

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045979.D
 Acq On : 29 Apr 2025 13:58
 Operator : JC/MD
 Sample : Q1901-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB04262025

Quant Time: Apr 30 01:38:50 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)

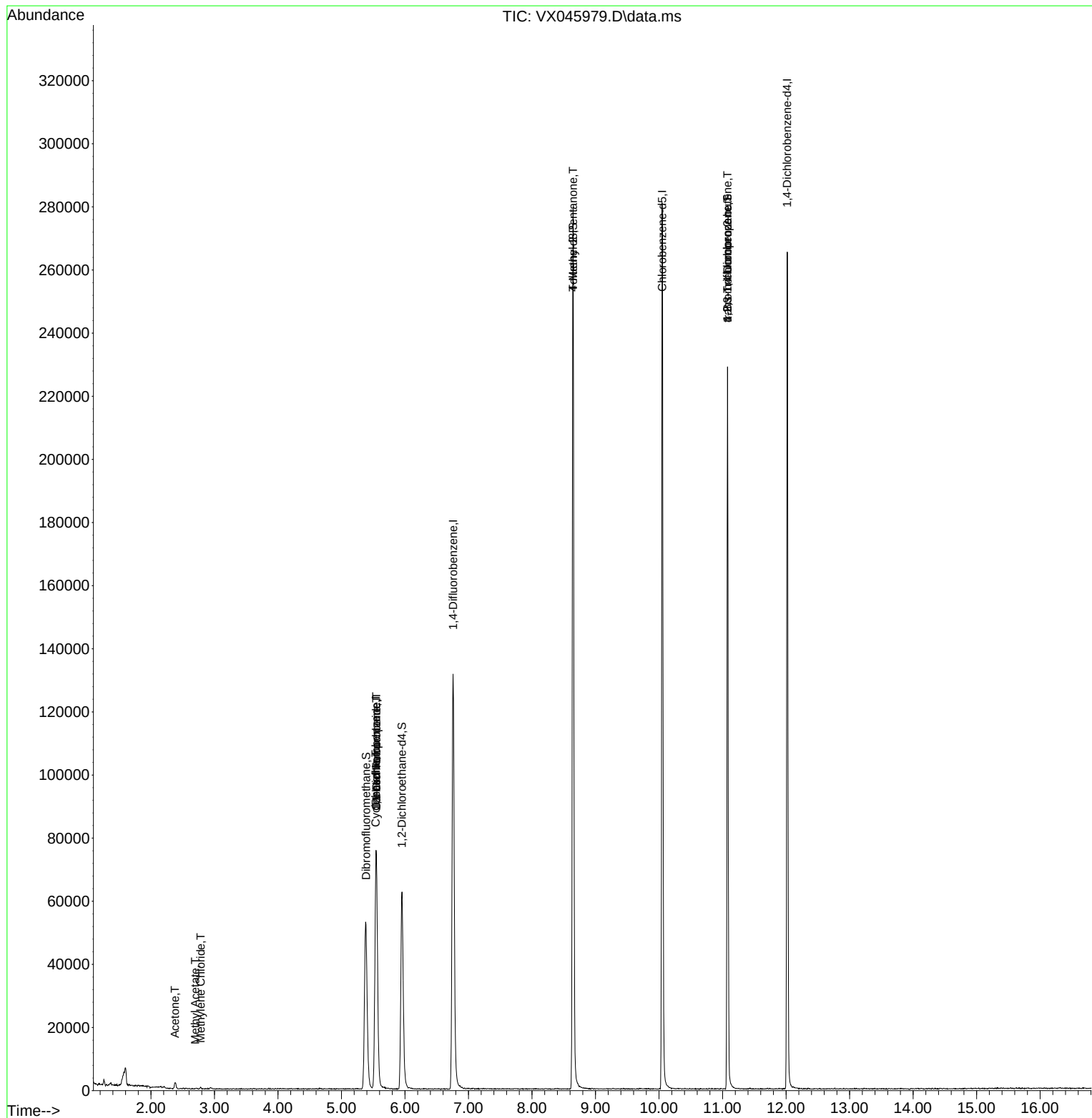
Internal Standards						
1) Pentafluorobenzene	5.544	168	64509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64442	54.626	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.260%	
35) Dibromofluoromethane	5.385	113	46820	51.573	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.140%	
50) Toluene-d8	8.647	98	159888	50.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	11.079	95	58165	50.394	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2285	4.717	ug/l	94
18) Methyl Acetate	2.697	43	383	0.343	ug/l #	54
20) Methylene Chloride	2.782	84	247	0.272	ug/l #	59
31) Cyclohexane	5.538	56	1893	1.308	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	6461	5.271	ug/l #	47
38) Carbon Tetrachloride	5.550	117	7730	5.835	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	802	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34095	28.898	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34095	98.075	ug/l #	1

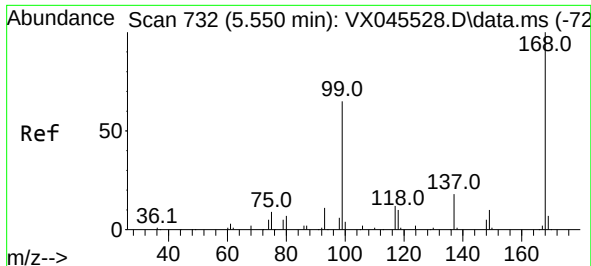
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FB04262025

