

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045314.D
 Acq On : 18 Mar 2025 10:53
 Operator : JC/MD
 Sample : VX0318WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBL01

Quant Time: Mar 19 01:39:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

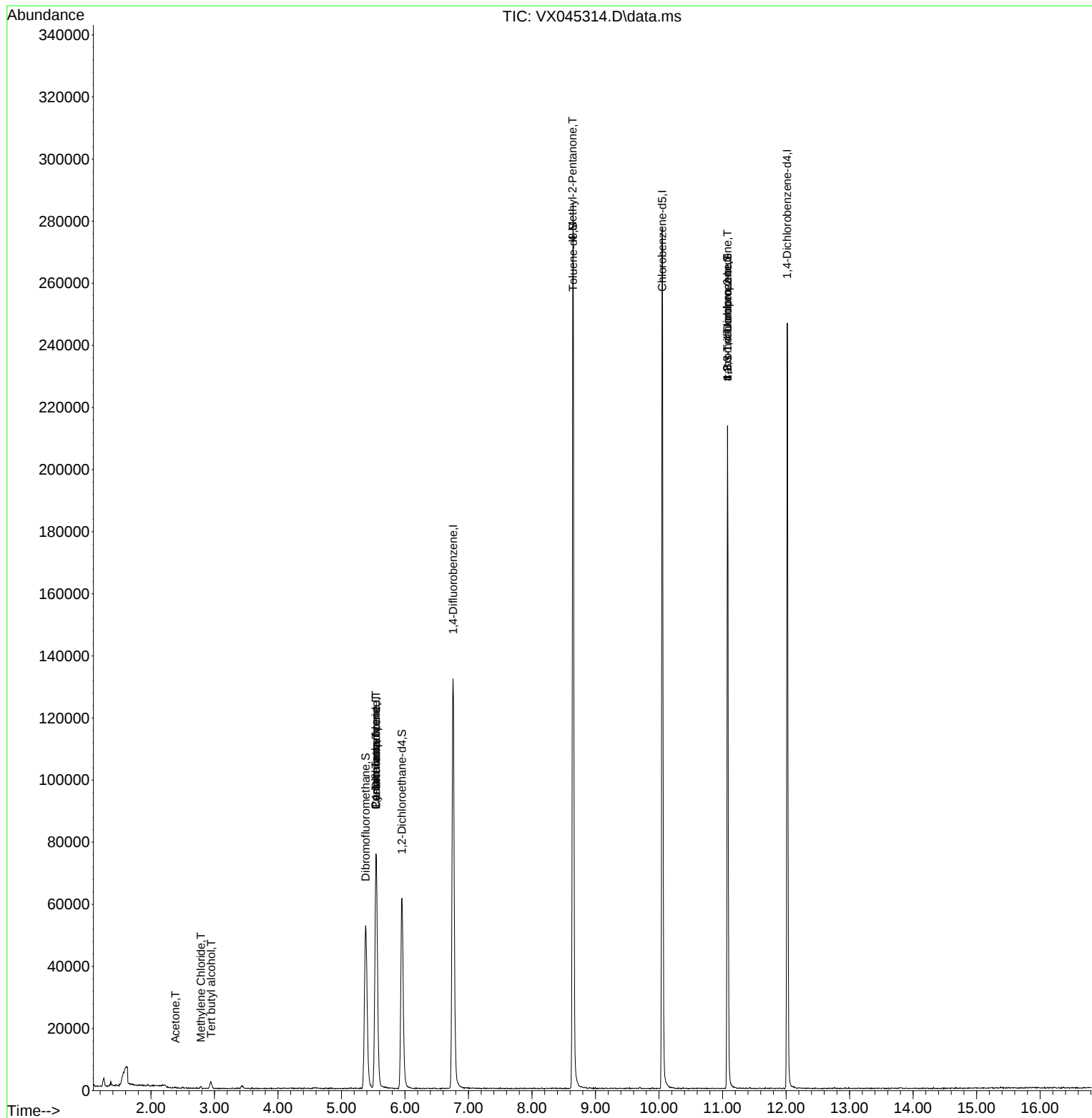
Internal Standards						
1) Pentafluorobenzene	5.544	168	66984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59994	56.307	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.620%	
35) Dibromofluoromethane	5.379	113	47101	53.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.920%	
50) Toluene-d8	8.647	98	165615	52.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.660%	
62) 4-Bromofluorobenzene	11.079	95	54760	52.216	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1404	6.957	ug/l #	73
16) Acetone	2.386	43	479	0.969	ug/l #	44
20) Methylene Chloride	2.788	84	259	0.264	ug/l #	88
31) Cyclohexane	5.544	56	1887	1.302	ug/l #	10
36) 1,1-Dichloropropene	5.544	75	6472	5.406	ug/l #	47
38) Carbon Tetrachloride	5.544	117	7255	5.969	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	833	0.544	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30656	28.412	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30656	97.231	ug/l #	6

