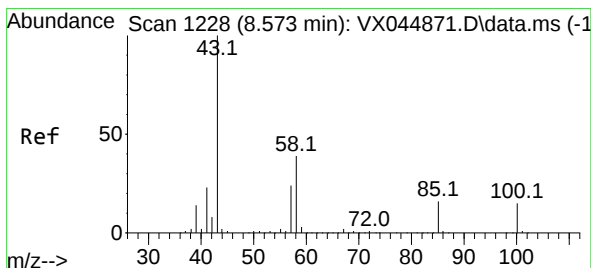
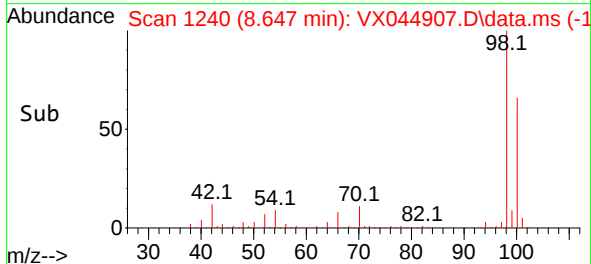
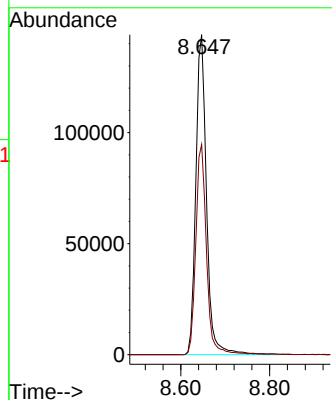
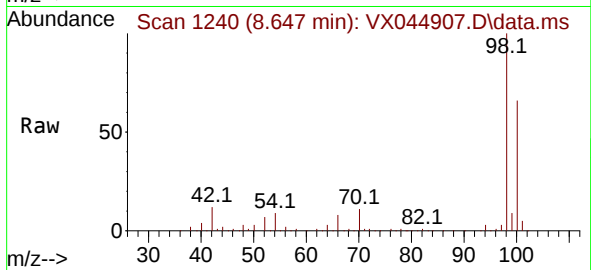




#50
Toluene-d8
Concen: 49.514 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

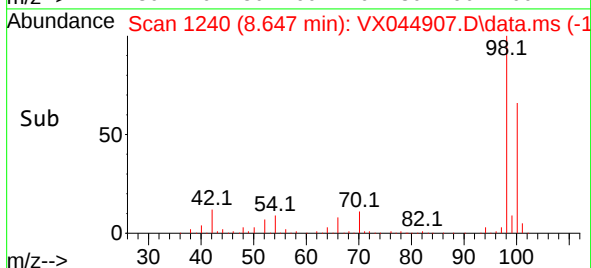
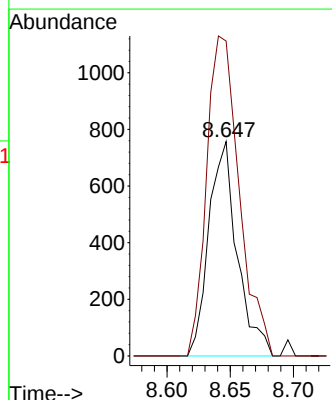
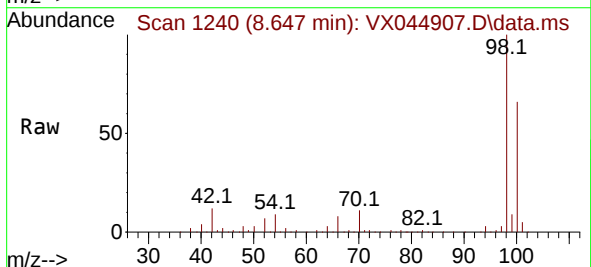
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-WC

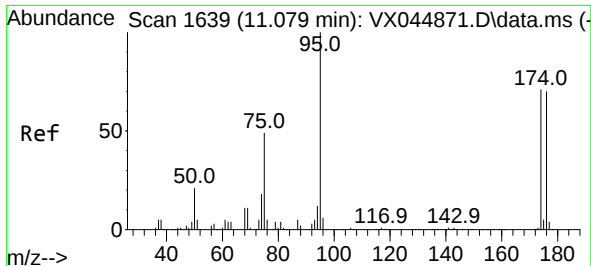
Tgt Ion: 98 Resp: 239819
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 171.9 30.8 46.2#