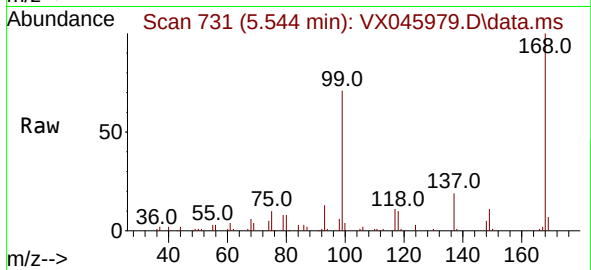
Quant Time: Apr 30 01:38:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



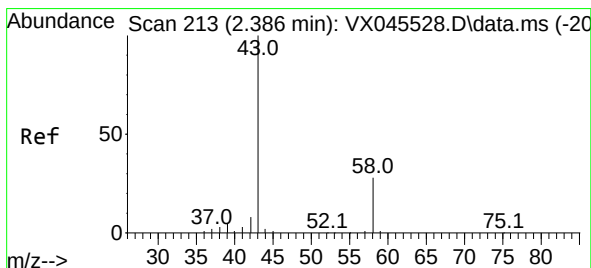
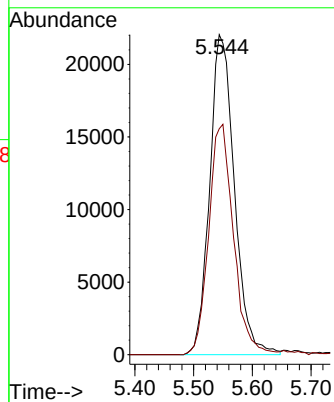
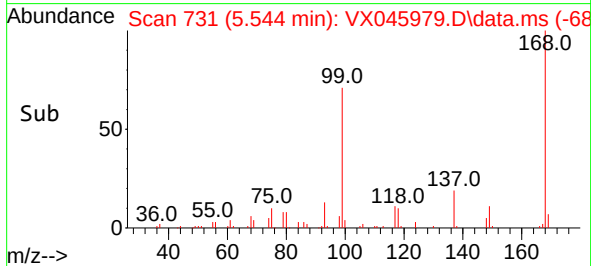


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045979.D
Acq: 29 Apr 2025 13:58

Instrument :
MSVOA_X
ClientSampleId :
FB04262025

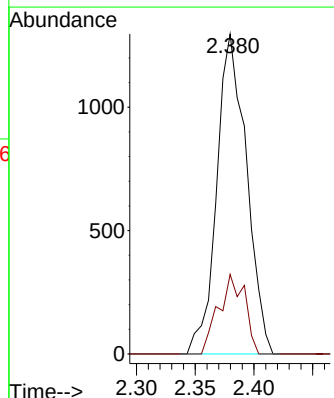
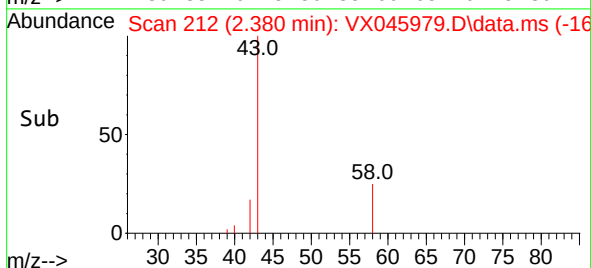
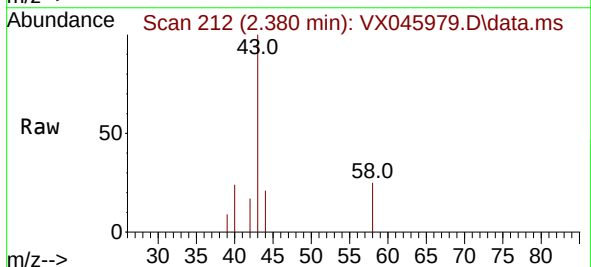


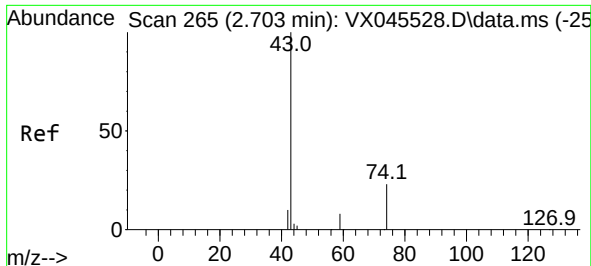
Tgt Ion:168 Resp: 64509
Ion Ratio Lower Upper
168 100
99 70.6 52.3 78.5



#16
Acetone
Concen: 4.717 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045979.D
Acq: 29 Apr 2025 13:58

Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
58 24.8 22.3 33.5





#18

Methyl Acetate

Concen: 0.343 ug/l

RT: 2.697 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX045979.D

Acq: 29 Apr 2025 13:58

Instrument :

MSVOA_X

ClientSampleId :

