

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045599.D
 Acq On : 04 Apr 2025 15:10
 Operator : JC/MD
 Sample : Q1731-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-040325

Quant Time: Apr 04 23:12:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

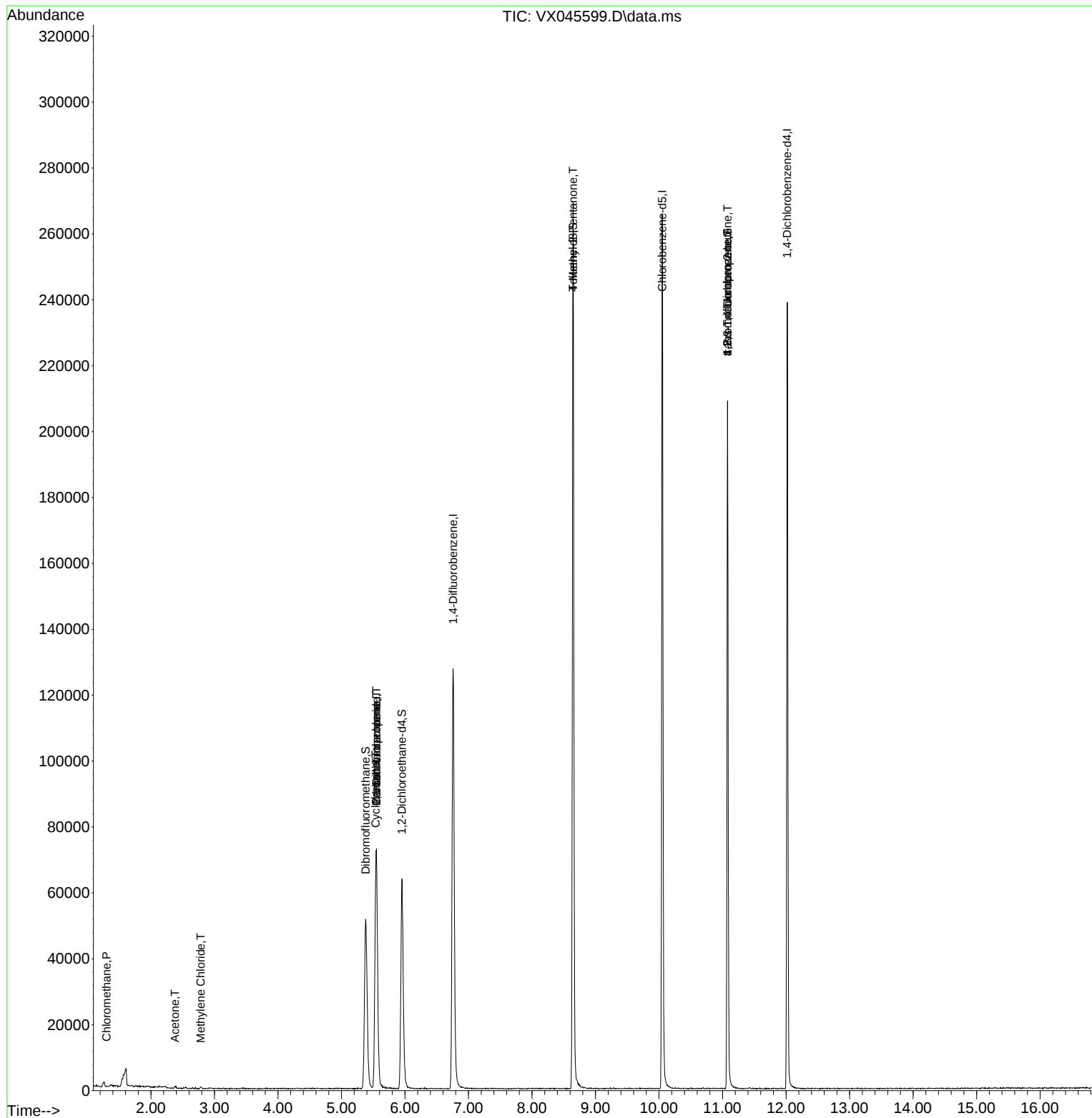
Internal Standards						
1) Pentafluorobenzene	5.550	168	62156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122509	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61983	54.530	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.060%	
35) Dibromofluoromethane	5.379	113	44298	50.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.920%	
50) Toluene-d8	8.647	98	153363	50.550	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	11.079	95	53504	48.416	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	353	0.370	ug/l #	42
16) Acetone	2.380	43	793	1.699	ug/l #	88
20) Methylene Chloride	2.782	84	277	0.317	ug/l #	72
31) Cyclohexane	5.537	56	2016	1.446	ug/l #	61
36) 1,1-Dichloropropene	5.550	75	6301	5.369	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7760	6.118	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	854	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31782	30.268	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31782	102.726	ug/l #	1