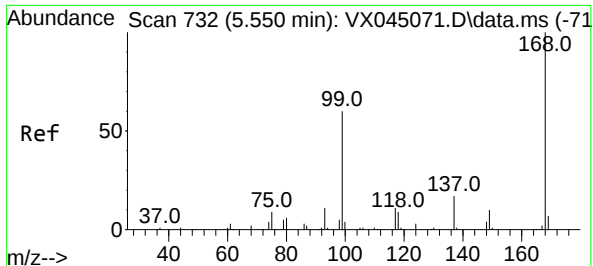
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Quant Time: Mar 19 01:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

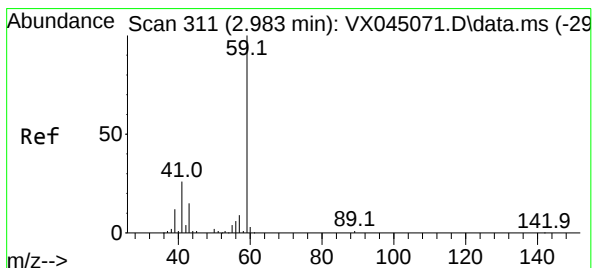
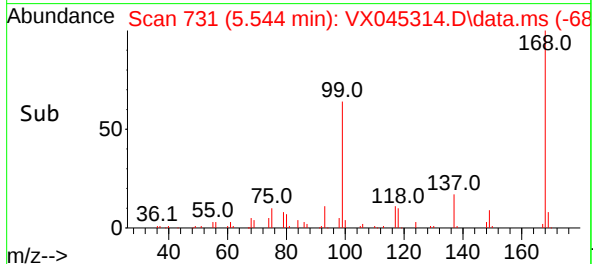
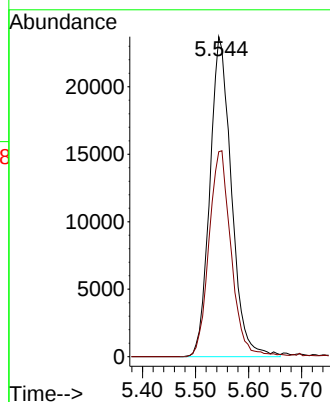
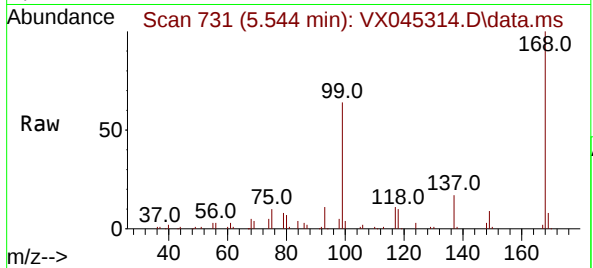




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

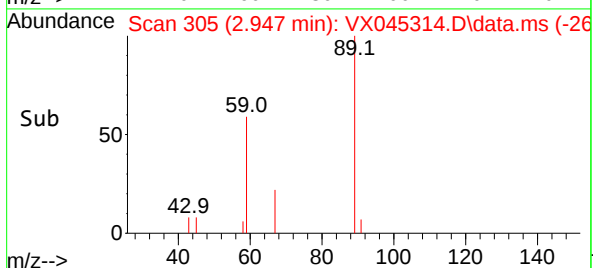
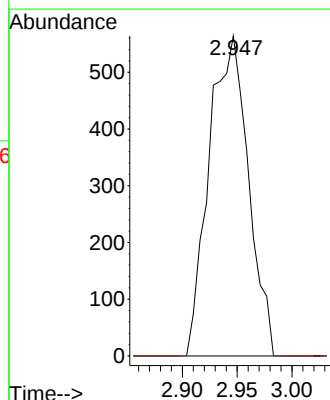
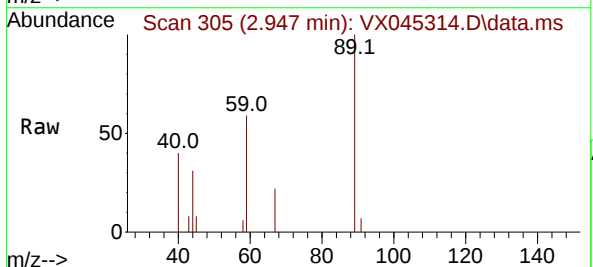
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

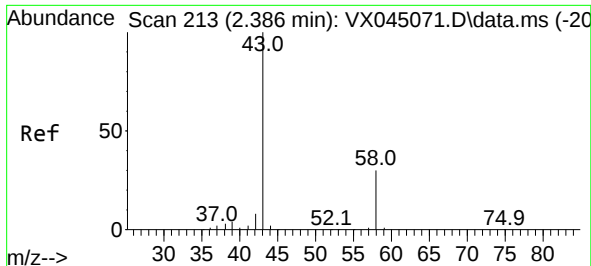
Tgt Ion:168 Resp: 66984
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#11
Tert butyl alcohol
Concen: 6.957 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion: 59 Resp: 1404
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