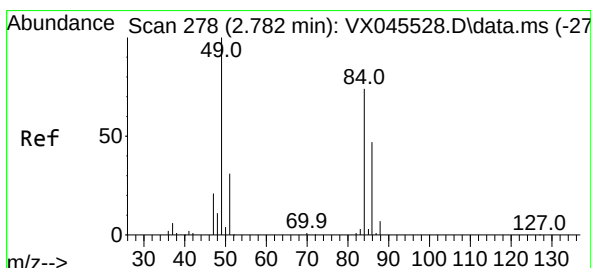
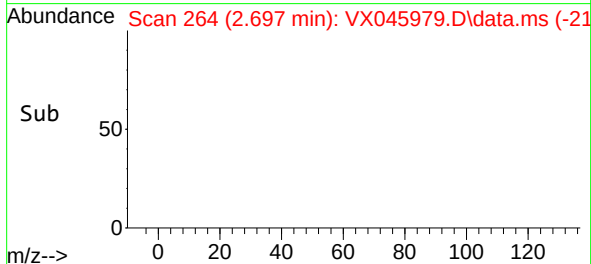
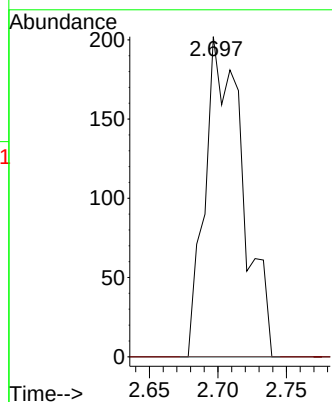
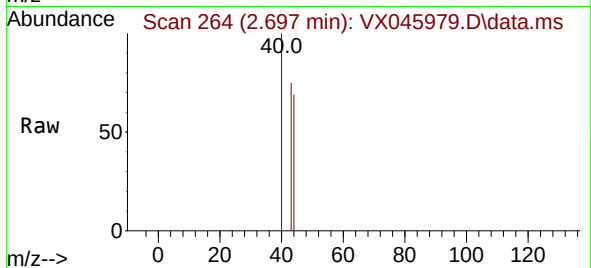
FB04262025

Tgt Ion: 43 Resp: 383

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#



#20

Methylene Chloride

Concen: 0.272 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045979.D

Acq: 29 Apr 2025 13:58

Tgt Ion: 84 Resp: 247

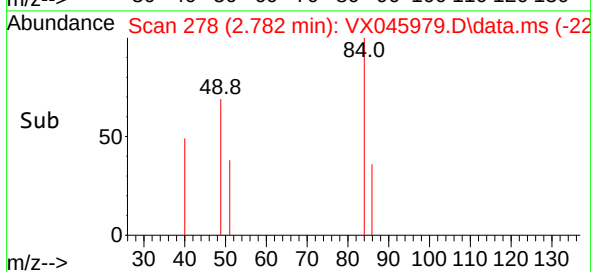
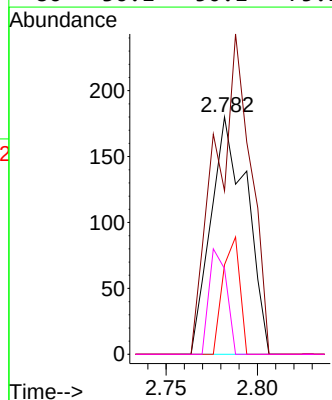
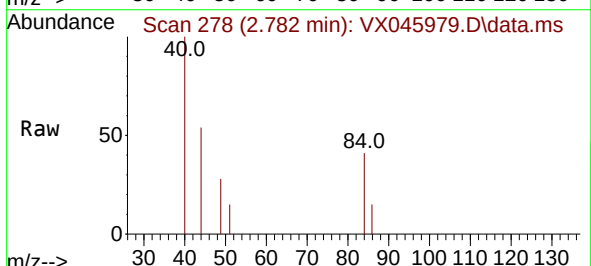
Ion Ratio Lower Upper

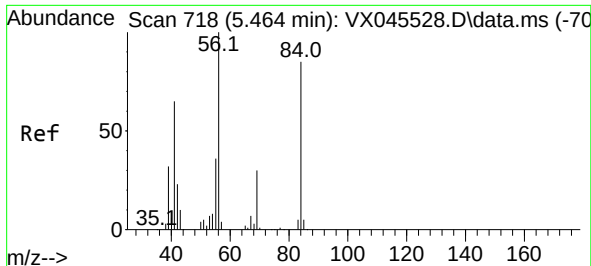
84 100

49 68.9 107.5 161.3#

51 37.8 33.0 49.6

86 36.1 50.1 75.1#

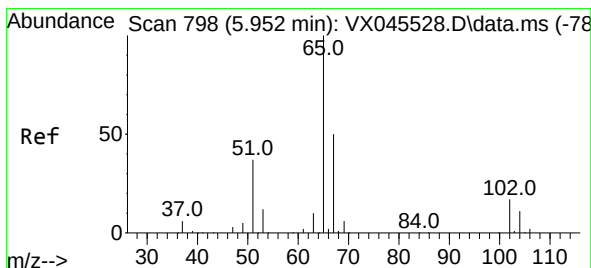
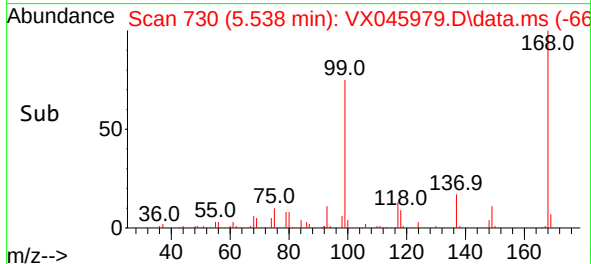
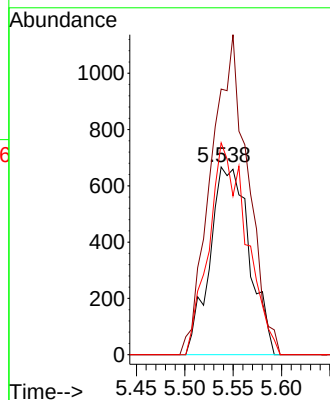
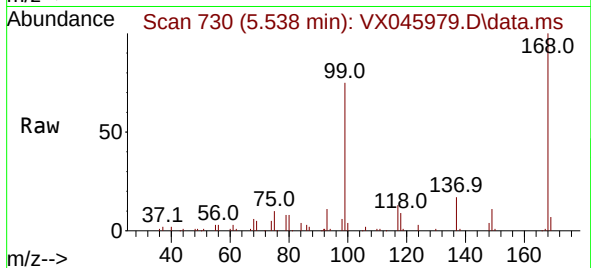