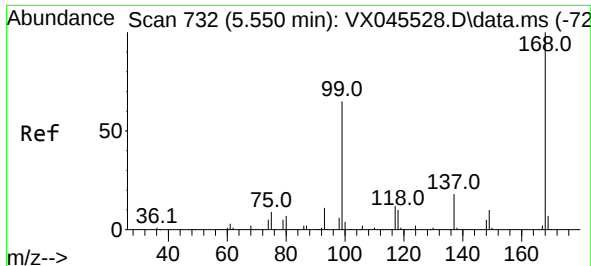
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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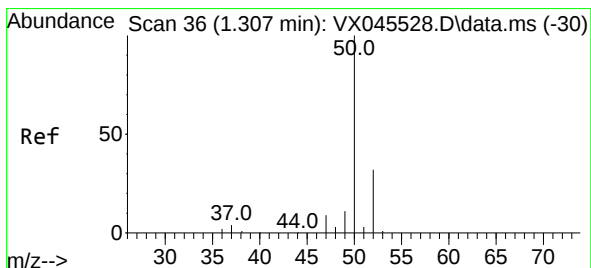
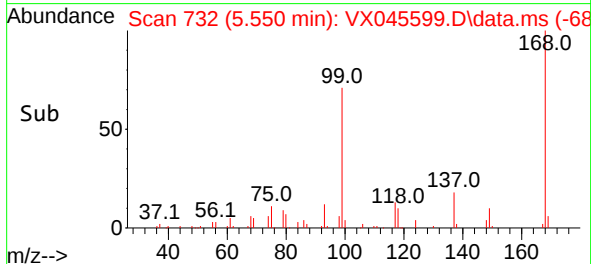
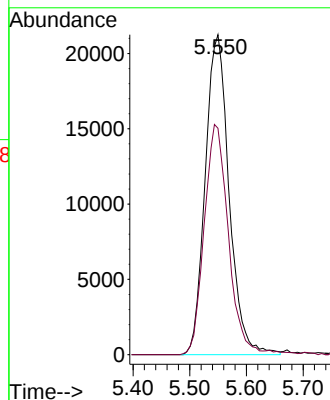
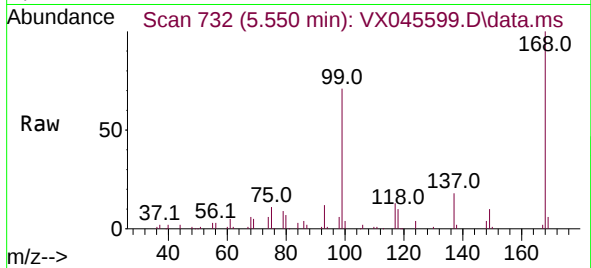




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

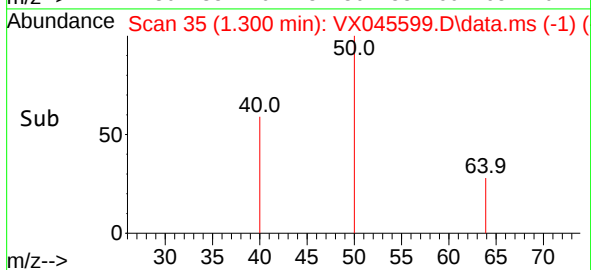
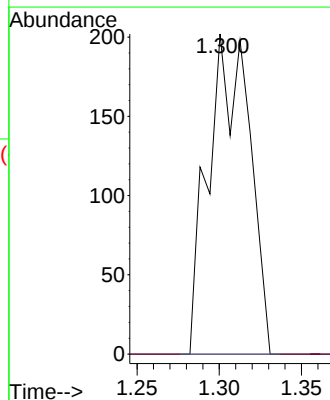
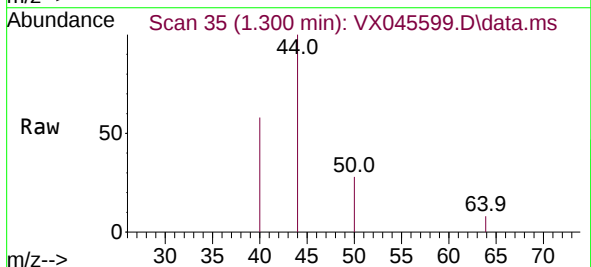
Instrument :
MSVOA_X
ClientSampleId :
TB01-040325

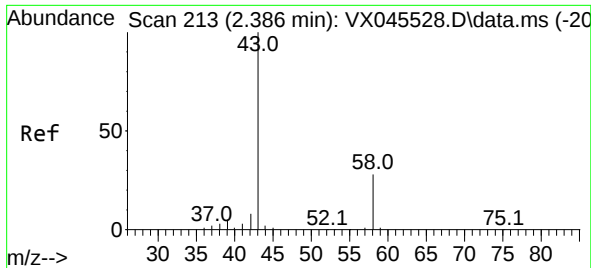
Tgt Ion:168 Resp: 62156
Ion Ratio Lower Upper
168 100
99 70.8 52.3 78.5



#3
Chloromethane
Concen: 0.370 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

