

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045672.D
 Acq On : 09 Apr 2025 13:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 10 01:35:06 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)

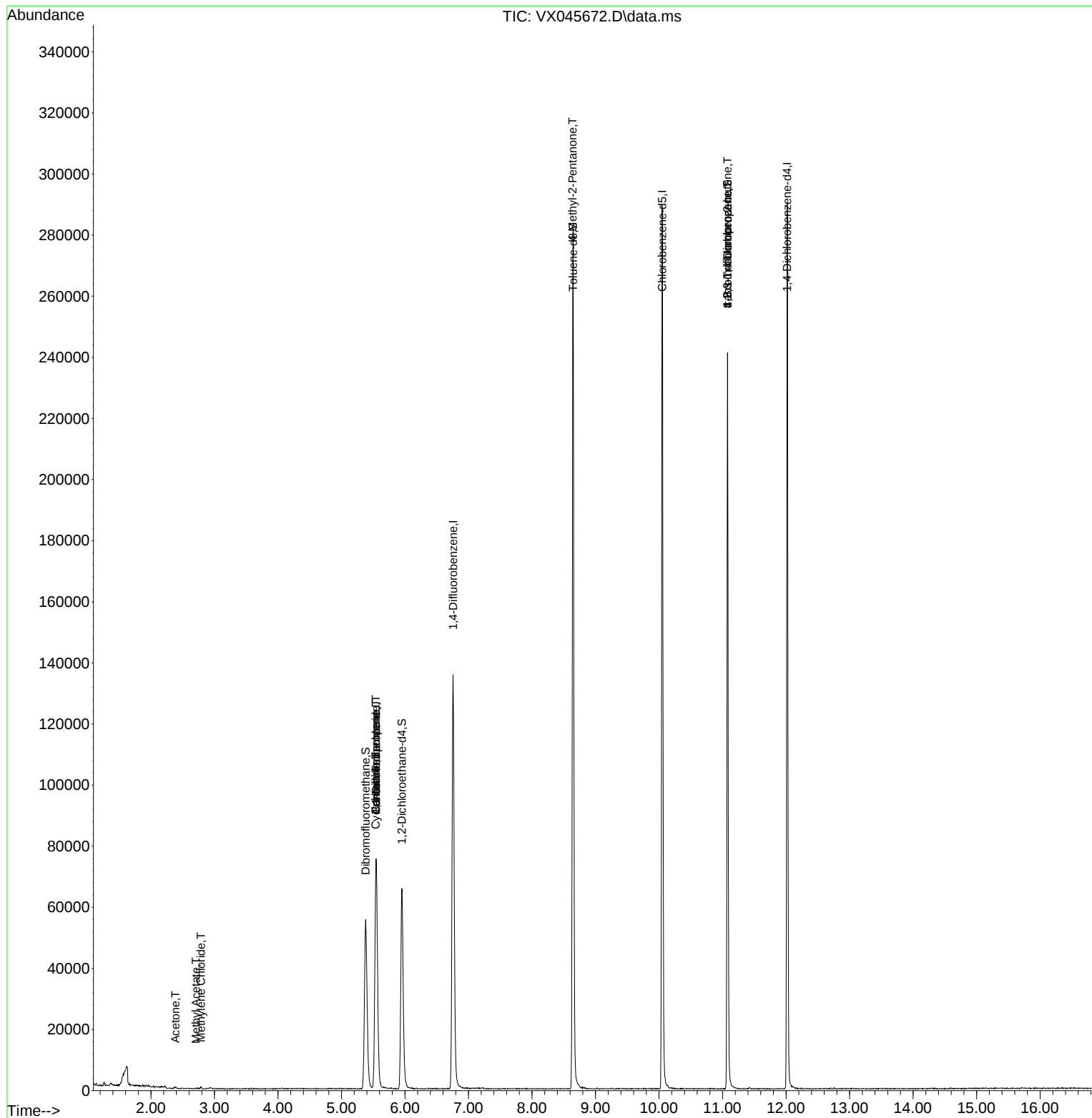
Internal Standards						
1) Pentafluorobenzene	5.544	168	65022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65224	54.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.700%	
35) Dibromofluoromethane	5.379	113	46802	51.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.580%	
50) Toluene-d8	8.647	98	162100	51.396	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	11.079	95	60994	53.092	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.180%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	666	1.364	ug/l #	47
18) Methyl Acetate	2.709	43	364	0.324	ug/l #	54
20) Methylene Chloride	2.788	84	249	0.272	ug/l #	81
31) Cyclohexane	5.538	56	1931	1.324	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	6825	5.594	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7701	5.840	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	1047	0.678	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35306	28.035	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35306	95.147	ug/l #	1

