

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045588.D
 Acq On : 04 Apr 2025 10:51
 Operator : JC/MD
 Sample : VX0404WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBL01

Quant Time: Apr 04 23:10:30 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)

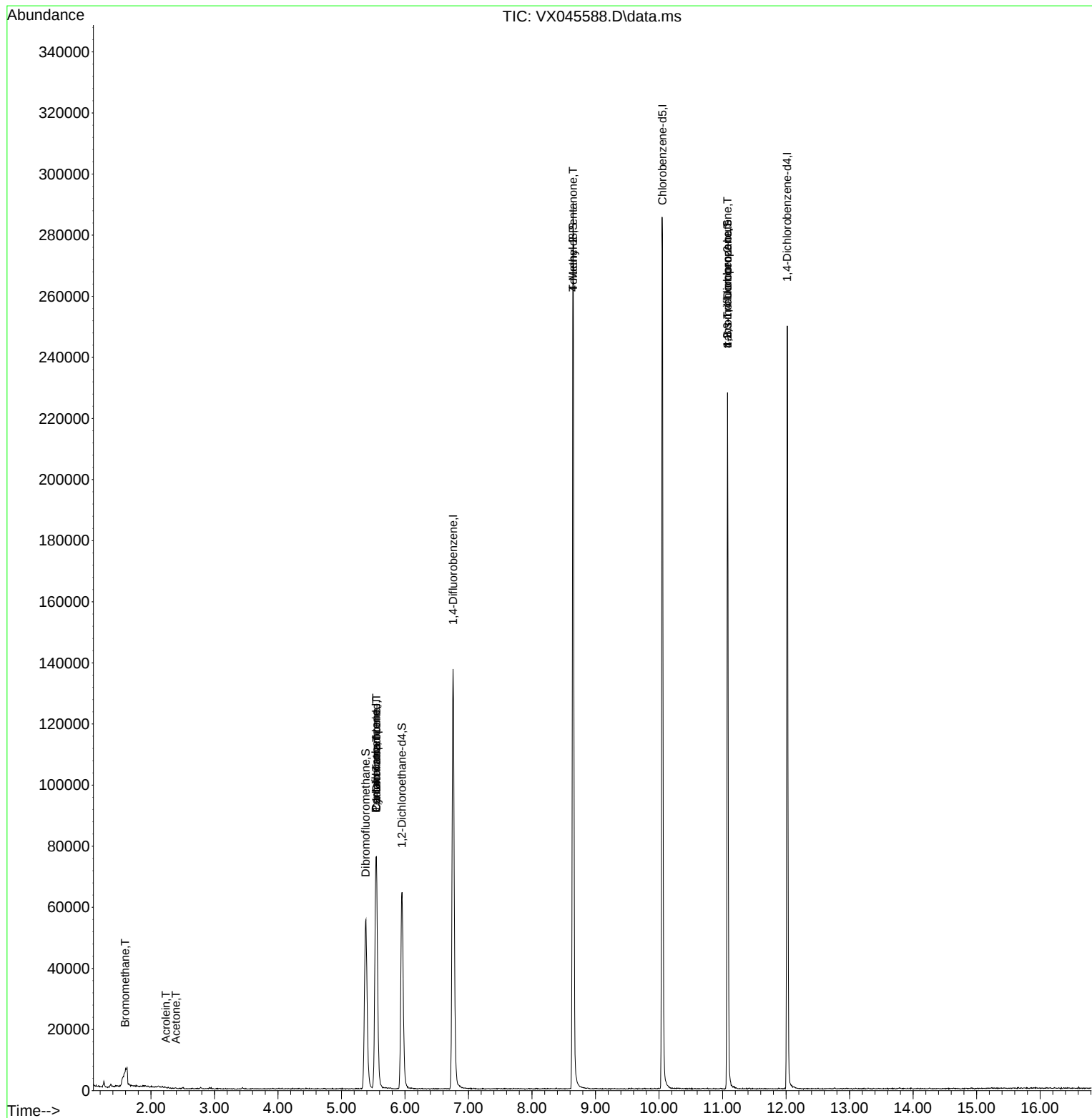
Internal Standards						
1) Pentafluorobenzene	5.543	168	66301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66417	54.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.560%	
35) Dibromofluoromethane	5.379	113	47516	52.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.080%	
50) Toluene-d8	8.647	98	161989	50.831	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	11.079	95	57504	49.538	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.080%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	121	0.274	ug/l #	3
13) Acrolein	2.233	56	53	0.236	ug/l #	60
16) Acetone	2.392	43	228	0.458	ug/l #	47
31) Cyclohexane	5.550	56	2158	1.451	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	6645	5.390	ug/l #	46
38) Carbon Tetrachloride	5.550	117	7806	5.859	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	918	0.588	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34353	30.600	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34353	103.852	ug/l #	1

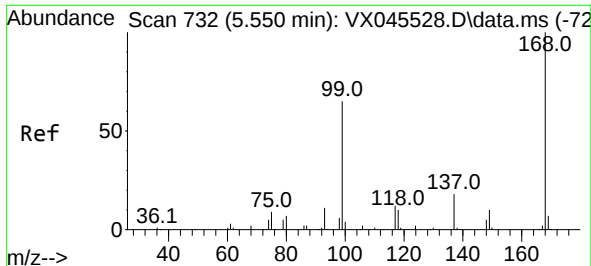
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VX0404WBL01