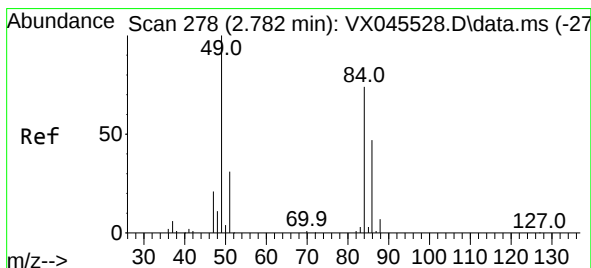
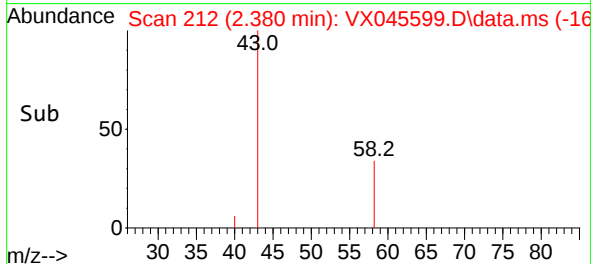
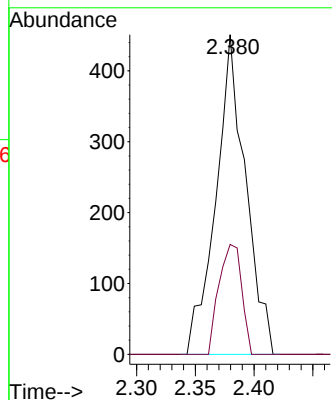
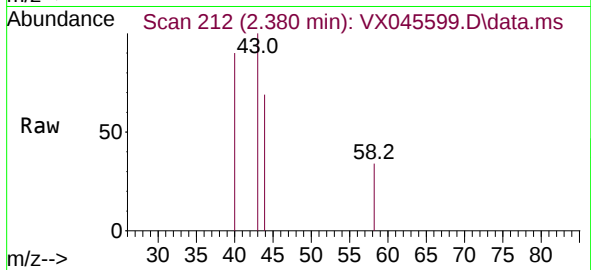




#16
Acetone
Concen: 1.699 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

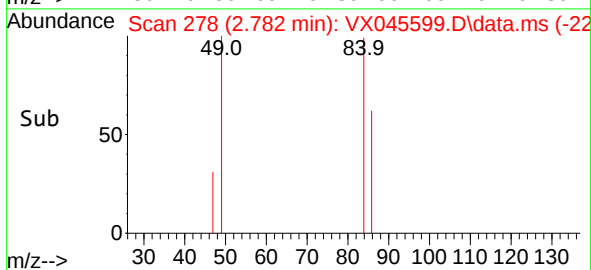
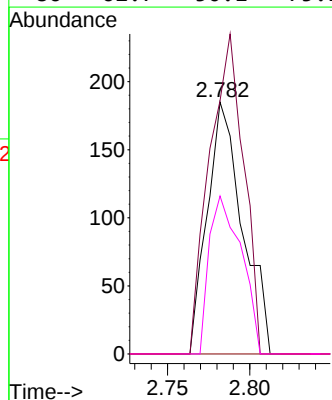
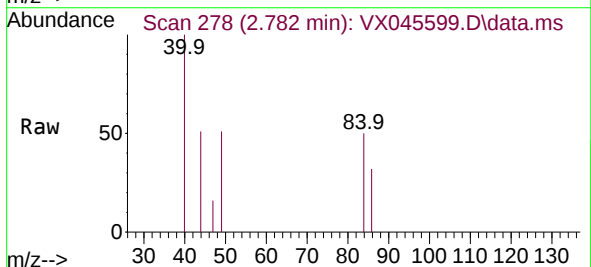
Instrument :
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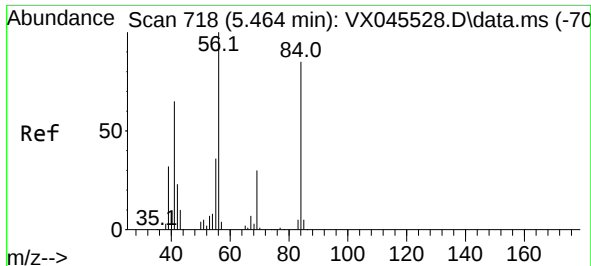
Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
58 34.4 22.3 33.5#



#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

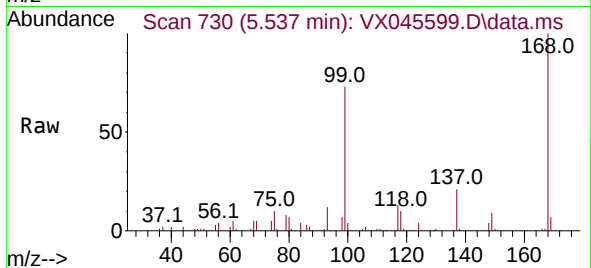
Tgt Ion: 84 Resp: 277
Ion Ratio Lower Upper
84 100
49 100.5 107.5 161.3#
51 0.0 33.0 49.6#
86 62.7 50.1 75.1