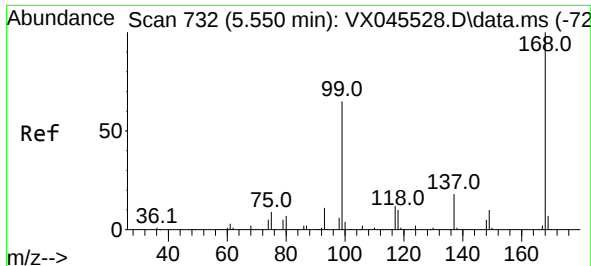
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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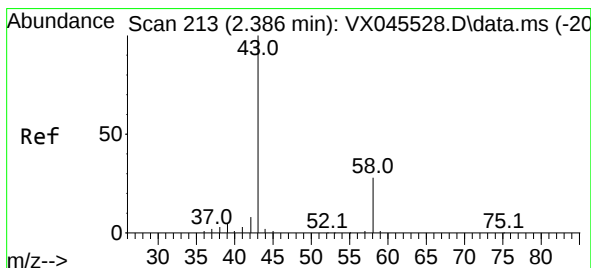
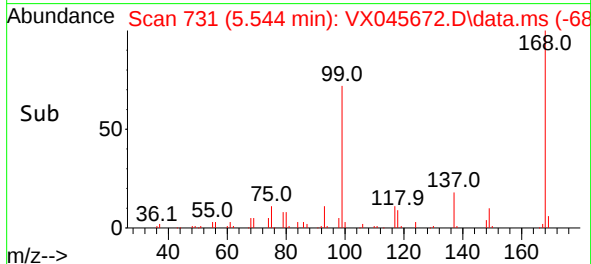
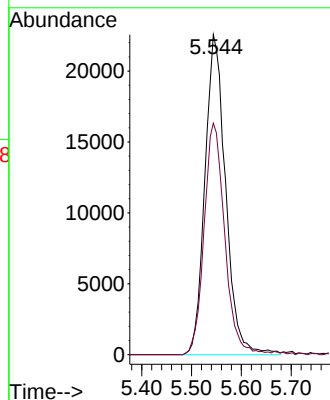
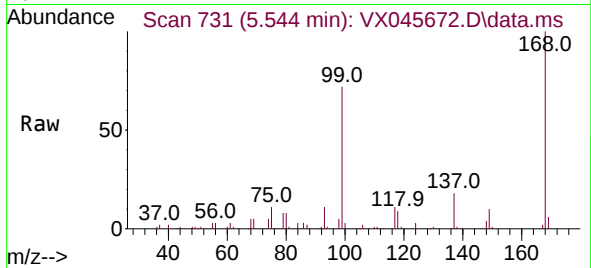




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

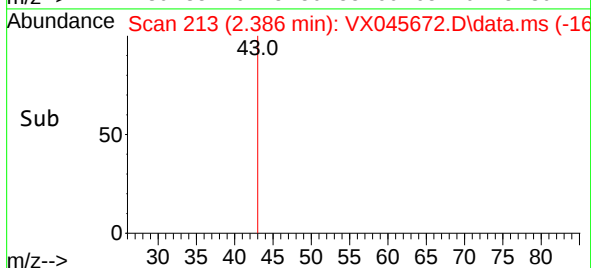
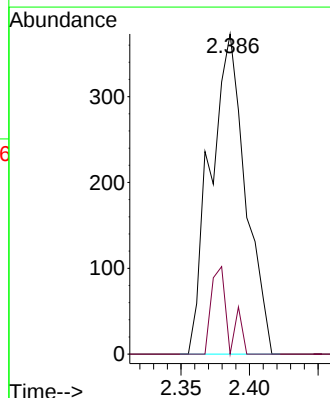
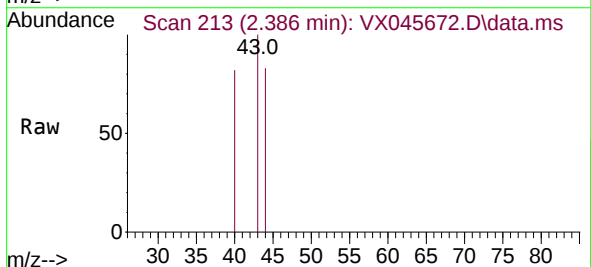
Instrument :
MSVOA_X
ClientSampleId :
IBLK

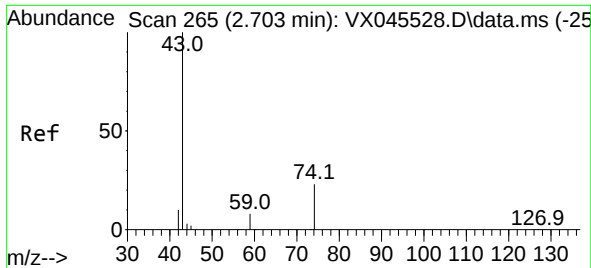
Tgt Ion:168 Resp: 65022
Ion Ratio Lower Upper
168 100
99 72.4 52.3 78.5