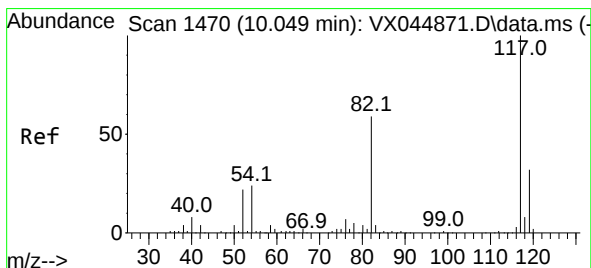
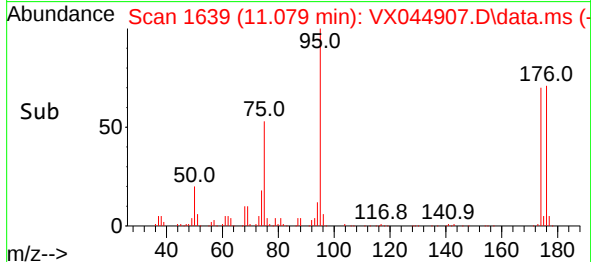
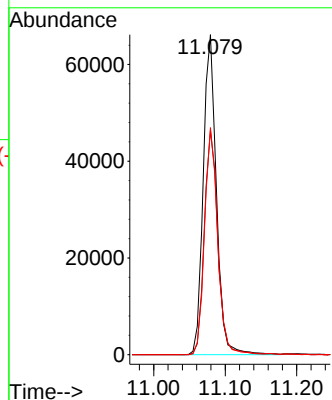
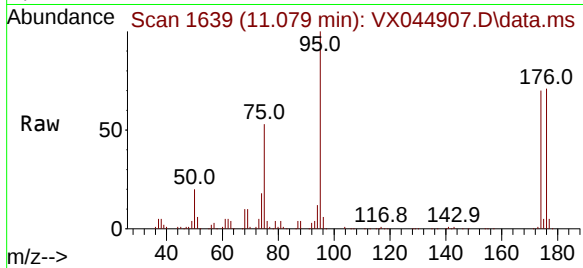




#62
4-Bromofluorobenzene
Concen: 51.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

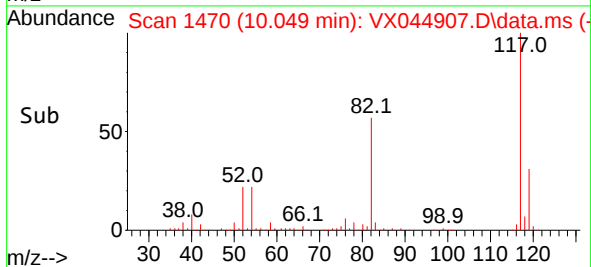
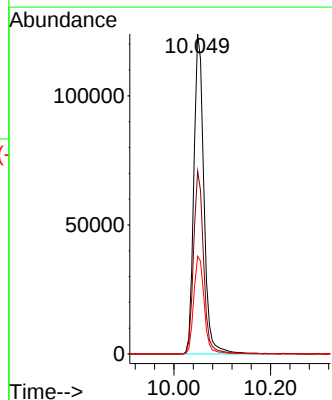
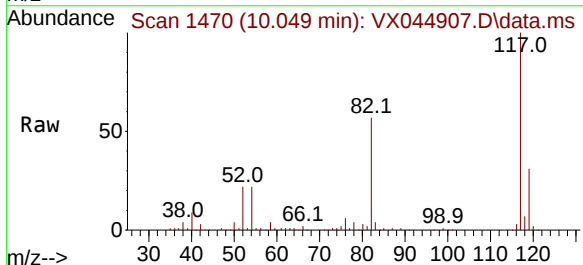
Instrument :
MSVOA_X
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TWP-1-WC

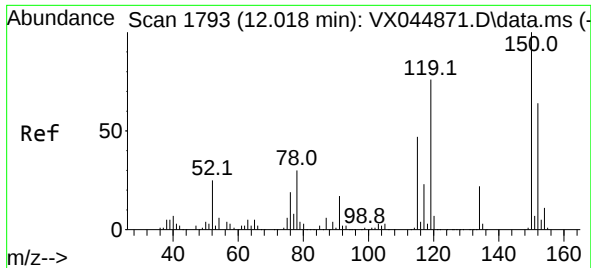
Tgt Ion: 95 Resp: 84857
Ion Ratio Lower Upper
95 100
174 72.0 0.0 142.6
176 70.4 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044907.D
Acq: 11 Feb 2025 15:38

Tgt Ion: 117 Resp: 179209
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 30.5 25.4 38.0