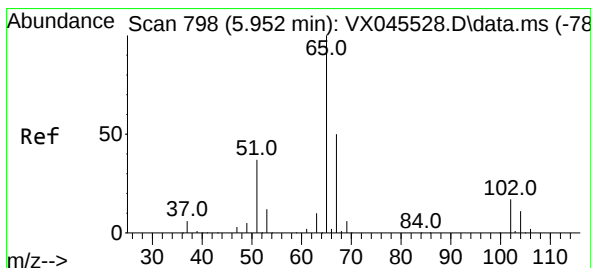
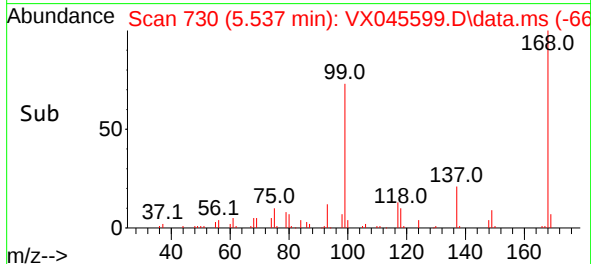
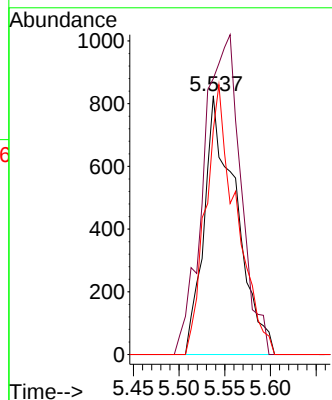


#31
Cyclohexane
Concen: 1.446 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
TB01-040325

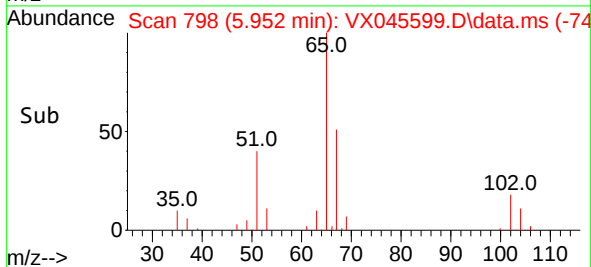
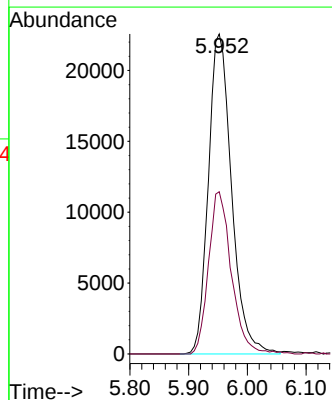
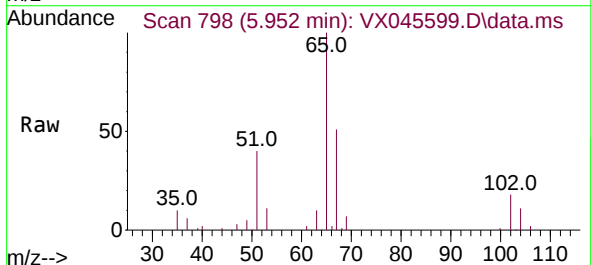


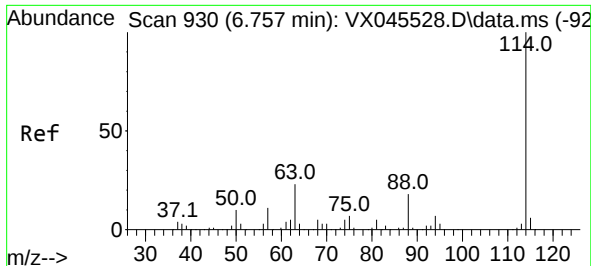
Tgt Ion: 56 Resp: 2016
Ion Ratio Lower Upper
56 100
69 106.7 23.6 35.4#
84 86.9 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.530 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

Tgt Ion: 65 Resp: 61983
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0

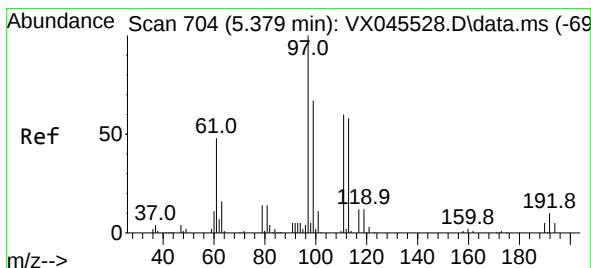
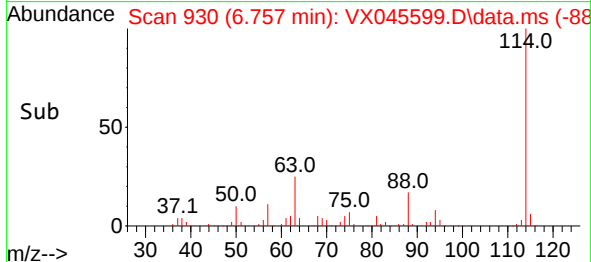
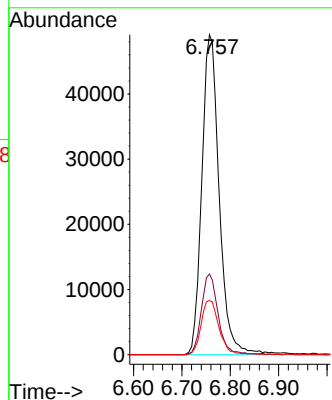
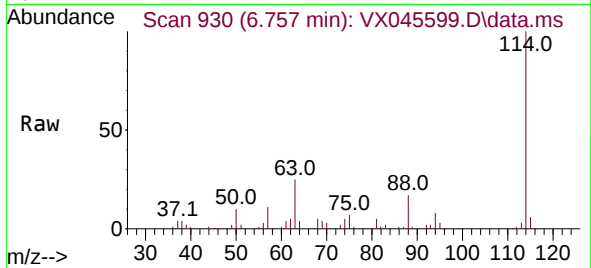