#16
Acetone
Concen: 1.364 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#

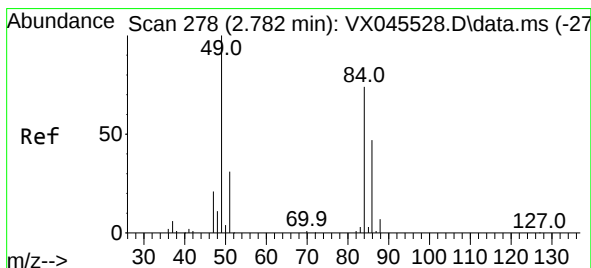
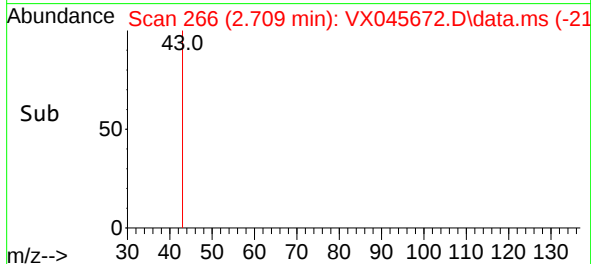
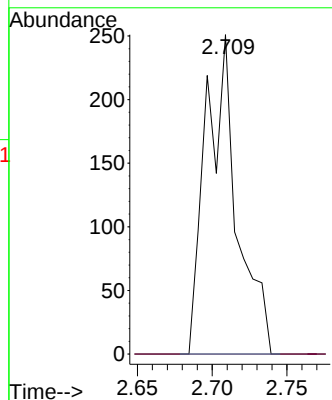
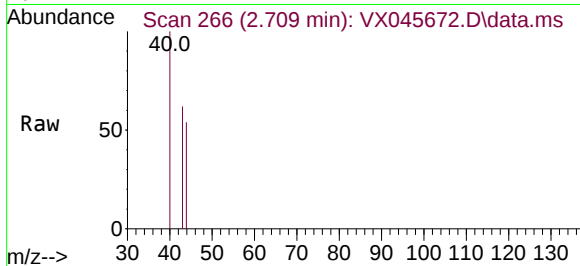




#18
Methyl Acetate
Concen: 0.324 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

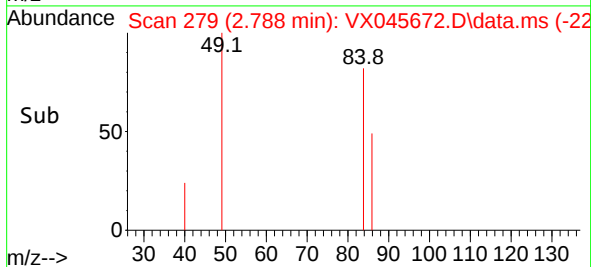
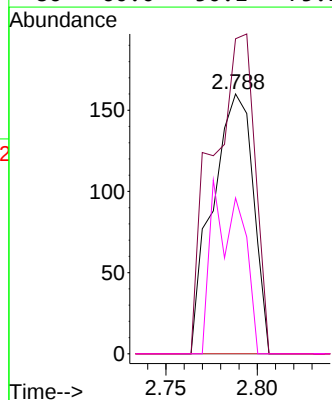
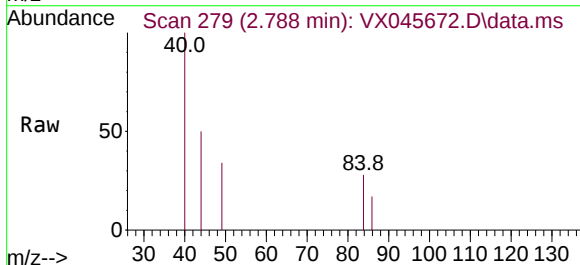
Instrument :
MSVOA_X
ClientSampleId :
IBLK

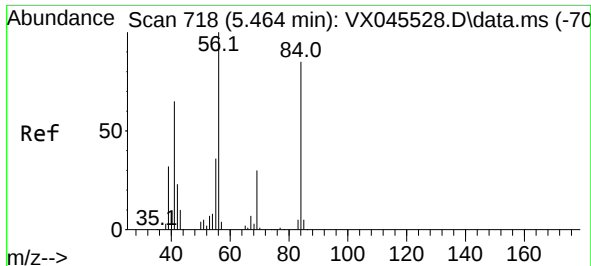
Tgt Ion: 43 Resp: 364
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 84 Resp: 249
Ion Ratio Lower Upper
84 100
49 121.2 107.5 161.3
51 0.0 33.0 49.6#
86 60.0 50.1 75.1