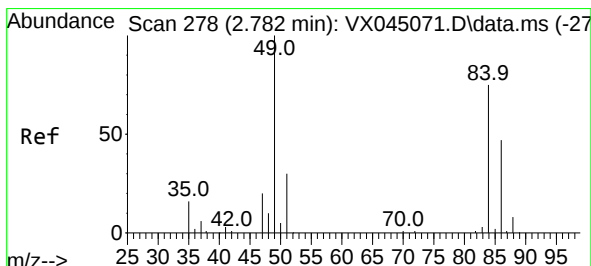
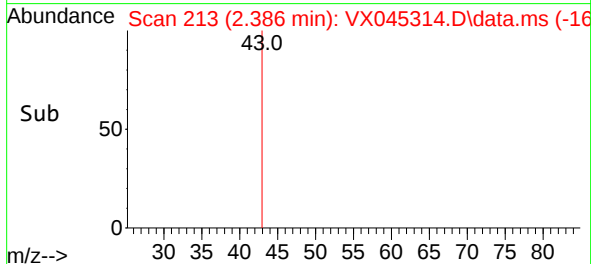
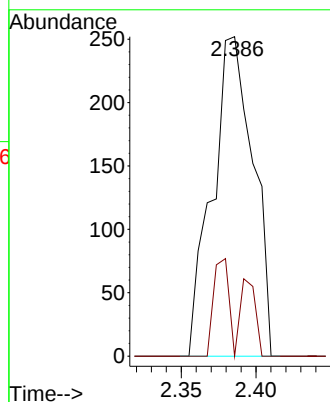
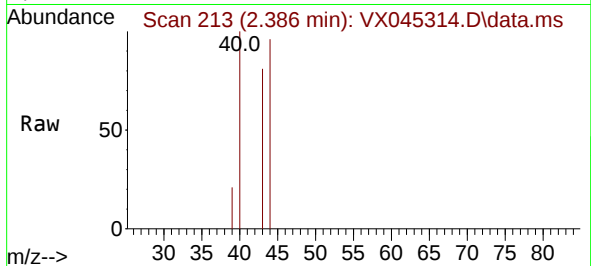




#16
Acetone
Concen: 0.969 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

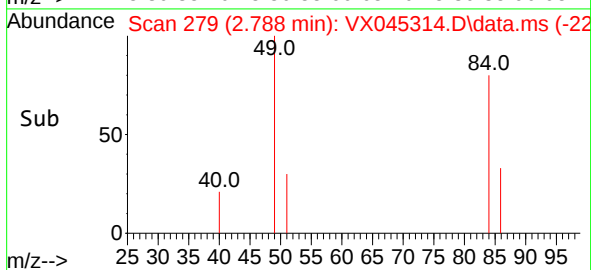
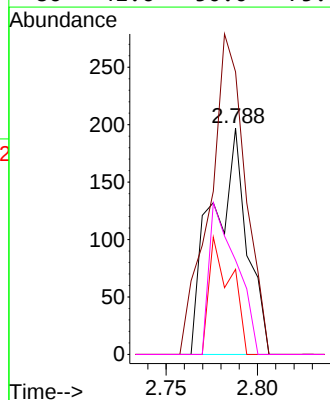
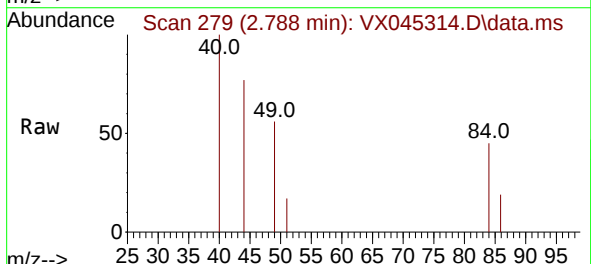
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

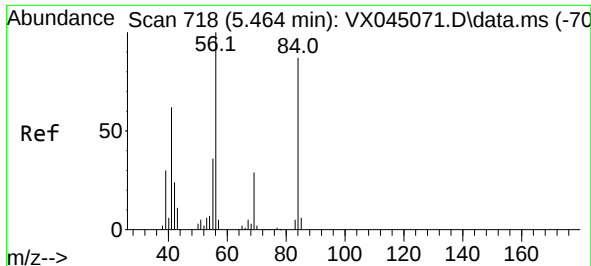
Tgt Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion: 84 Resp: 259
Ion Ratio Lower Upper
84 100
49 124.9 106.5 159.7
51 37.6 32.1 48.1
86 41.6 50.0 75.0#