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

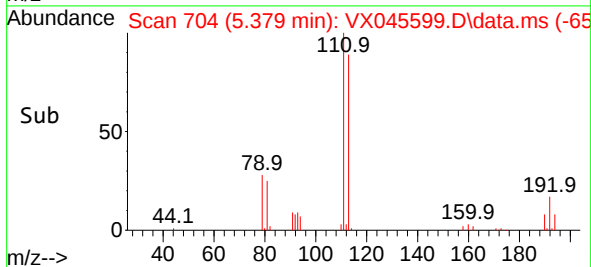
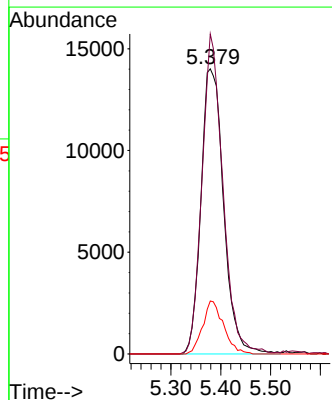
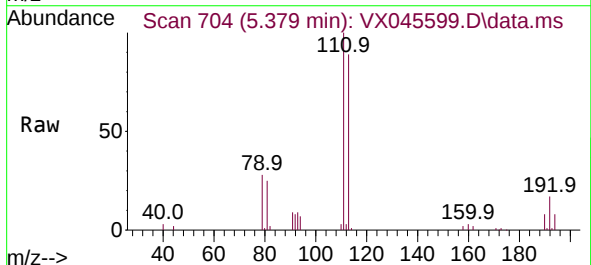
Instrument :
MSVOA_X
ClientSampleId :
TB01-040325

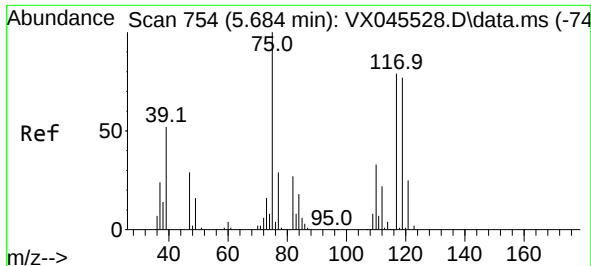
Tgt Ion:114 Resp: 122509
Ion Ratio Lower Upper
114 100
63 25.2 0.0 46.8
88 16.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.964 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

Tgt Ion:113 Resp: 44298
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 17.1 13.8 20.6

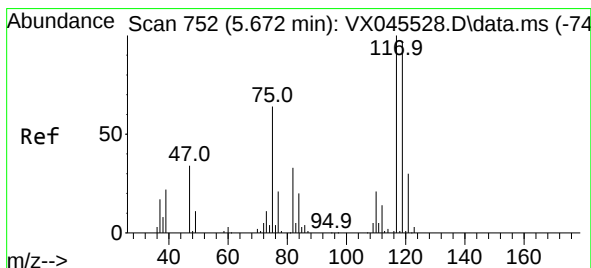
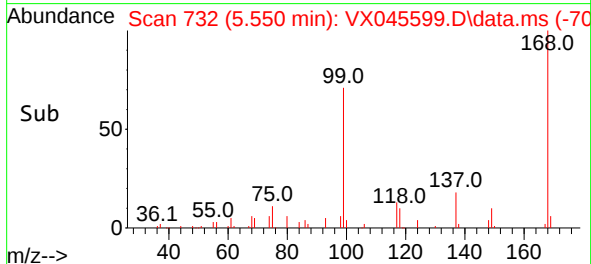
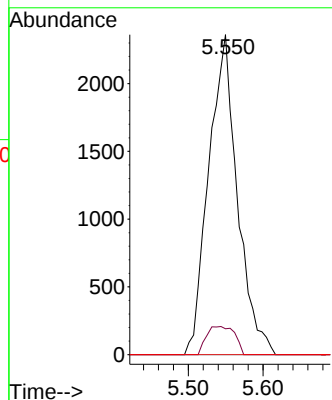
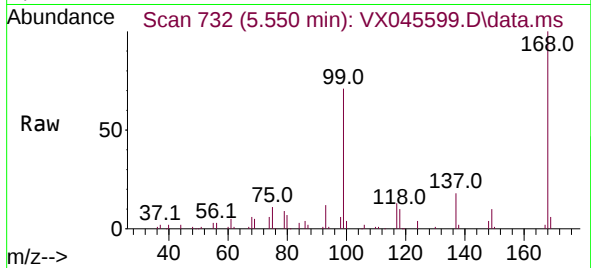




#36
1,1-Dichloropropene
Concen: 5.369 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