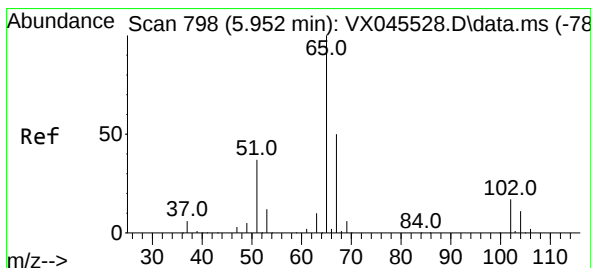
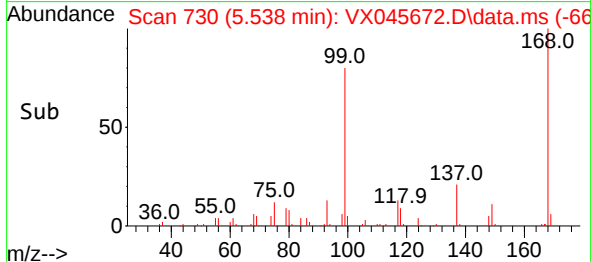
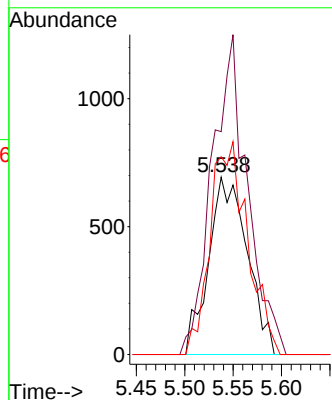
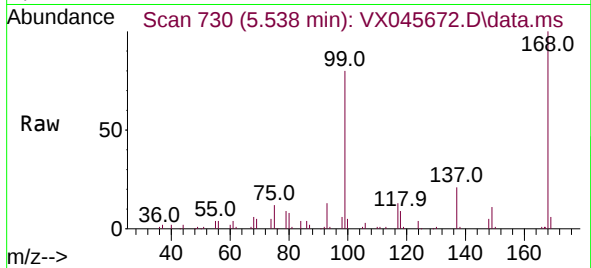




#31
Cyclohexane
Concen: 1.324 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

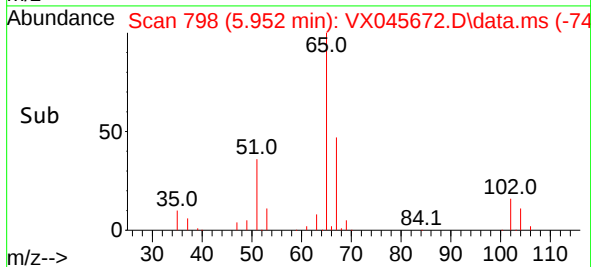
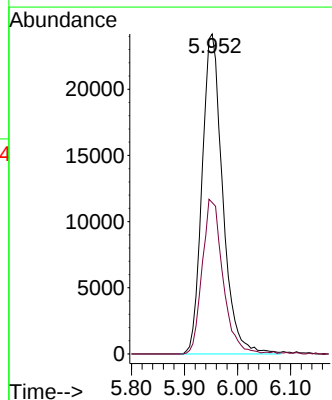
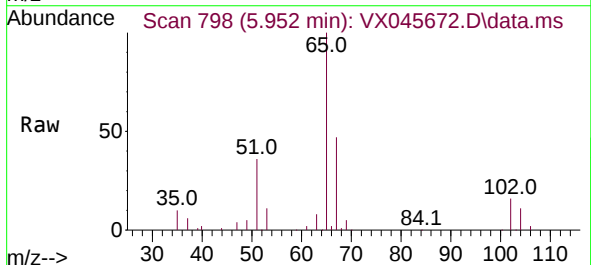
Instrument :
MSVOA_X
ClientSampleId :
IBLK

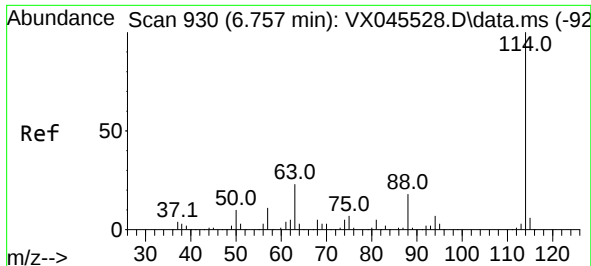
Tgt Ion: 56 Resp: 1931
Ion Ratio Lower Upper
56 100
69 125.7 23.6 35.4#
84 111.5 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 54.852 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 65 Resp: 65224
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0