Quant Time: Apr 04 23:10:30 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

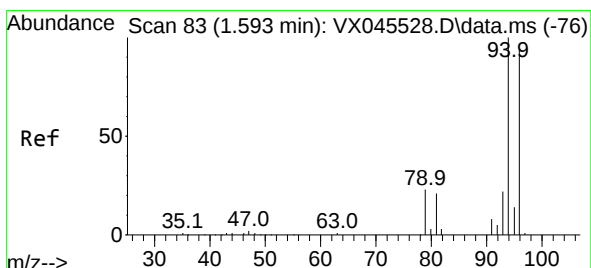
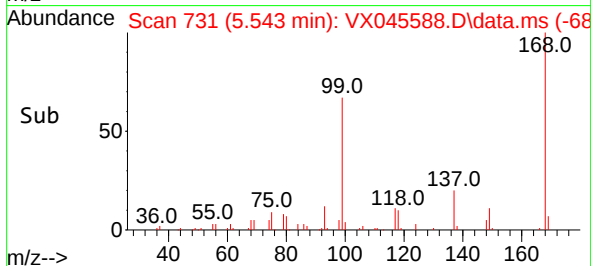
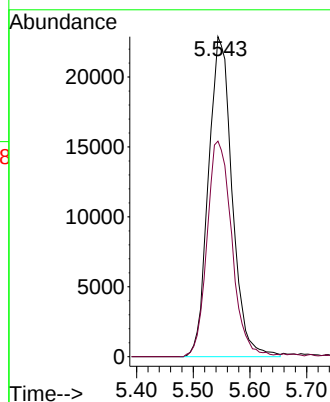
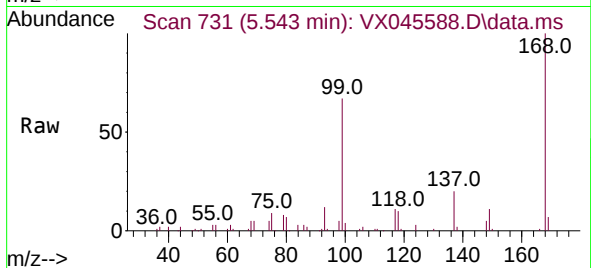




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

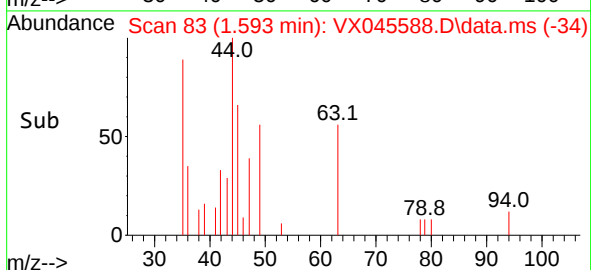
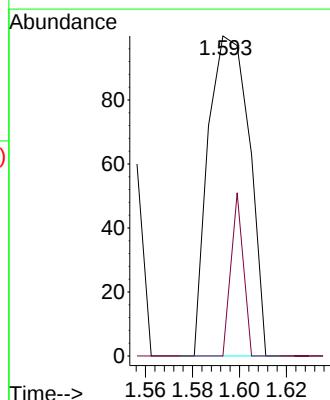
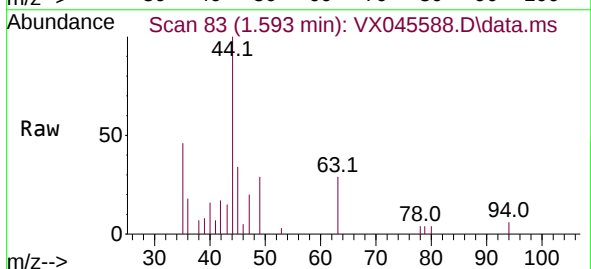
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBL01

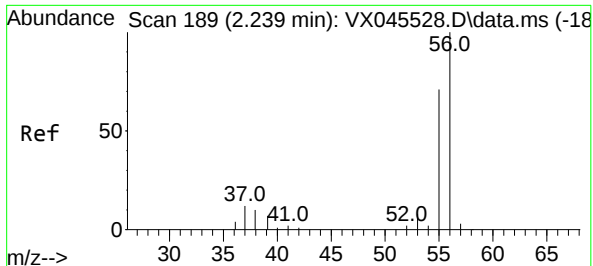
Tgt Ion:168 Resp: 66301
Ion Ratio Lower Upper
168 100
99 67.3 52.3 78.5



#5
Bromomethane
Concen: 0.274 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