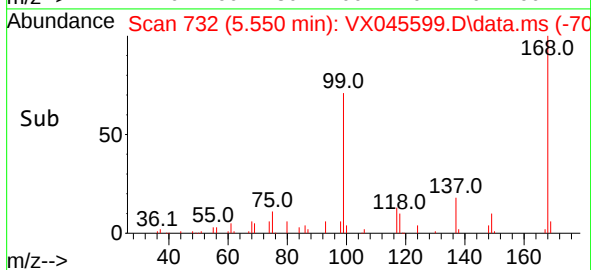
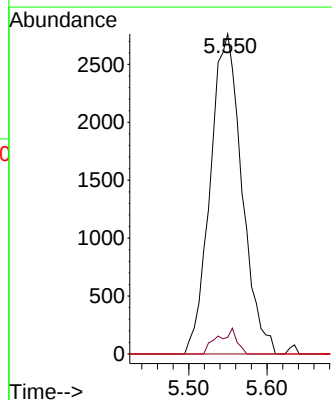
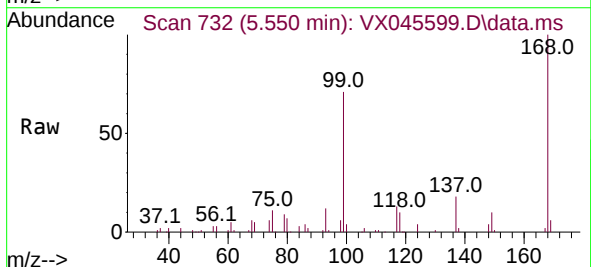
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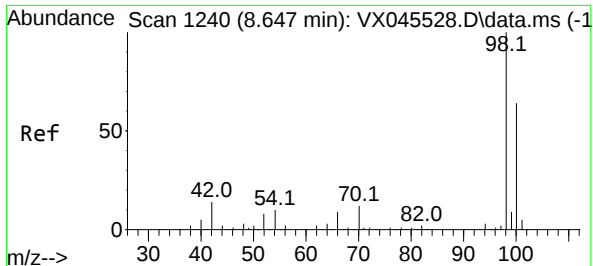
Tgt Ion: 75 Resp: 6301
Ion Ratio Lower Upper
75 100
110 8.7 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.118 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

Tgt Ion: 117 Resp: 7760
Ion Ratio Lower Upper
117 100
119 5.2 76.9 115.3#
121 0.0 24.2 36.2#

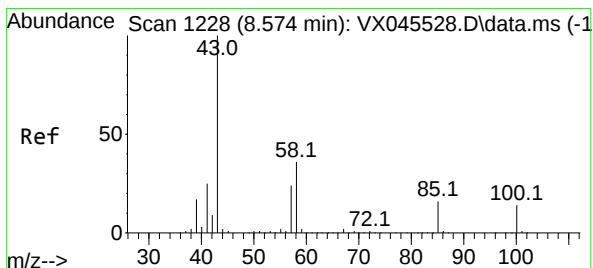
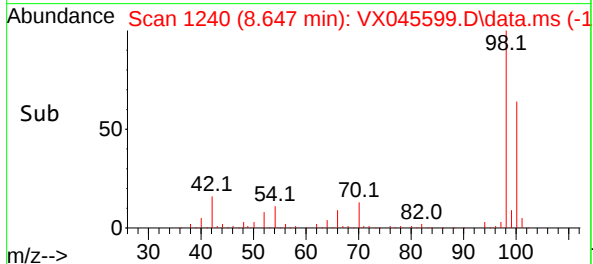
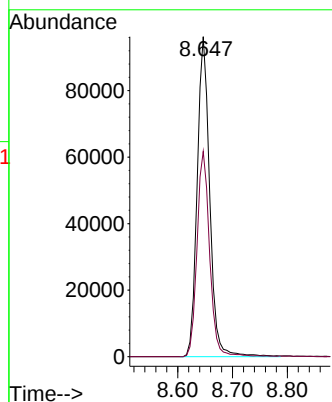
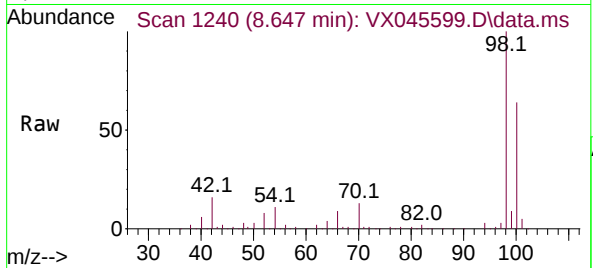




#50
Toluene-d8
Concen: 50.550 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