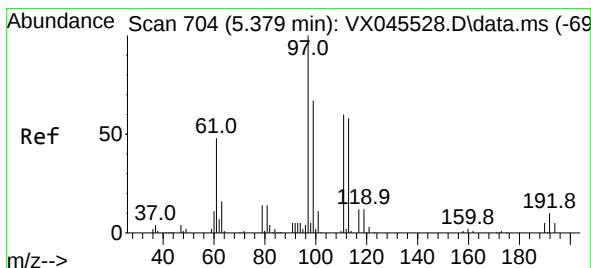
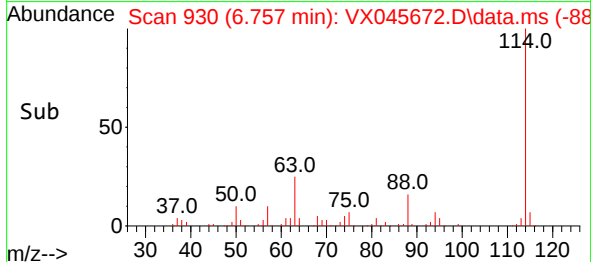
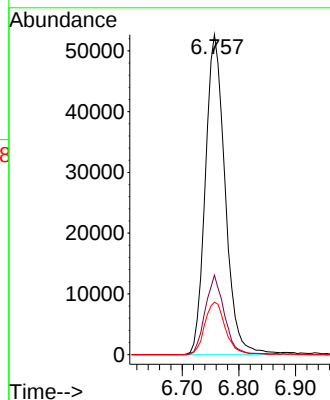
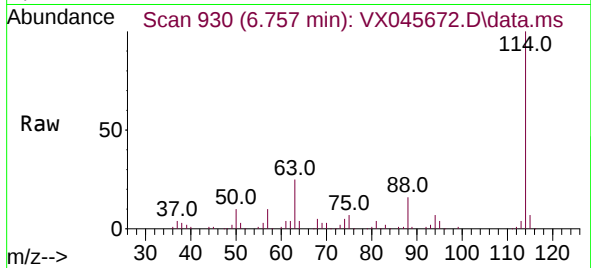




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

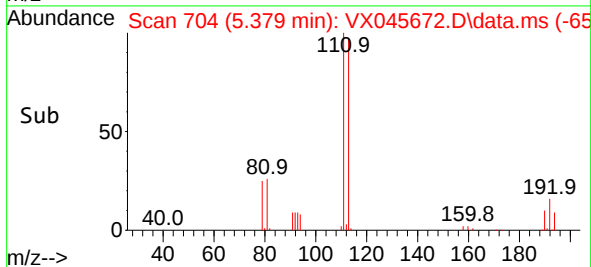
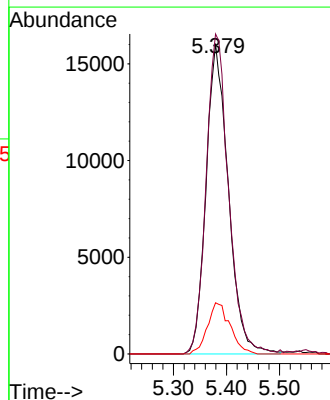
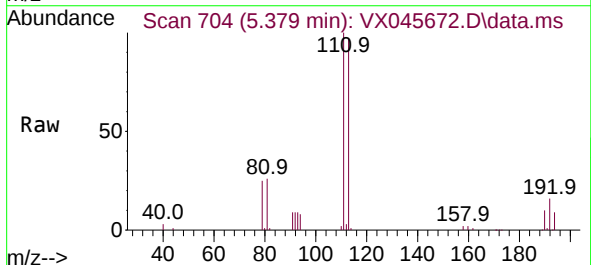
Instrument :
MSVOA_X
ClientSampleId :
IBLK

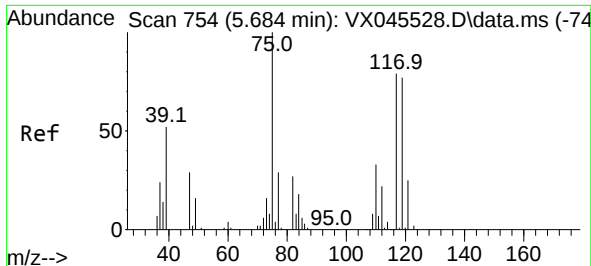
Tgt Ion:114 Resp: 127359
Ion Ratio Lower Upper
114 100
63 24.8 0.0 46.8
88 16.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.794 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

Tgt Ion:113 Resp: 46802
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 16.7 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.594 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045672.D