#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045979.D
Acq: 29 Apr 2025 13:58

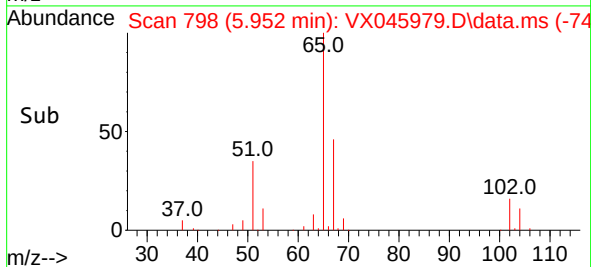
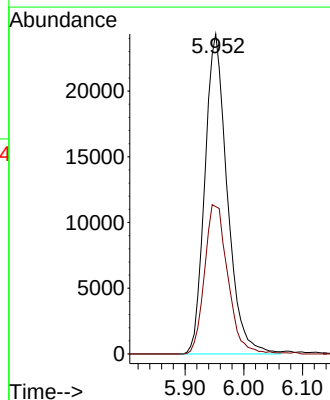
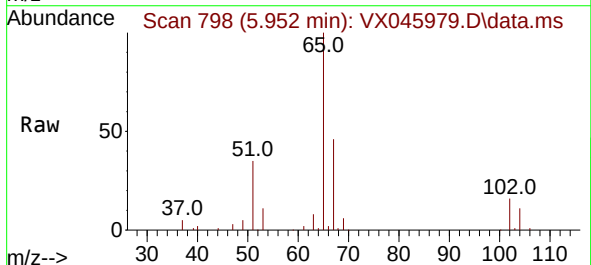
Instrument :
MSVOA_X
ClientSampleId :
FB04262025

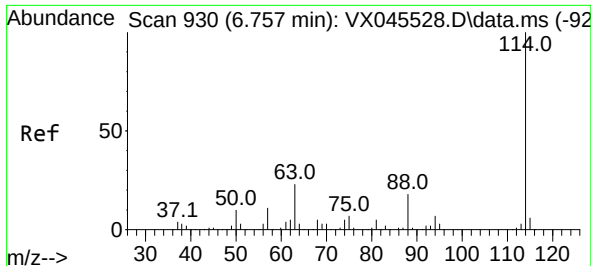
Tgt Ion: 56 Resp: 1893
Ion Ratio Lower Upper
56 100
69 141.5 23.6 35.4#
84 112.9 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 54.626 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045979.D
Acq: 29 Apr 2025 13:58

Tgt Ion: 65 Resp: 64442
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

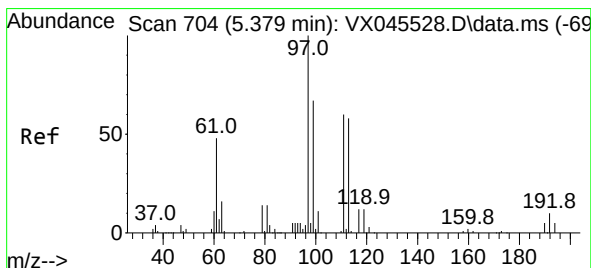
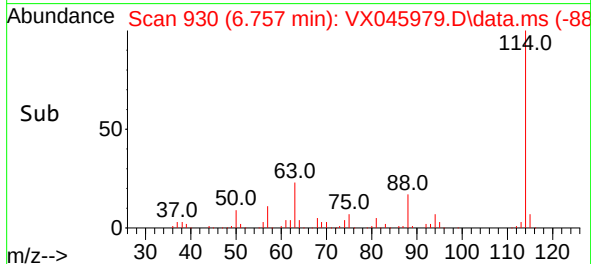
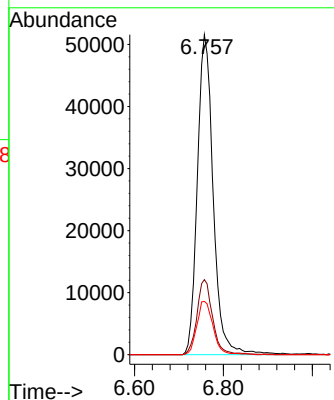
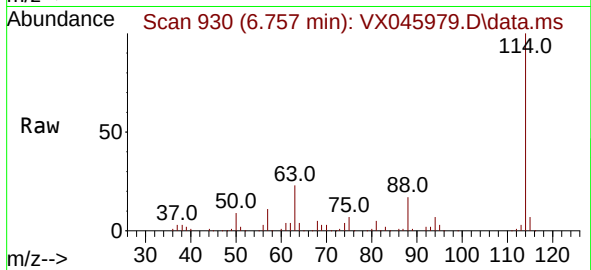




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045979.D
Acq: 29 Apr 2025 13:58