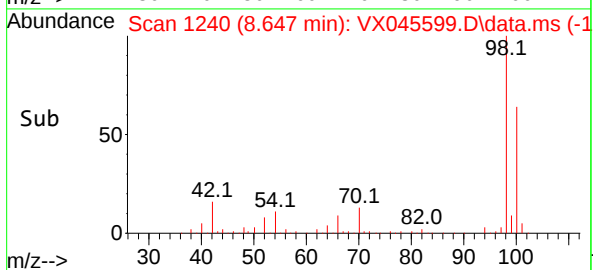
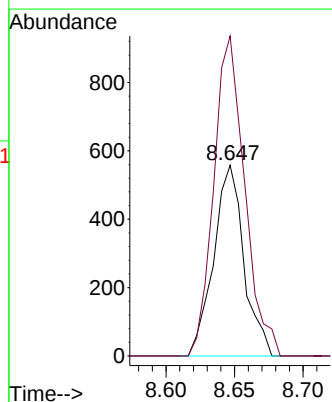
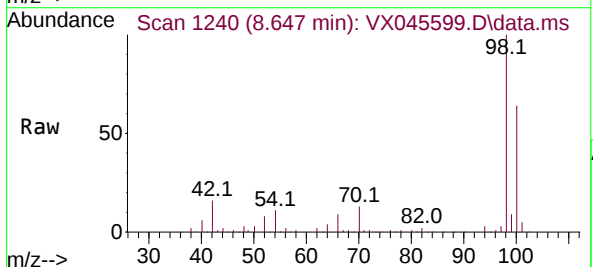
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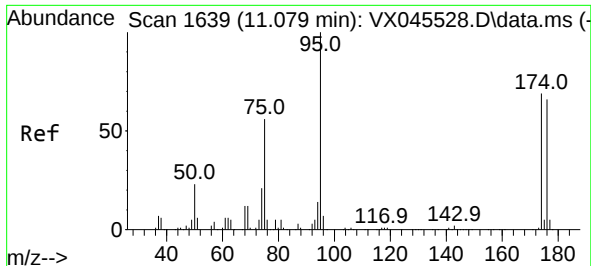
Tgt Ion: 98 Resp: 153363
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
58 171.8 28.5 42.7#

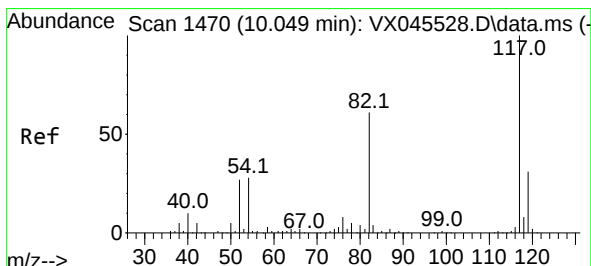
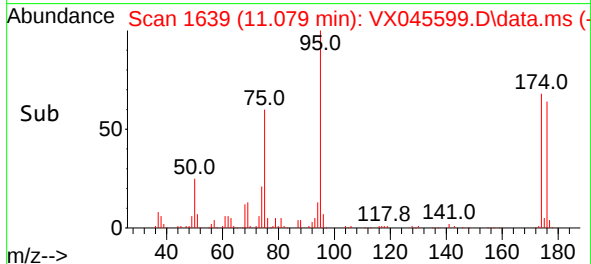
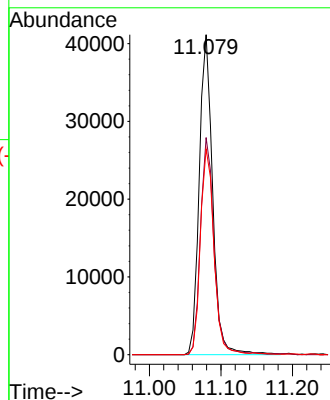
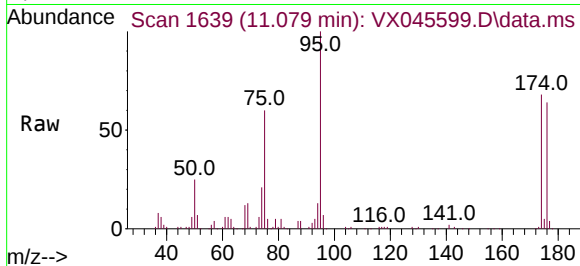




#62
4-Bromofluorobenzene
Concen: 48.416 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

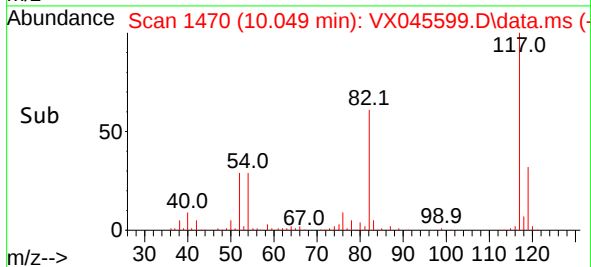
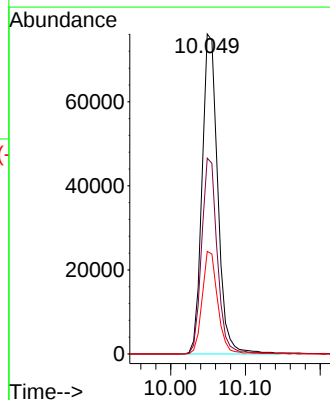
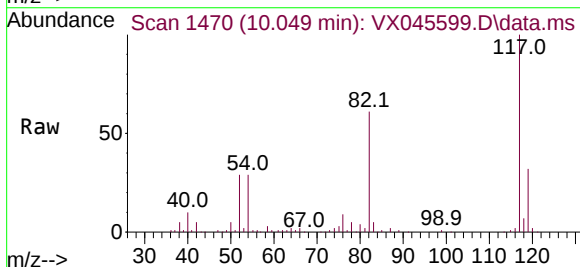
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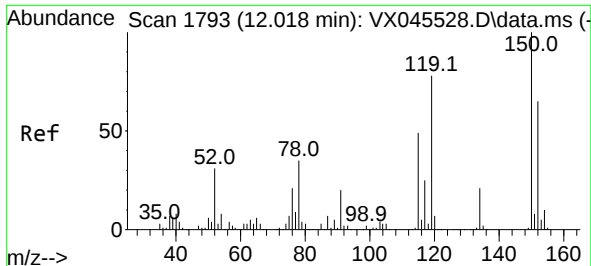
Tgt Ion: 95 Resp: 53504
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 65.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045599.D
Acq: 04 Apr 2025 15:10