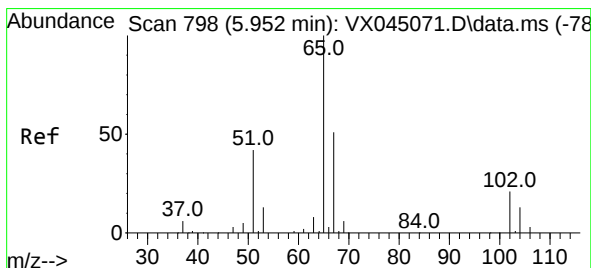
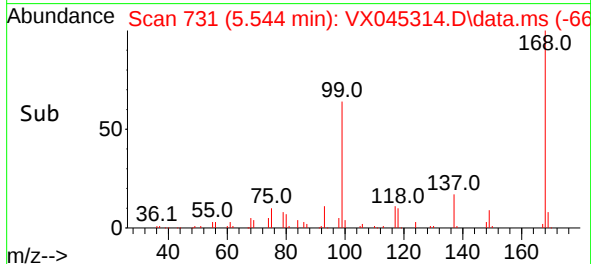
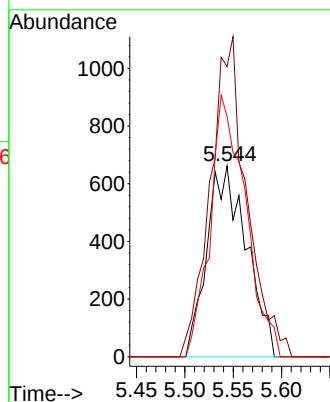
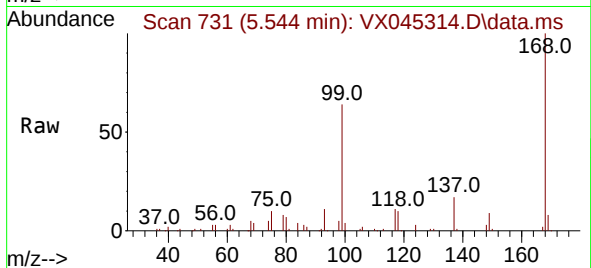




#31
Cyclohexane
Concen: 1.302 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

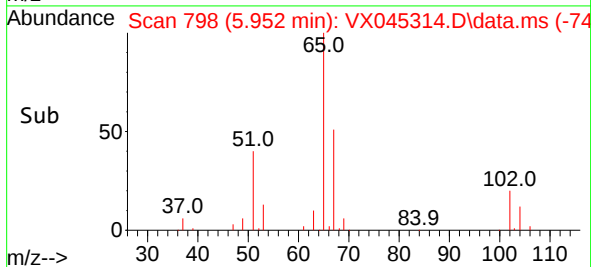
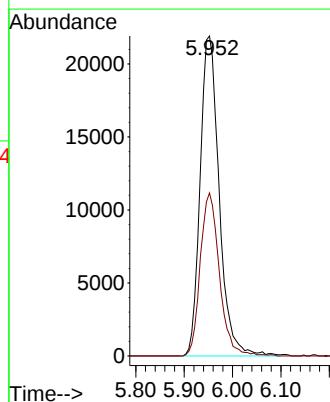
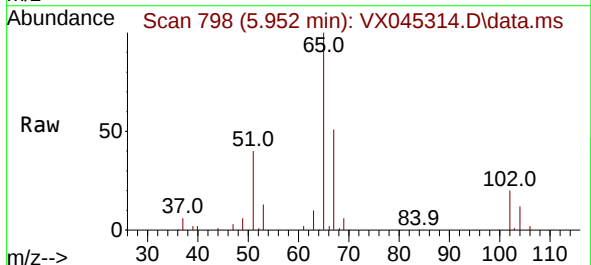
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion: 56 Resp: 1887
Ion Ratio Lower Upper
56 100
69 152.2 23.4 35.2#
84 126.0 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 56.307 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion: 65 Resp: 59994
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.2

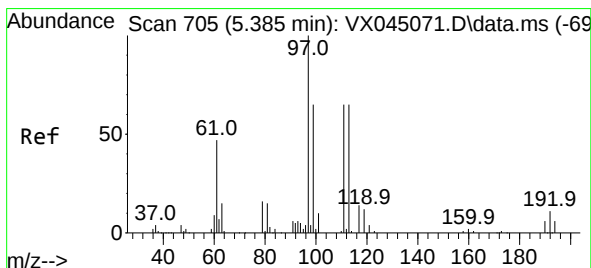
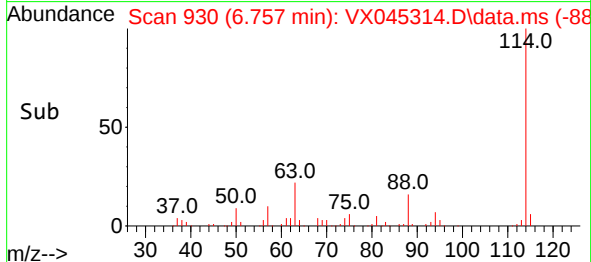
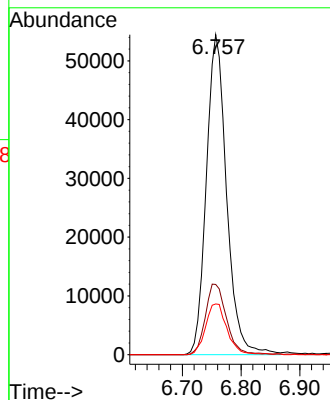
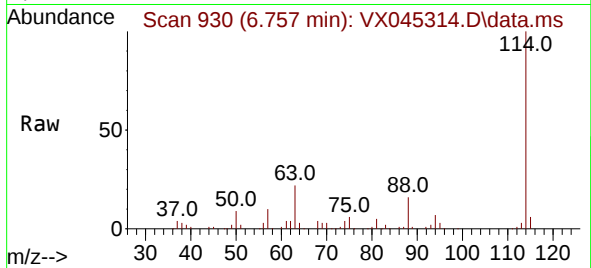