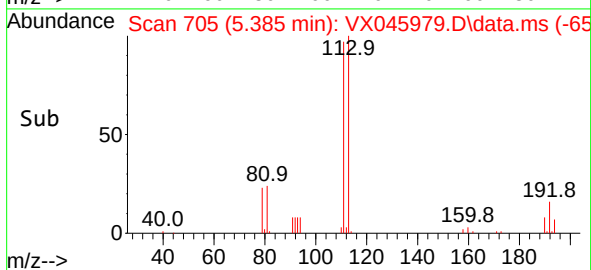
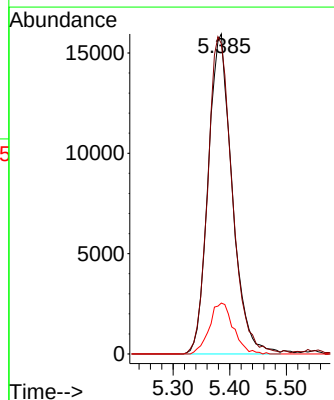
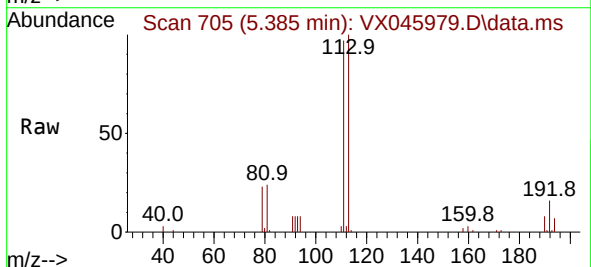
Instrument :
MSVOA_X
ClientSampleId :
FB04262025

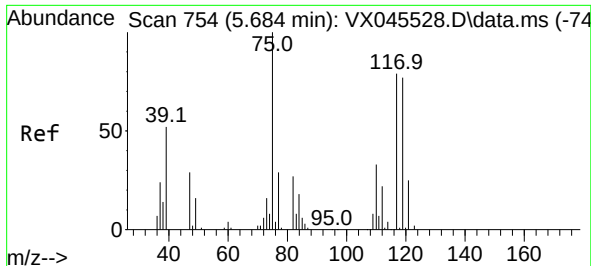
Tgt Ion:114 Resp: 127954
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.8
88 16.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.573 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045979.D
Acq: 29 Apr 2025 13:58

Tgt Ion:113 Resp: 46820
Ion Ratio Lower Upper
113 100
111 100.7 81.8 122.6
192 15.9 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.271 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX045979.D

Acq: 29 Apr 2025 13:58

Instrument :

MSVOA_X

ClientSampleId :

FB04262025

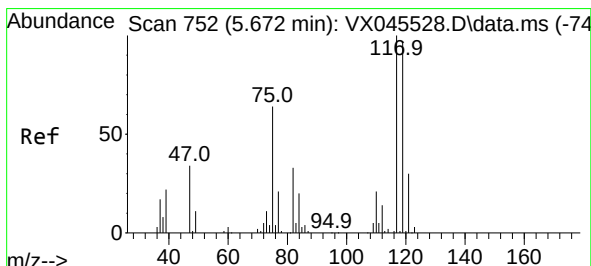
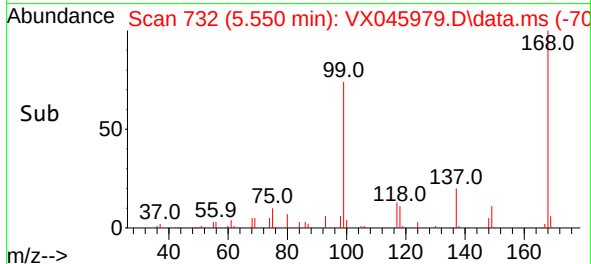
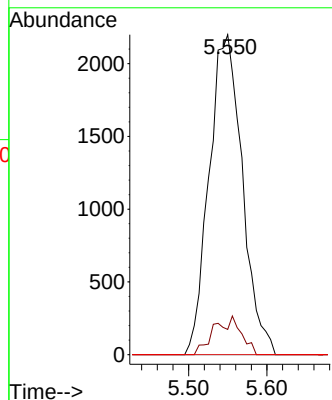
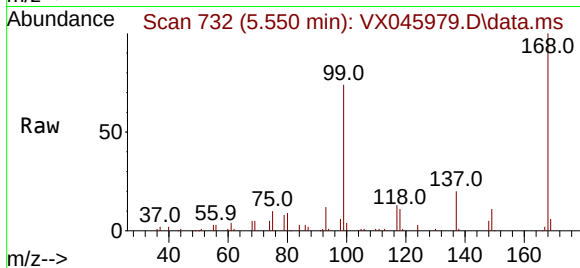
Tgt Ion: 75 Resp: 6461

Ion Ratio Lower Upper

75 100

110 5.6 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.835 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045979.D