Tgt Ion: 117 Resp: 111172
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 32.1 25.1 37.7

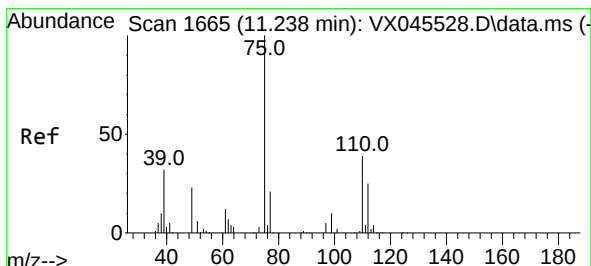
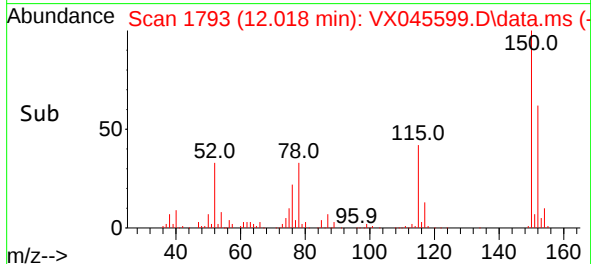
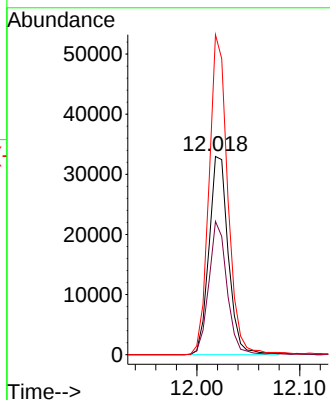
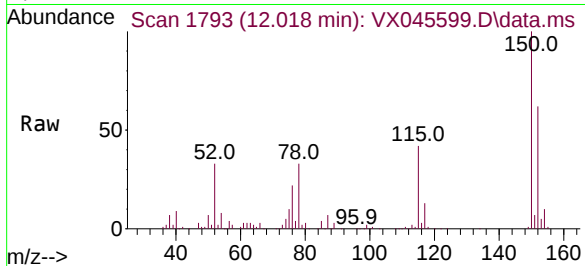




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045599.D
 Acq: 04 Apr 2025 15:10

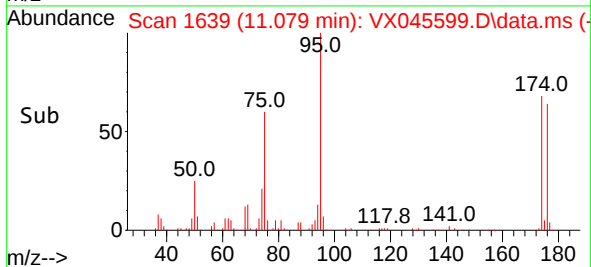
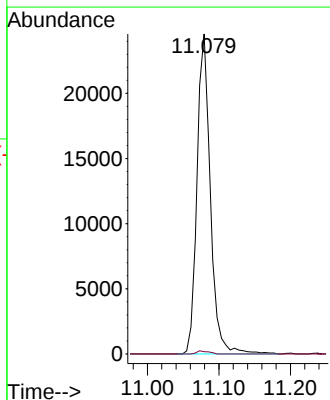
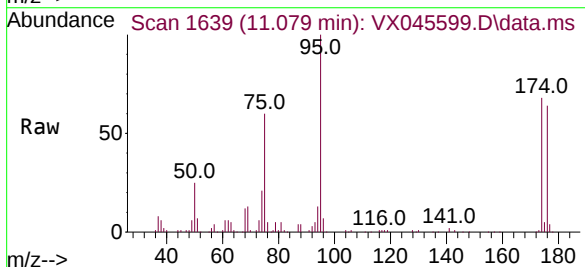
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-040325

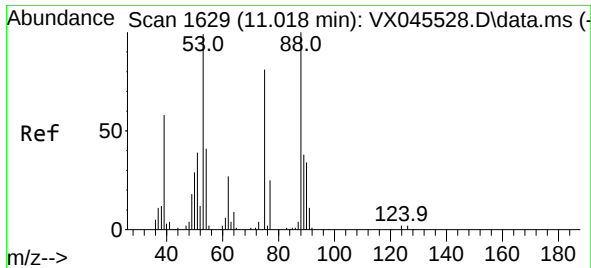
Tgt Ion:152 Resp: 43047
 Ion Ratio Lower Upper
 152 100
 115 63.1 46.9 140.7
 150 156.6 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 30.268 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045599.D
 Acq: 04 Apr 2025 15:10

Tgt Ion: 75 Resp: 31782
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.726 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045599.D
 Acq: 04 Apr 2025 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-040325

Tgt Ion: 75 Resp: 31782
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