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

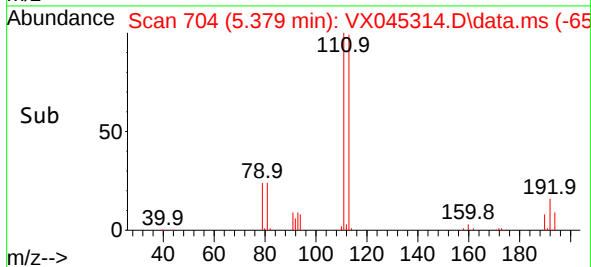
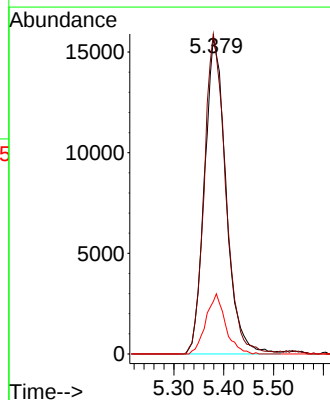
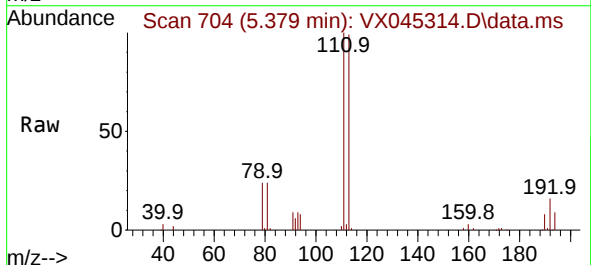
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

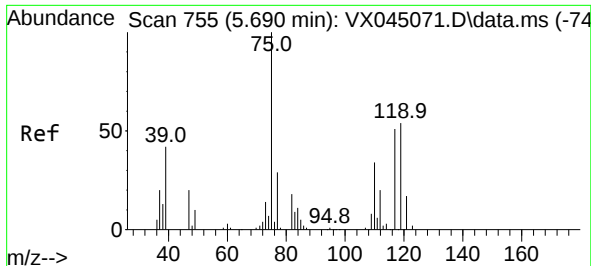
Tgt Ion:114 Resp: 130552
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.955 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion:113 Resp: 47101
Ion Ratio Lower Upper
113 100
111 100.4 81.8 122.6
192 17.3 14.3 21.5

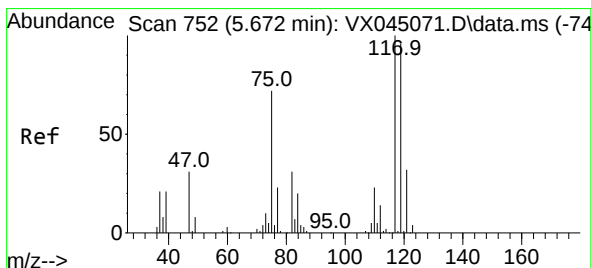
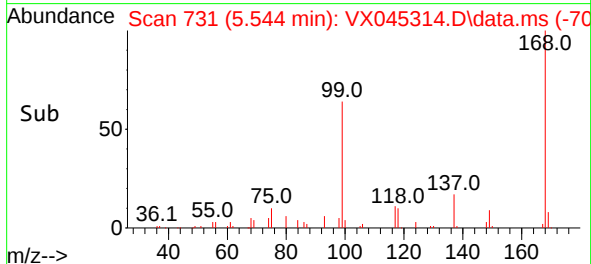
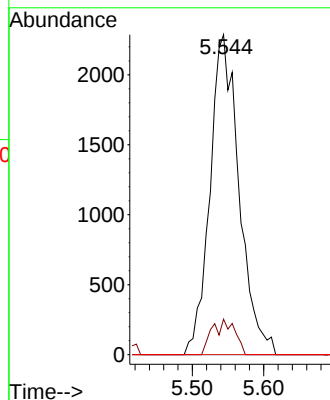
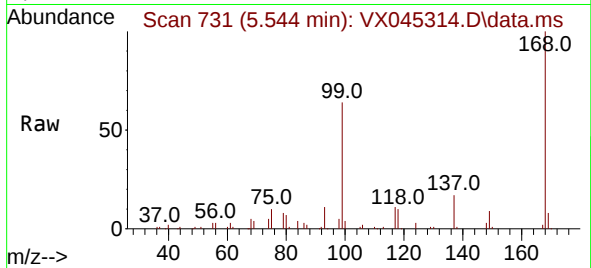




#36
1,1-Dichloropropene
Concen: 5.406 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