Acq: 29 Apr 2025 13:58

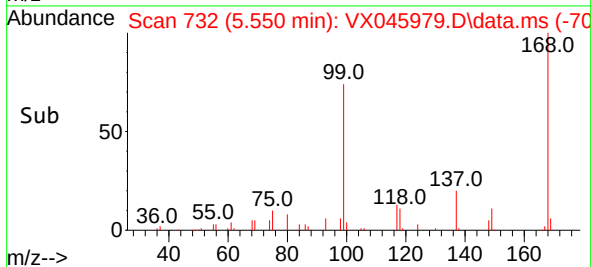
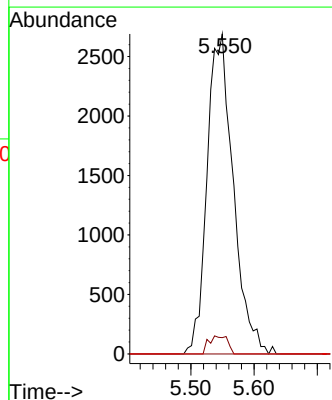
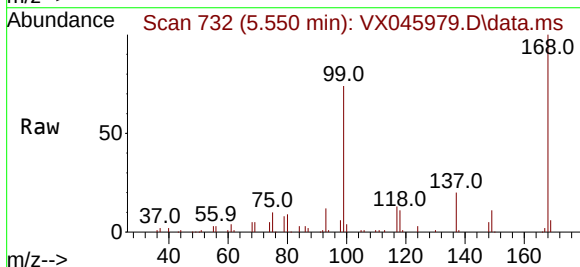
Tgt Ion: 117 Resp: 7730

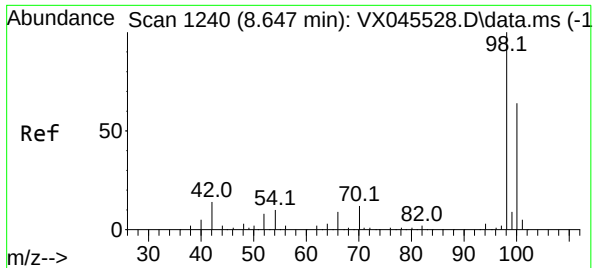
Ion Ratio Lower Upper

117 100

119 5.1 76.9 115.3#

121 0.0 24.2 36.2#

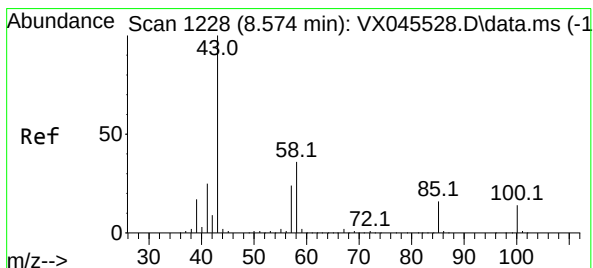
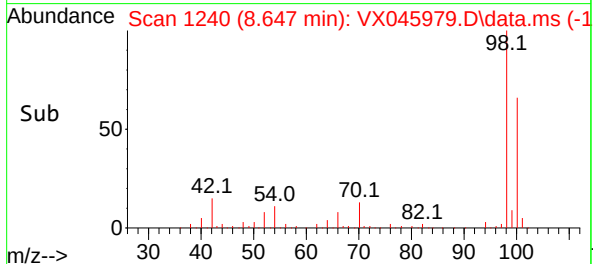
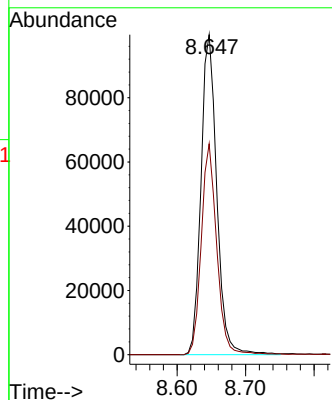
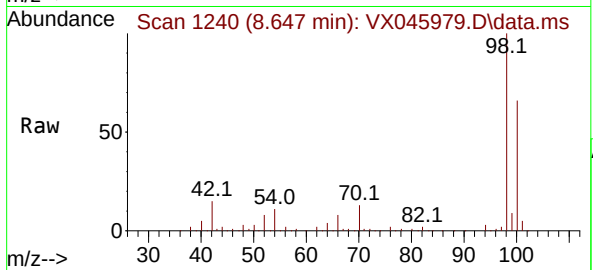




#50
Toluene-d8
Concen: 50.459 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045979.D
Acq: 29 Apr 2025 13:58

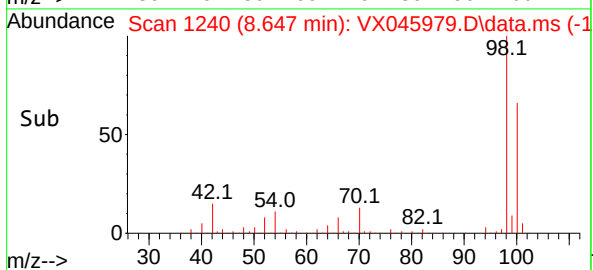
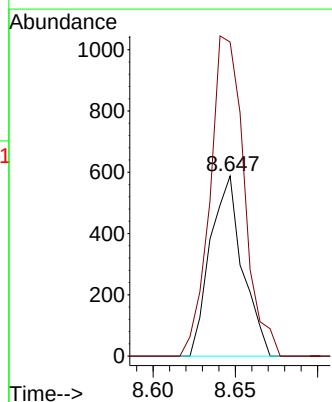
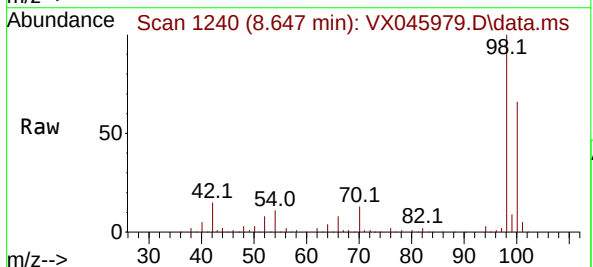
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FB04262025