Tgt Ion: 94 Resp: 121
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

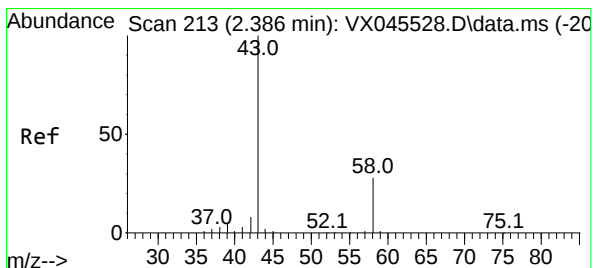
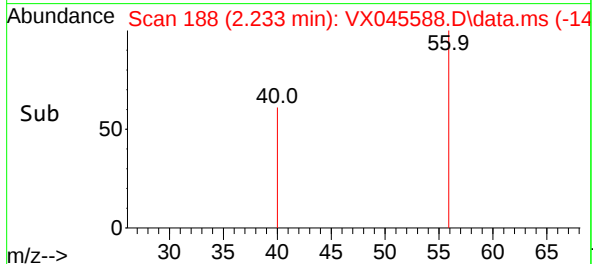
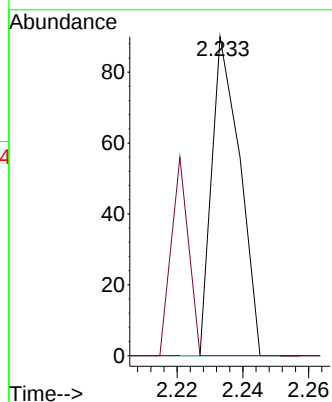
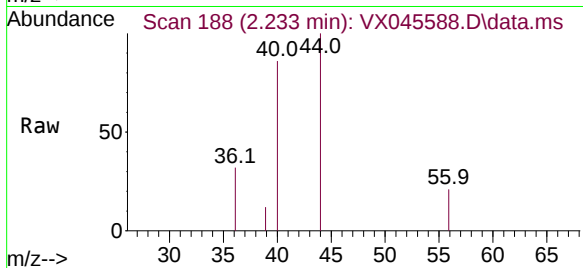




#13
Acrolein
Concen: 0.236 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

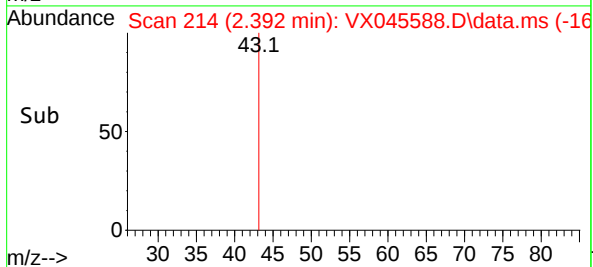
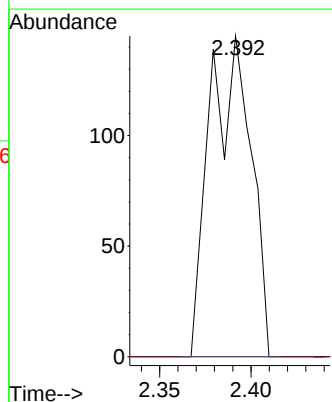
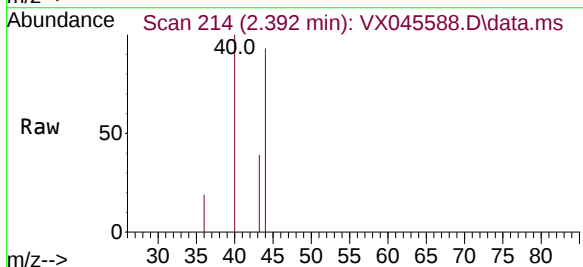
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBL01

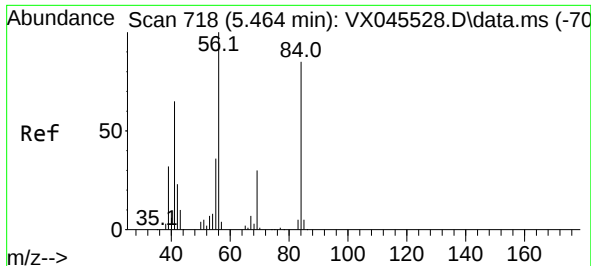
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 37.7 56.2 84.2#



#16
Acetone
Concen: 0.458 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

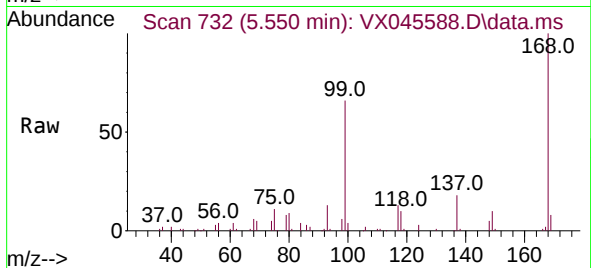
Tgt Ion: 43 Resp: 228
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



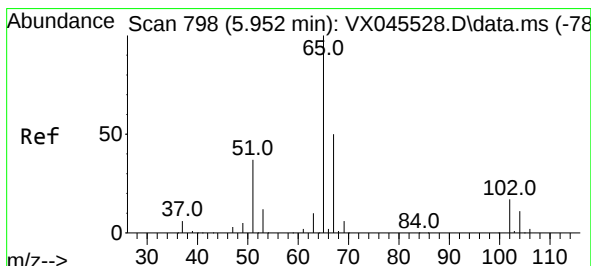
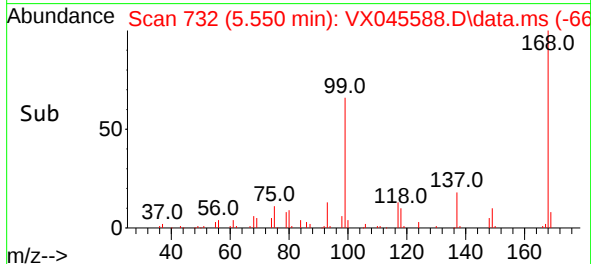
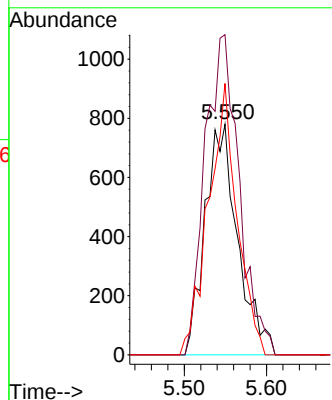