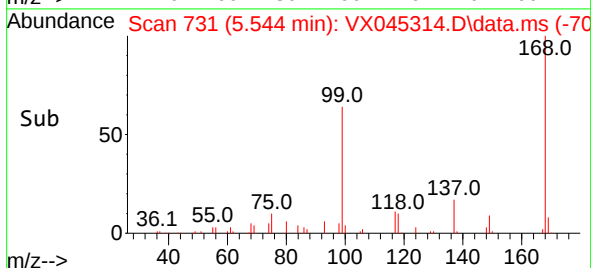
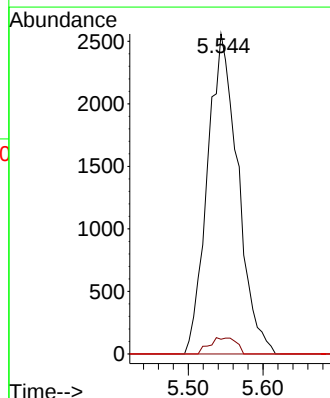
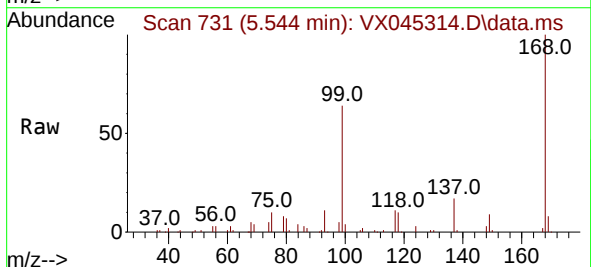
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

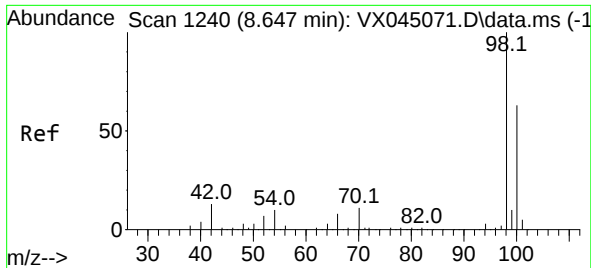
Tgt Ion: 75 Resp: 6472
Ion Ratio Lower Upper
75 100
110 5.0 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.969 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion: 117 Resp: 7255
Ion Ratio Lower Upper
117 100
119 4.6 76.7 115.1#
121 0.0 25.5 38.3#

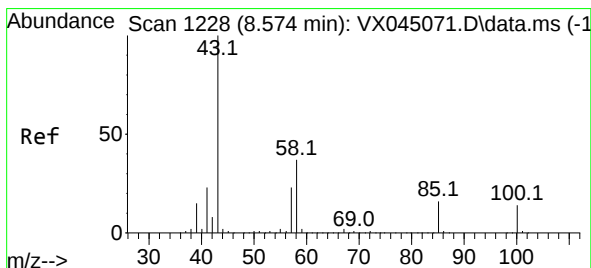
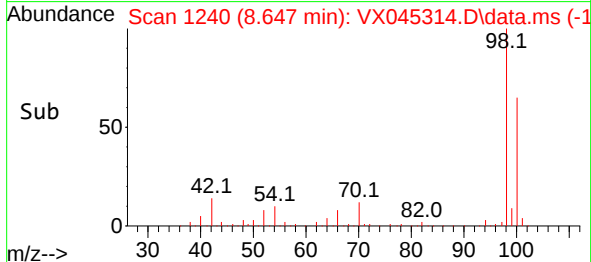
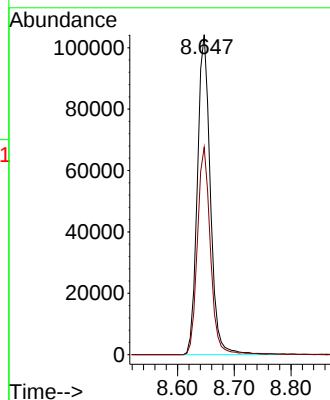
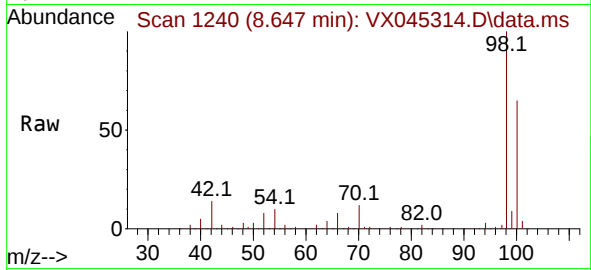




#50
Toluene-d8
Concen: 52.330 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

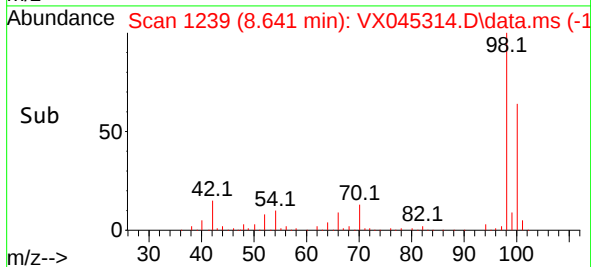
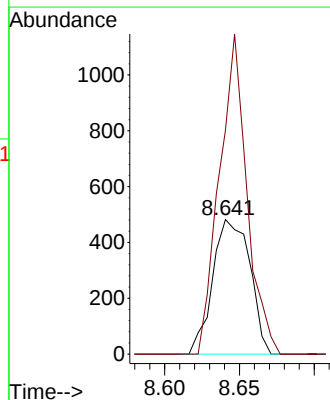
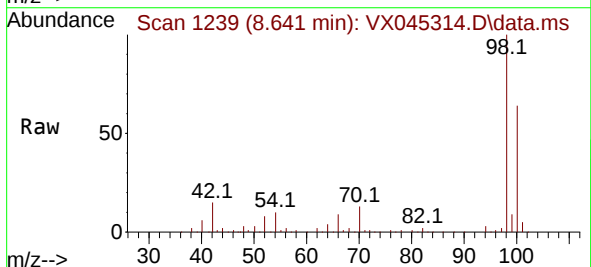
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