Acq: 09 Apr 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

IBLK

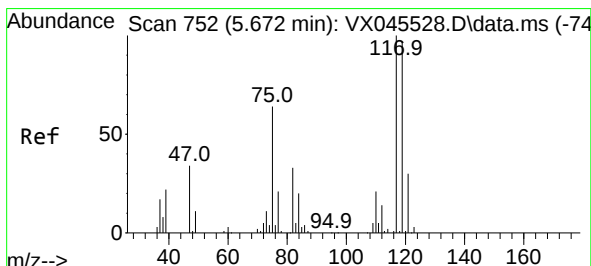
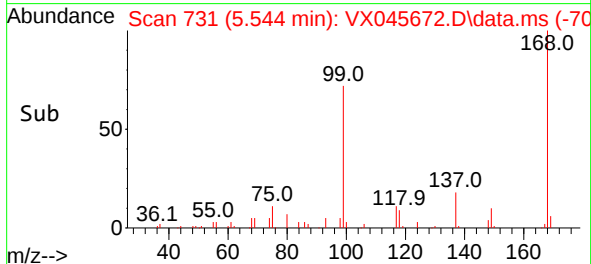
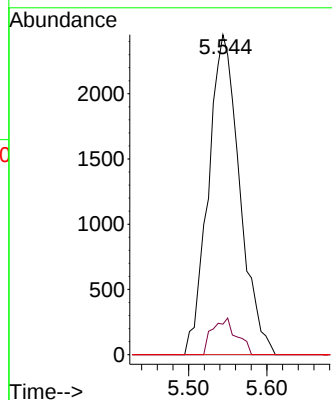
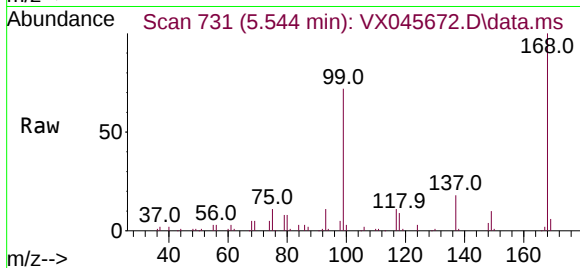
Tgt Ion: 75 Resp: 6825

Ion Ratio Lower Upper

75 100

110 8.8 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.840 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045672.D

Acq: 09 Apr 2025 13:47

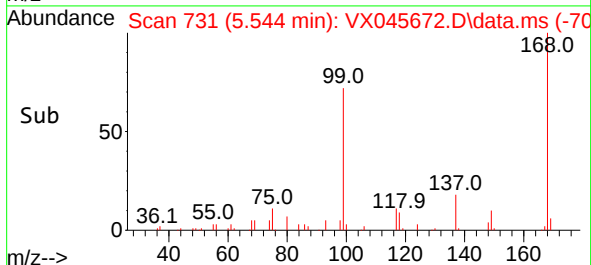
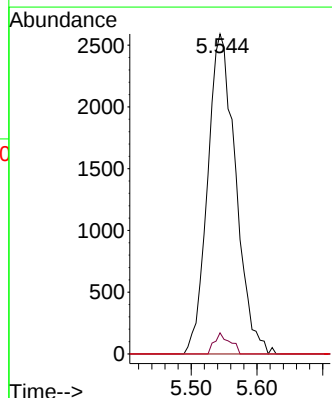
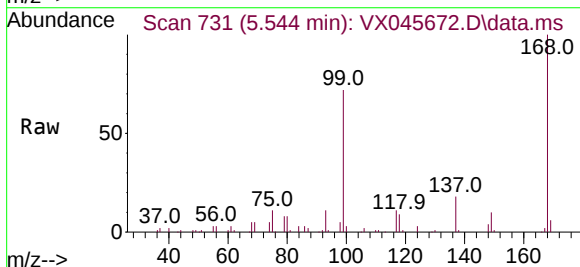
Tgt Ion: 117 Resp: 7701