#31
Cyclohexane
Concen: 1.451 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBL01

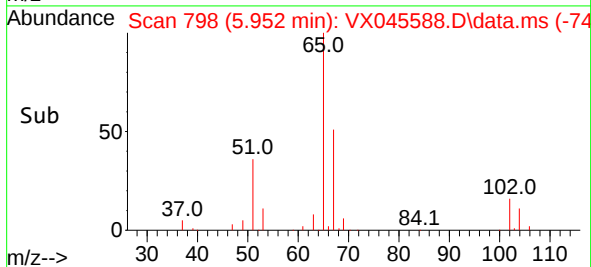
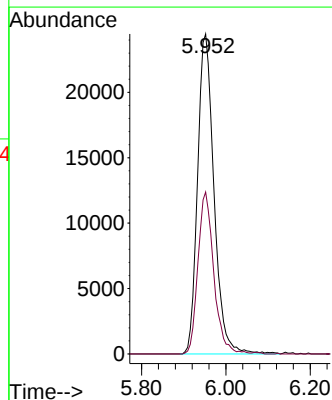
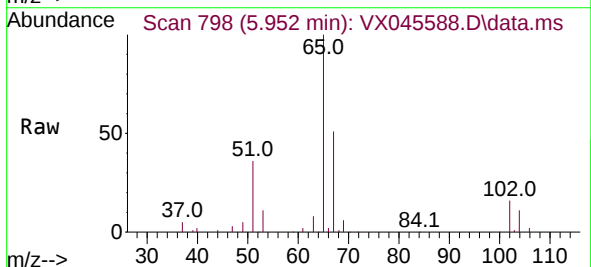


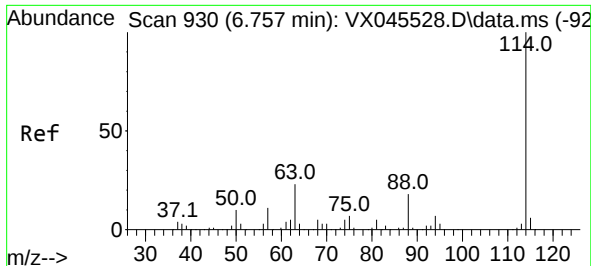
Tgt Ion: 56 Resp: 2158
Ion Ratio Lower Upper
56 100
69 138.8 23.6 35.4#
84 117.7 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 54.778 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

Tgt Ion: 65 Resp: 66417
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

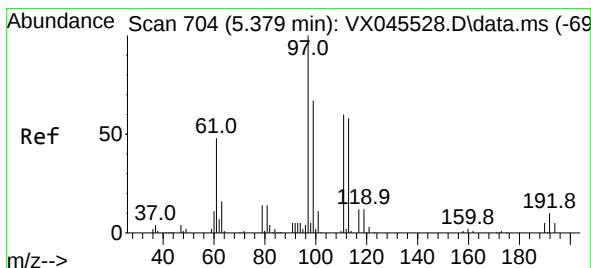
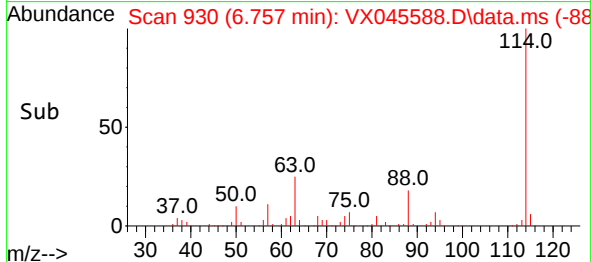
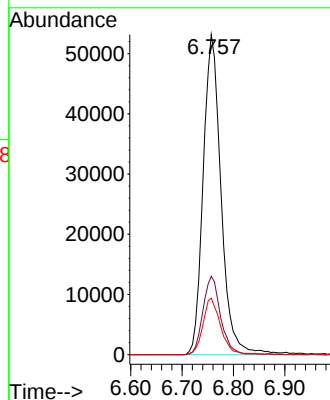
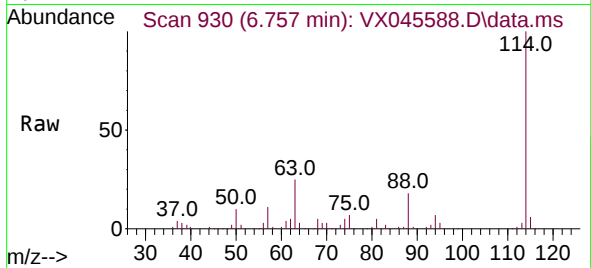