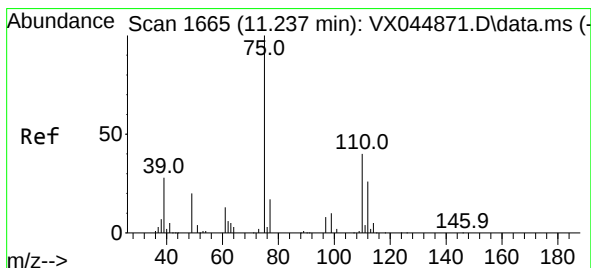
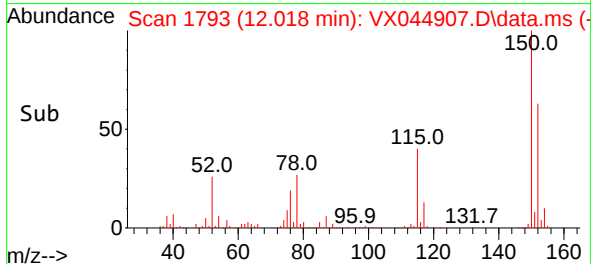
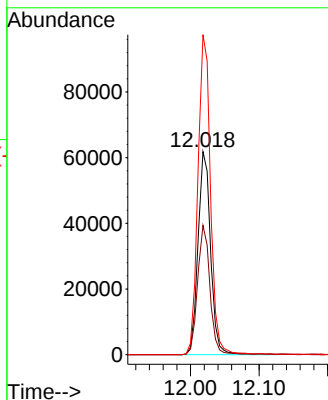
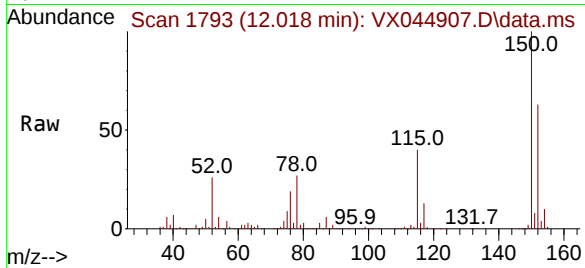




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044907.D
 Acq: 11 Feb 2025 15:38

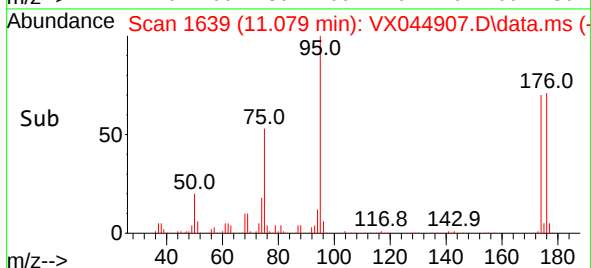
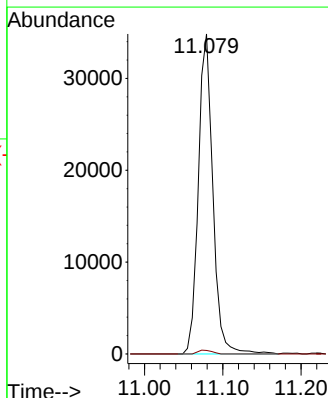
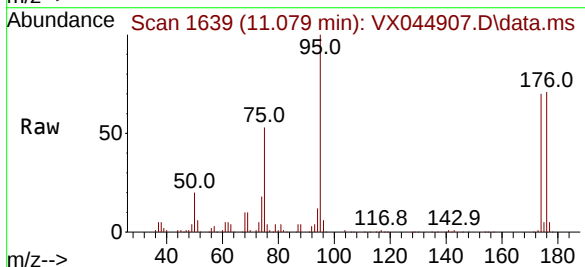
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-1-WC

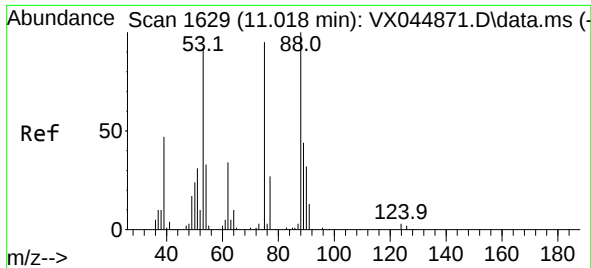
Tgt Ion:152 Resp: 79313
 Ion Ratio Lower Upper
 152 100
 115 62.4 43.4 130.1
 150 157.1 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 25.541 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044907.D
 Acq: 11 Feb 2025 15:38

Tgt Ion: 75 Resp: 44913
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.700 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044907.D
 Acq: 11 Feb 2025 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-1-WC

Tgt Ion: 75 Resp: 44913
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