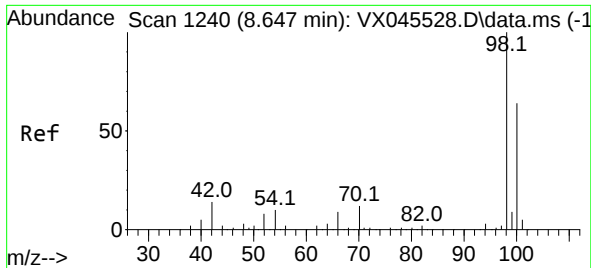
Ion Ratio Lower Upper

117 100

119 6.6 76.9 115.3#

121 0.0 24.2 36.2#

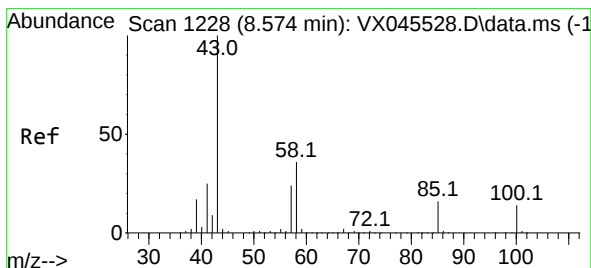
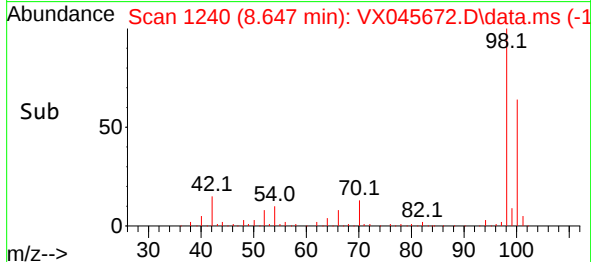
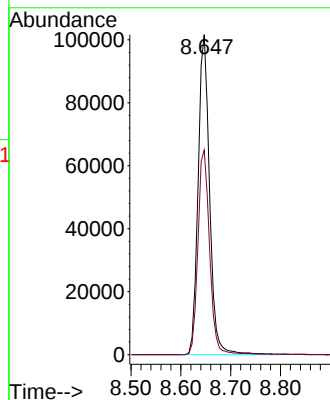
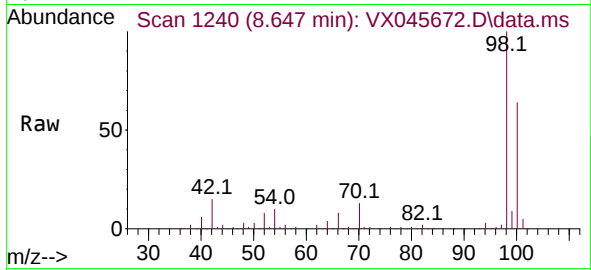




#50
Toluene-d8
Concen: 51.396 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

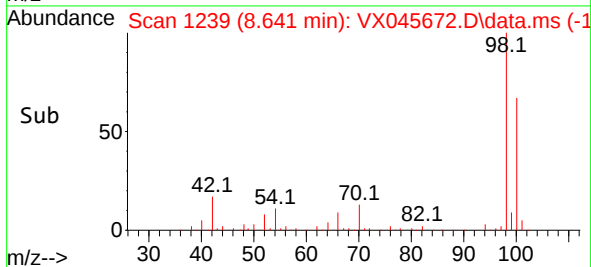
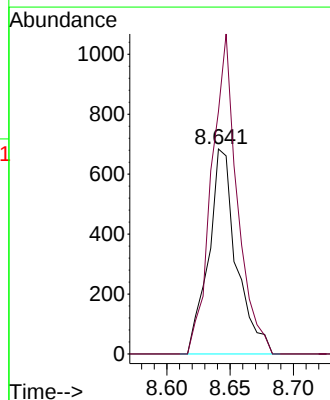
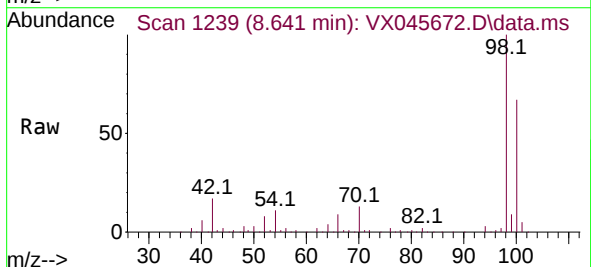
Instrument :
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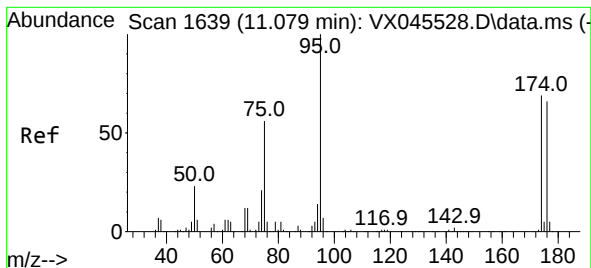
Tgt Ion: 98 Resp: 162100
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.678 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 144.2 28.5 42.7#

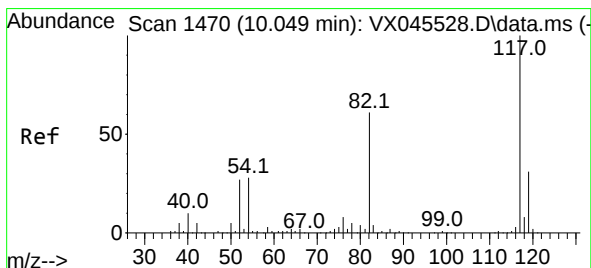
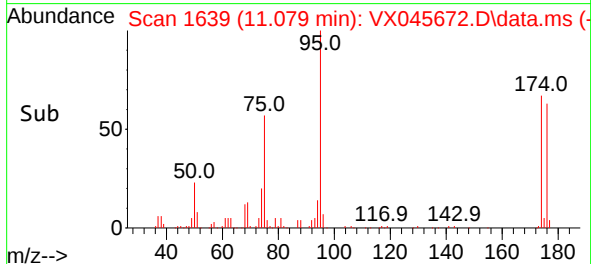
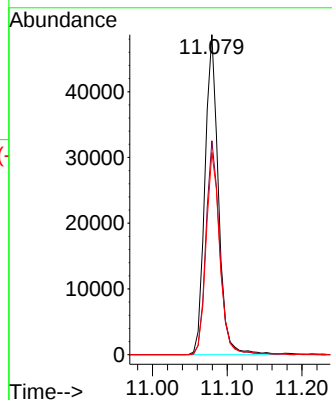
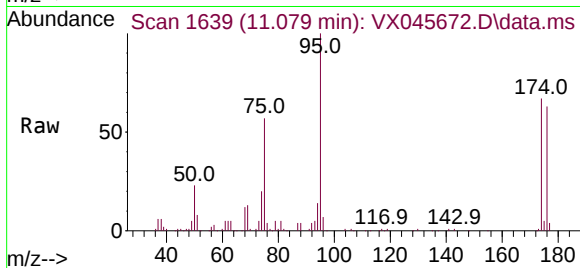