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045588.D
 Acq: 04 Apr 2025 10:51

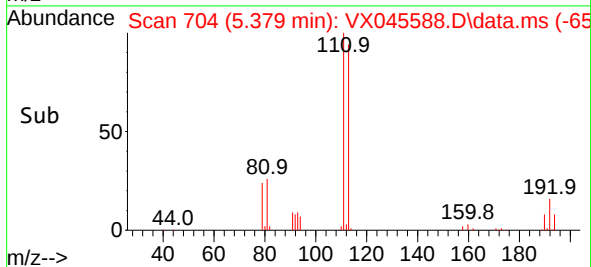
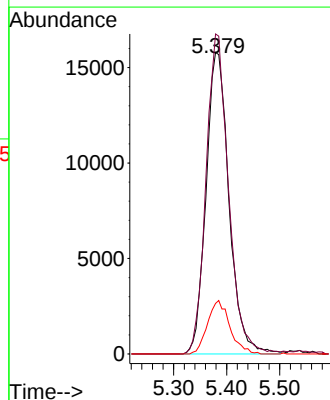
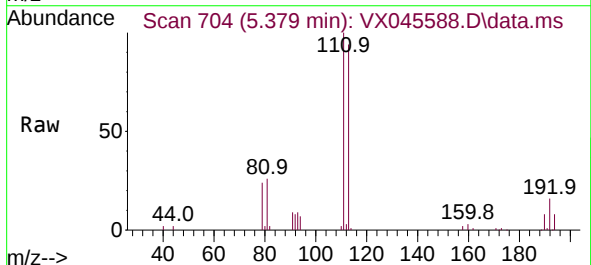
Instrument :
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 ClientSampleId :
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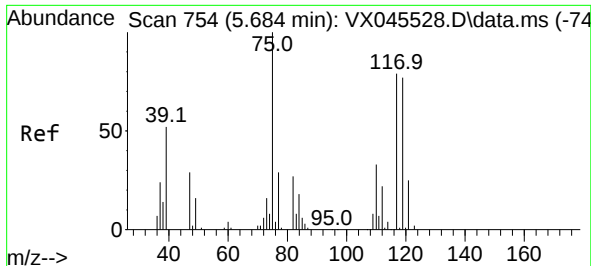
Tgt Ion:114 Resp: 128686
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.8
 88 17.7 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 52.042 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX045588.D
 Acq: 04 Apr 2025 10:51

Tgt Ion:113 Resp: 47516
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.8 122.6
 192 17.3 13.8 20.6

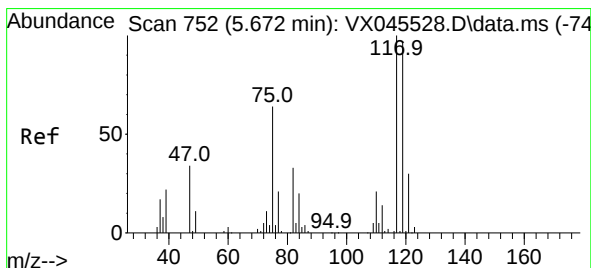
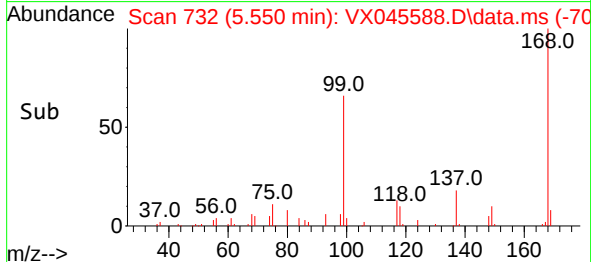
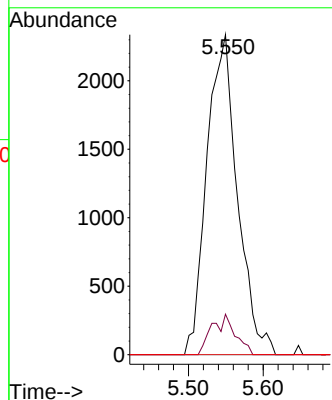
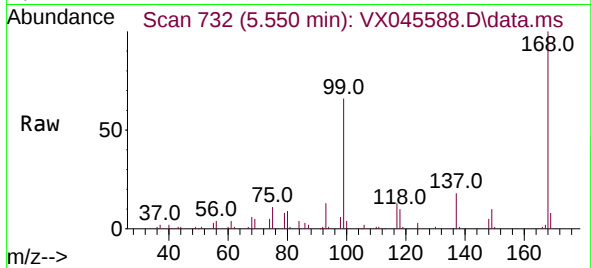




#36
1,1-Dichloropropene
Concen: 5.390 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