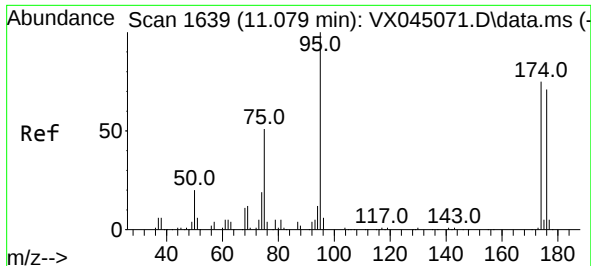
Tgt Ion: 98 Resp: 165615
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
58 176.5 29.2 43.8#





#62

4-Bromofluorobenzene

Concen: 52.216 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045314.D

Acq: 18 Mar 2025 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBL01

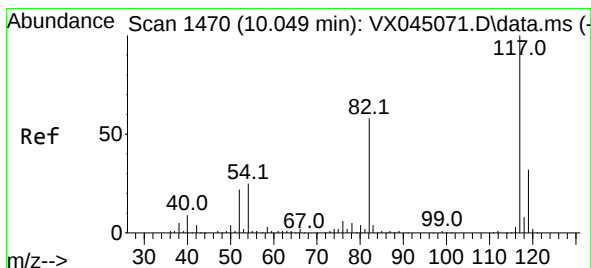
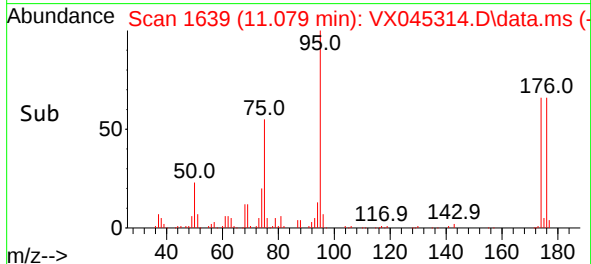
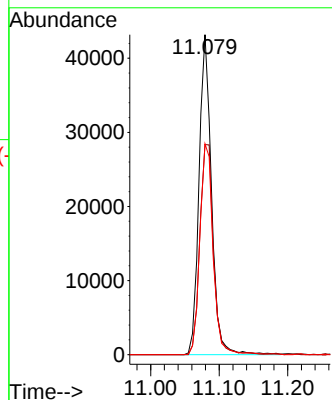
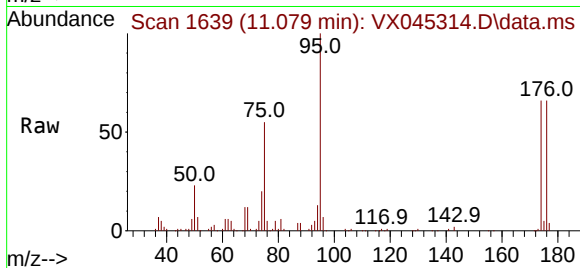
Tgt Ion: 95 Resp: 54760

Ion Ratio Lower Upper

95 100

174 71.8 0.0 148.2

176 70.1 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045314.D

Acq: 18 Mar 2025 10:53

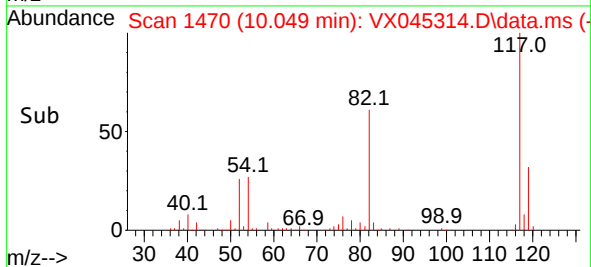
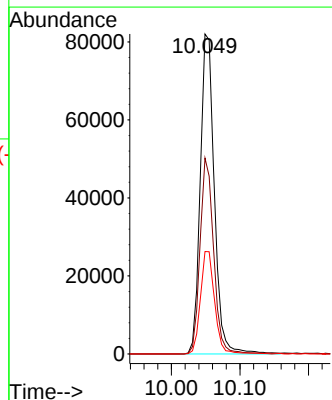
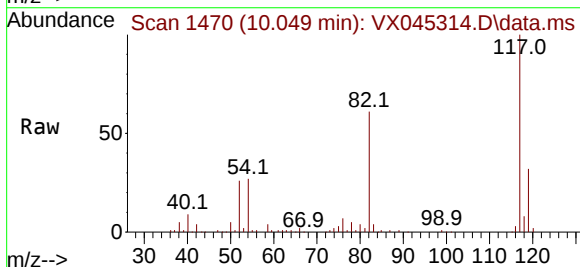
Tgt Ion: 117 Resp: 117786