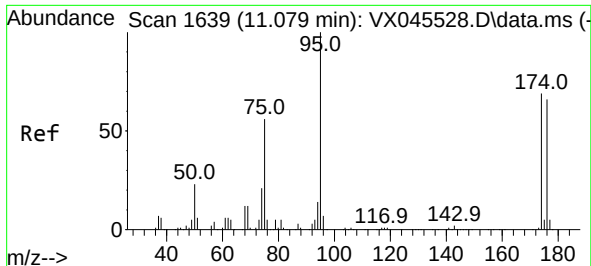
Tgt Ion: 98 Resp: 159888
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045979.D
Acq: 29 Apr 2025 13:58

Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 188.2 28.5 42.7#

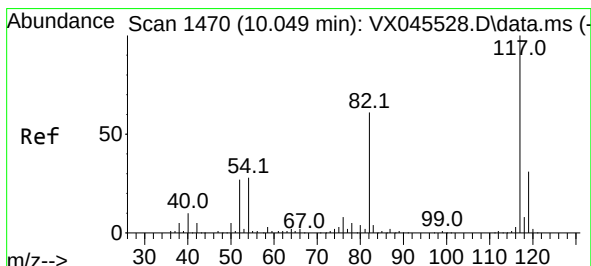
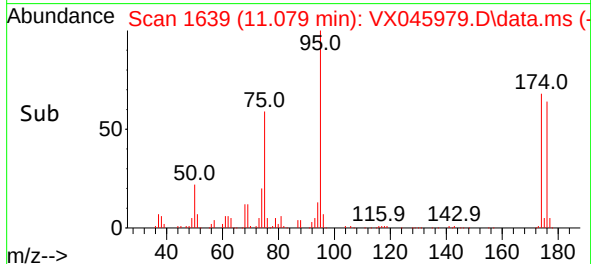
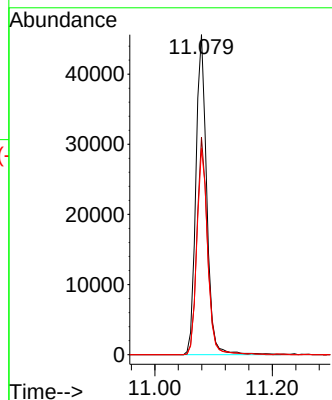
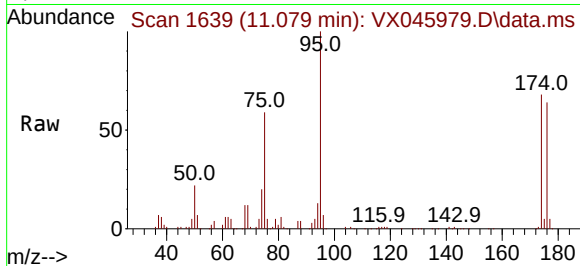




#62
4-Bromofluorobenzene
Concen: 50.394 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045979.D
Acq: 29 Apr 2025 13:58

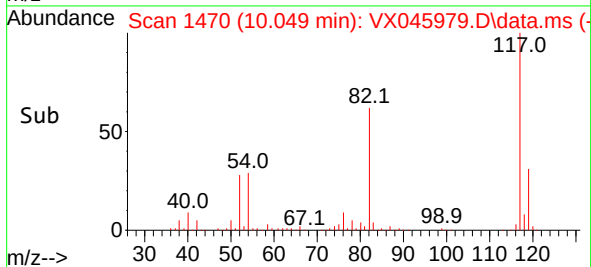
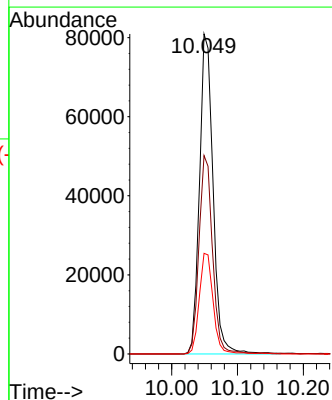
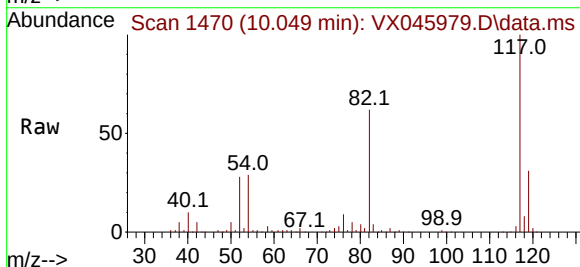
Instrument :
MSVOA_X
ClientSampleId :
FB04262025

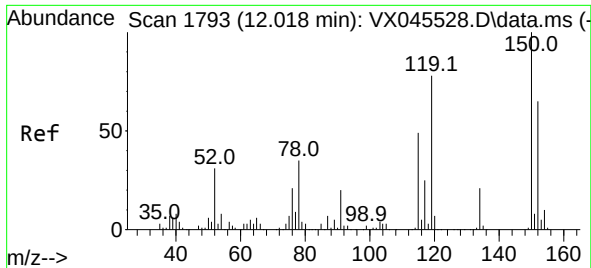
Tgt Ion: 95 Resp: 58165
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 64.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045979.D
Acq: 29 Apr 2025 13:58

Tgt Ion: 117 Resp: 115874
Ion Ratio Lower Upper
117 100
82 62.0 49.2 73.8
119 31.4 25.1 37.7