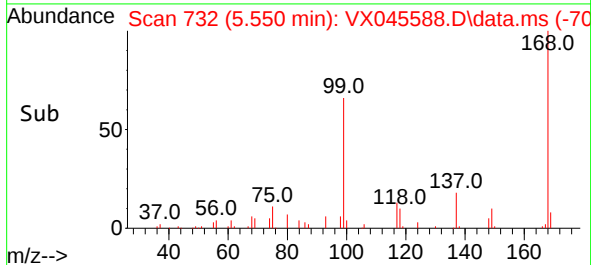
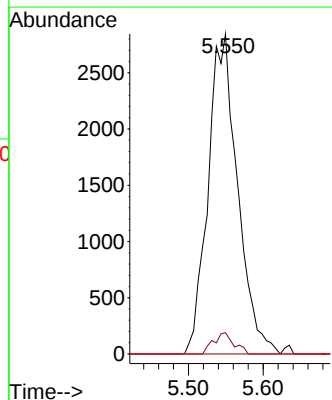
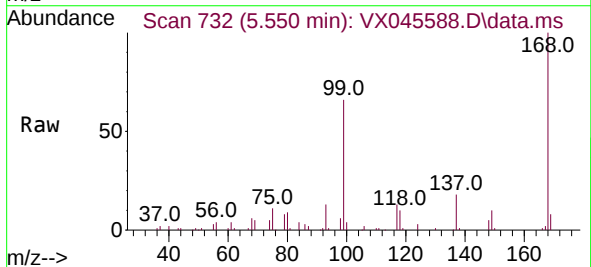
Instrument :
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ClientSampleId :
VX0404WBL01

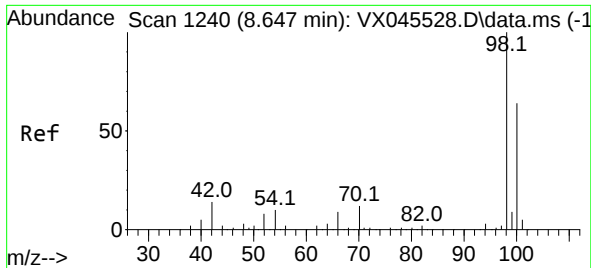
Tgt Ion: 75 Resp: 6645
Ion Ratio Lower Upper
75 100
110 4.6 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.859 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

Tgt Ion: 117 Resp: 7806
Ion Ratio Lower Upper
117 100
119 6.7 76.9 115.3#
121 0.0 24.2 36.2#

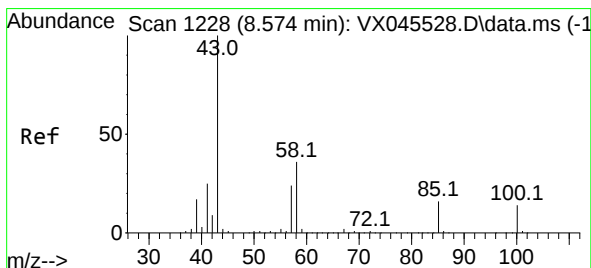
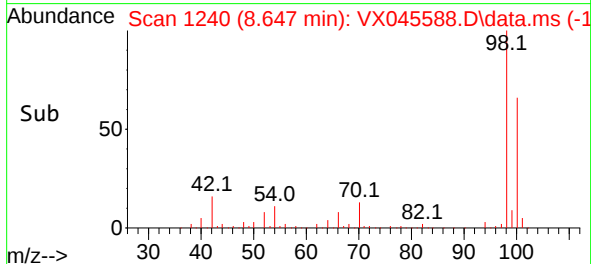
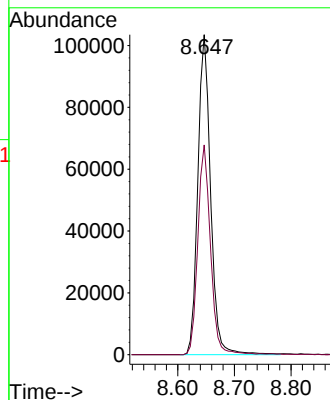
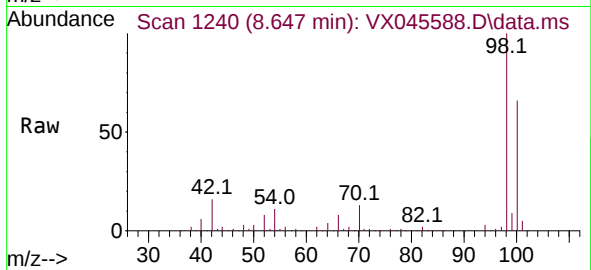




#50
Toluene-d8
Concen: 50.831 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

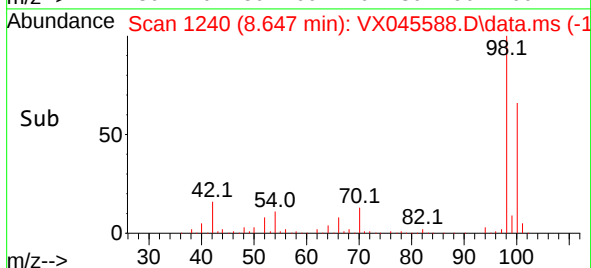
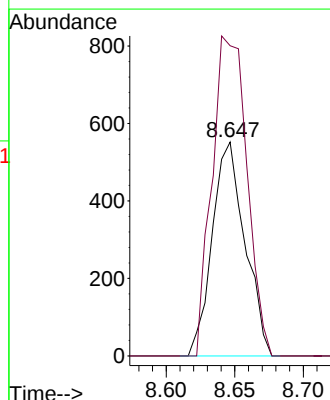
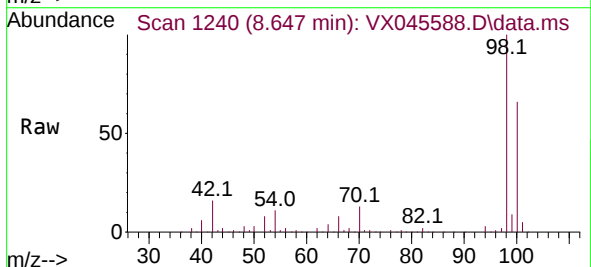
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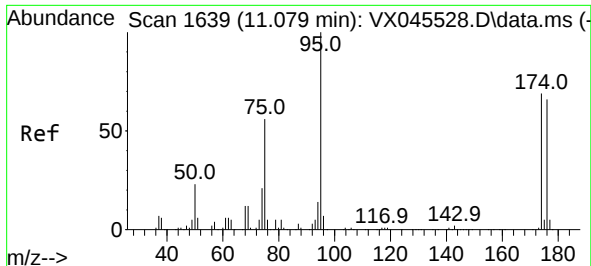
Tgt Ion: 98 Resp: 161989
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.588 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