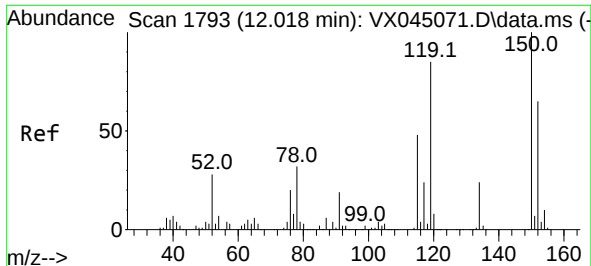
Ion Ratio Lower Upper

117 100

82 61.2 46.3 69.5

119 32.0 25.7 38.5

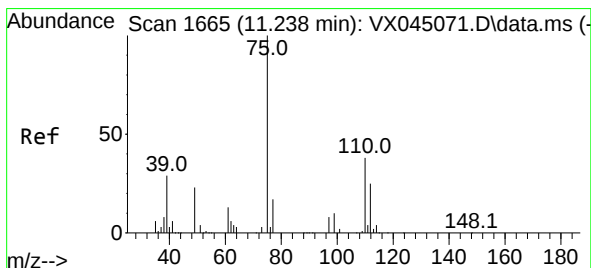
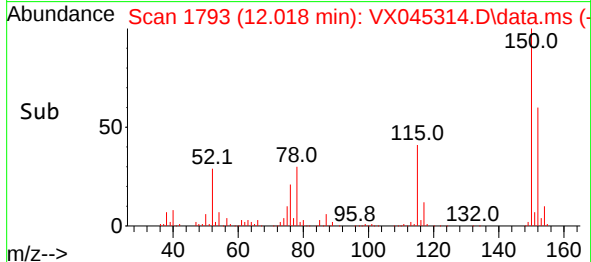
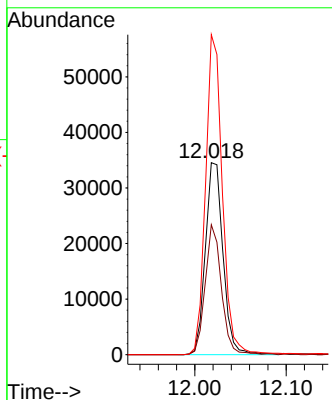
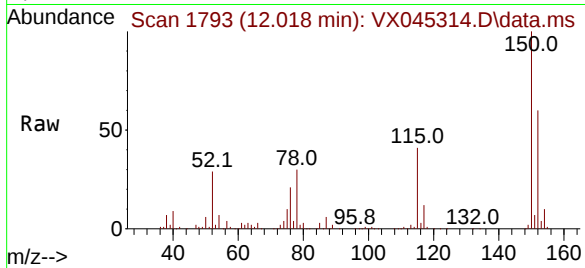




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045314.D
 Acq: 18 Mar 2025 10:53

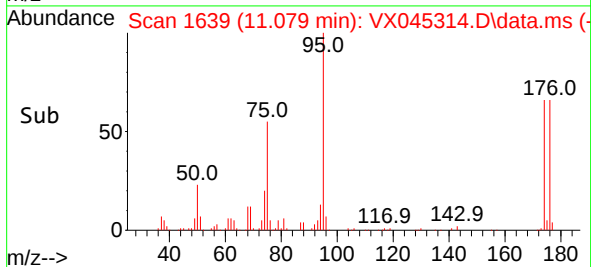
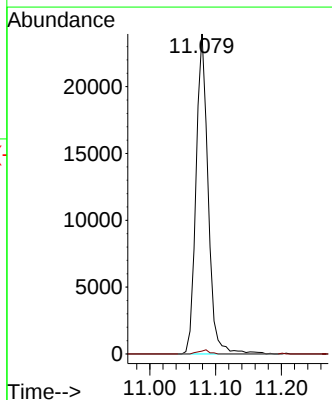
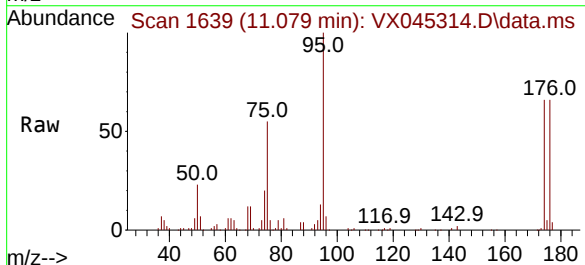
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBL01

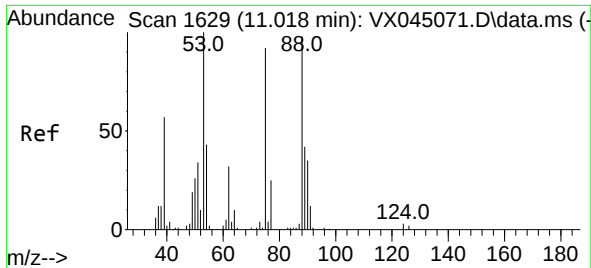
Tgt Ion:152 Resp: 46358
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.2 132.6
 150 158.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.412 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045314.D
 Acq: 18 Mar 2025 10:53

Tgt Ion: 75 Resp: 30656
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 97.231 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion: 75 Resp: 30656
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