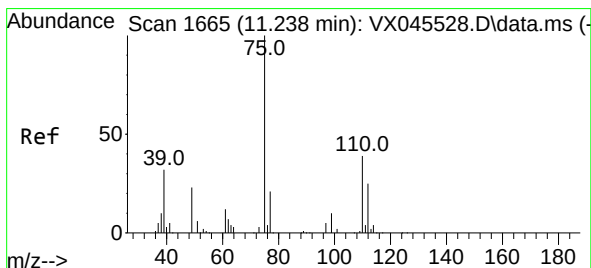
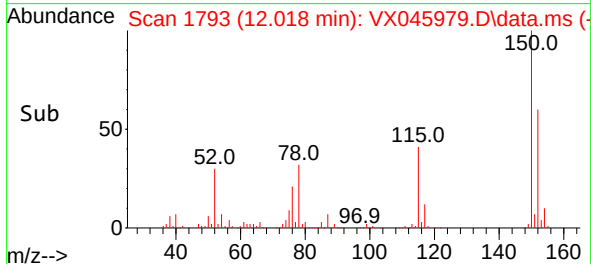
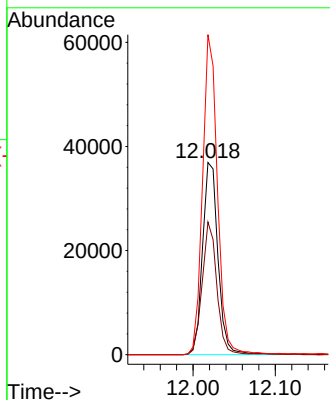
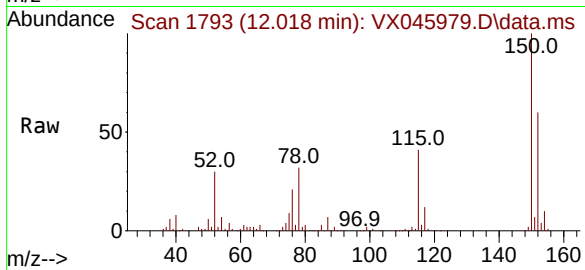




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045979.D
 Acq: 29 Apr 2025 13:58

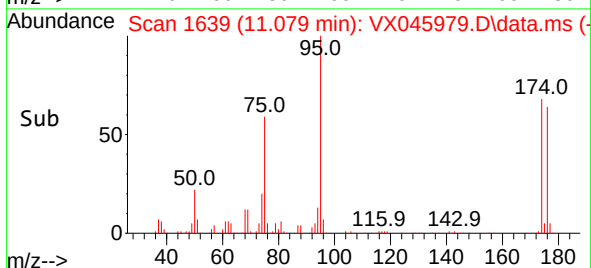
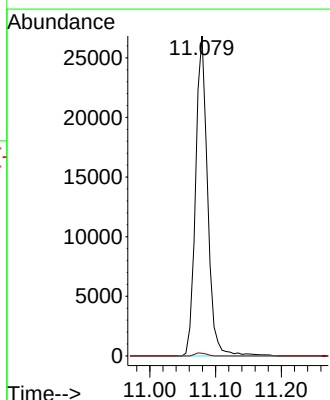
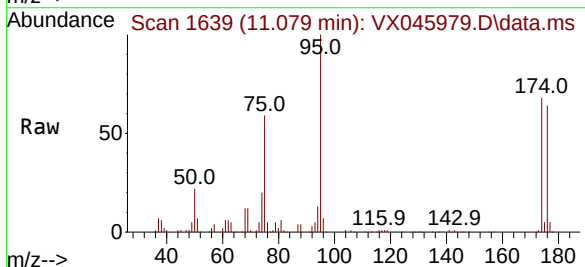
Instrument :
 MSVOA_X
 ClientSampleId :
 FB04262025

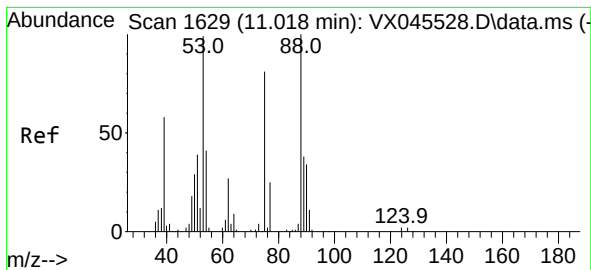
Tgt Ion:152 Resp: 48370
 Ion Ratio Lower Upper
 152 100
 115 65.3 46.9 140.7
 150 159.8 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 28.898 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045979.D
 Acq: 29 Apr 2025 13:58

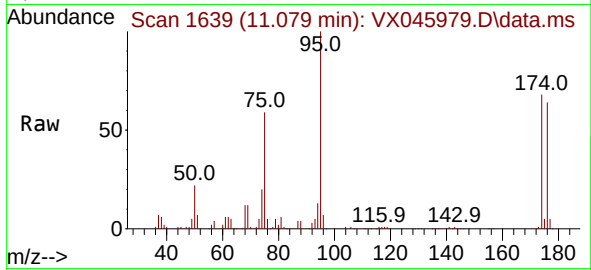
Tgt Ion: 75 Resp: 34095
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.075 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045979.D
Acq: 29 Apr 2025 13:58

Instrument :
MSVOA_X
ClientSampleId :
FB04262025



Tgt Ion: 75 Resp: 34095
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