Tgt Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
58 159.3 28.5 42.7#





#62

4-Bromofluorobenzene

Concen: 49.538 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045588.D

Acq: 04 Apr 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBL01

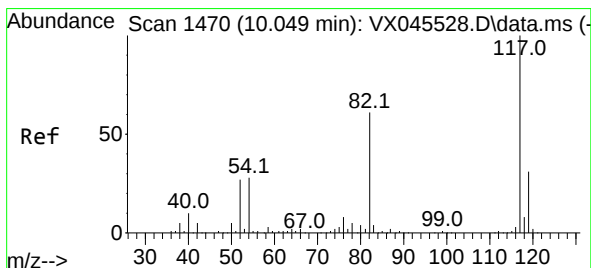
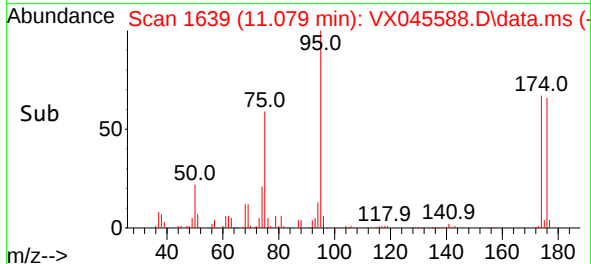
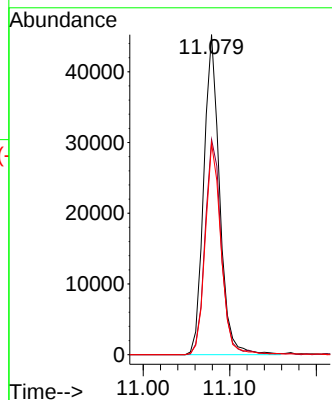
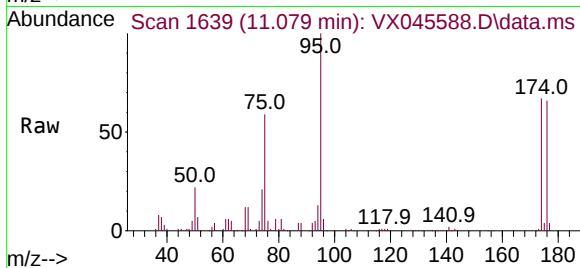
Tgt Ion: 95 Resp: 57504

Ion Ratio Lower Upper

95 100

174 68.9 0.0 135.8

176 66.6 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045588.D

Acq: 04 Apr 2025 10:51

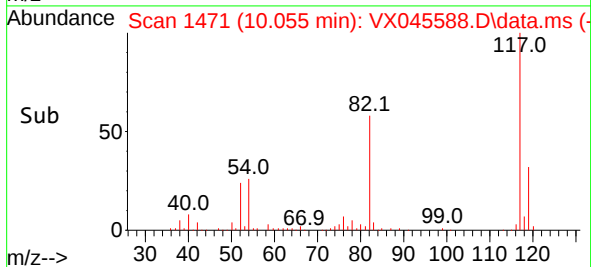
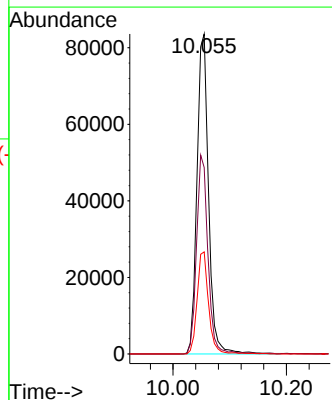
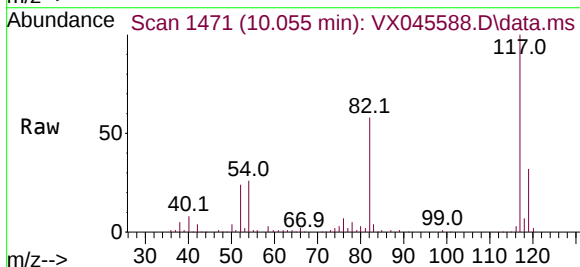
Tgt Ion: 117 Resp: 118182

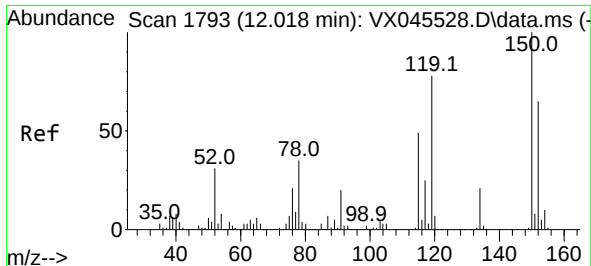
Ion Ratio Lower Upper

117 100

82 58.3 49.2 73.8

119 31.9 25.1 37.7

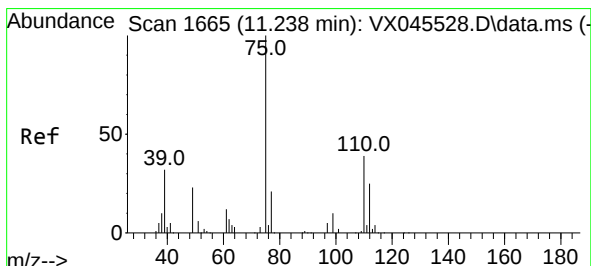
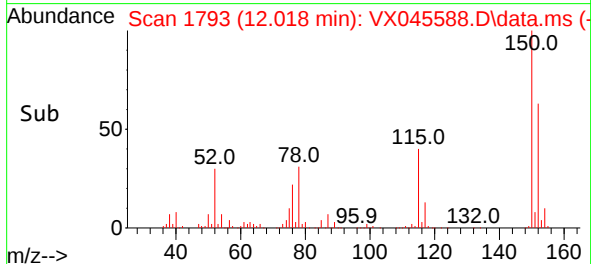
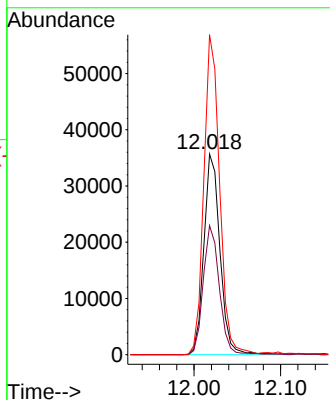
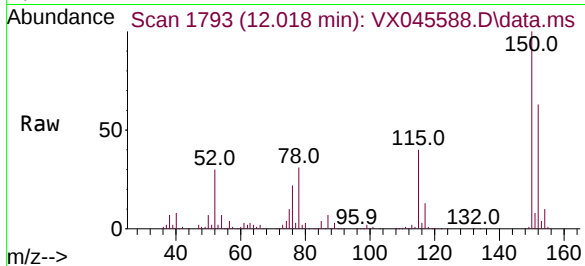




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

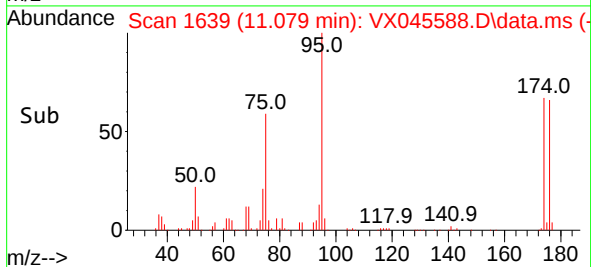
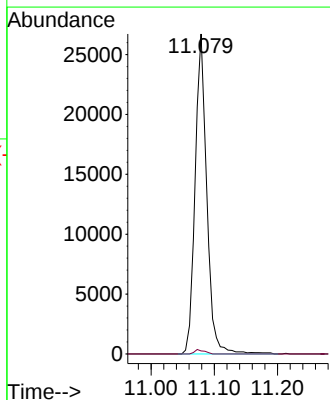
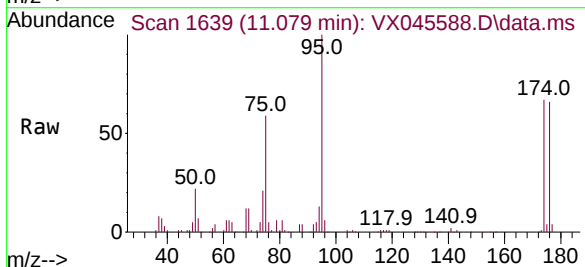
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBL01

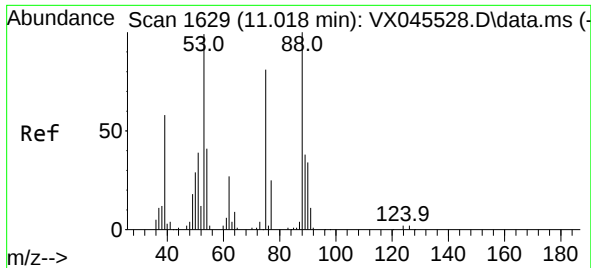
Tgt Ion:152 Resp: 46025
Ion Ratio Lower Upper
152 100
115 64.7 46.9 140.7
150 155.8 0.0 349.4



#76
1,2,3-Trichloropropane
Concen: 30.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045588.D
Acq: 04 Apr 2025 10:51

Tgt Ion: 75 Resp: 34353
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.852 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045588.D
 Acq: 04 Apr 2025 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBL01

Tgt Ion: 75 Resp: 34353
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