#62
4-Bromofluorobenzene
Concen: 53.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

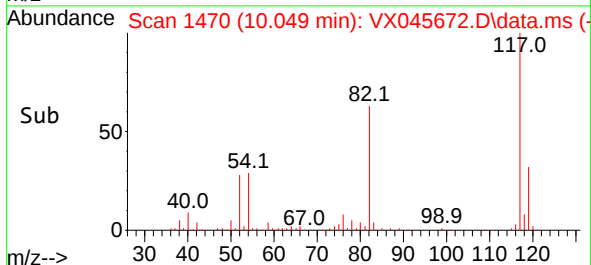
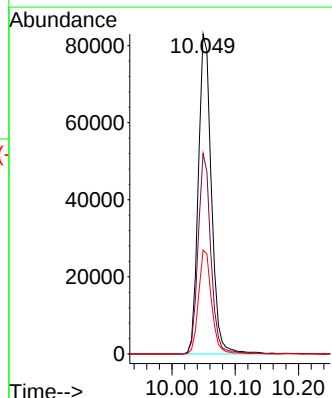
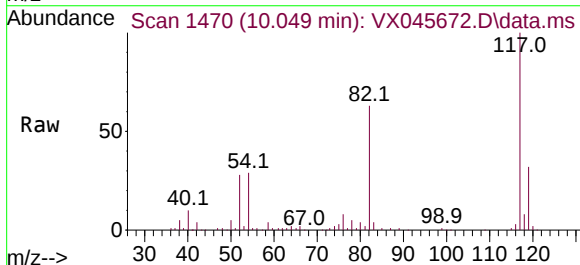
Instrument :
MSVOA_X
ClientSampleId :
IBLK

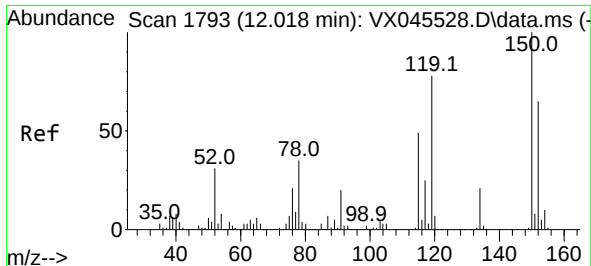
Tgt Ion: 95 Resp: 60994
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 65.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045672.D
Acq: 09 Apr 2025 13:47

Tgt Ion: 117 Resp: 119660
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 32.5 25.1 37.7

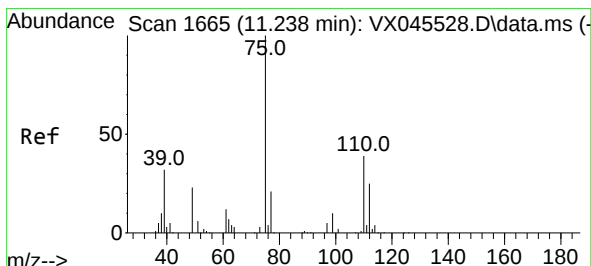
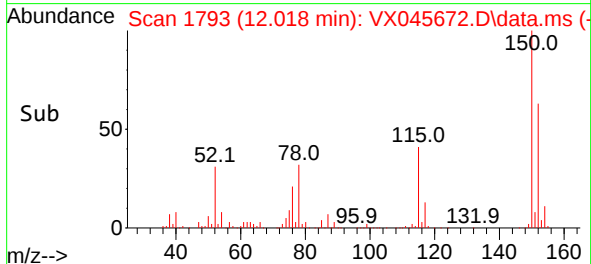
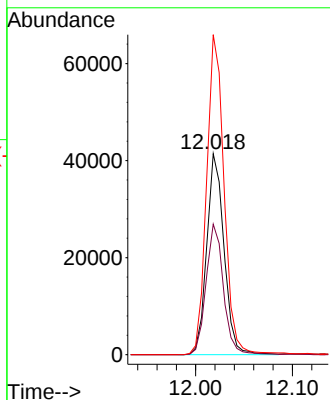
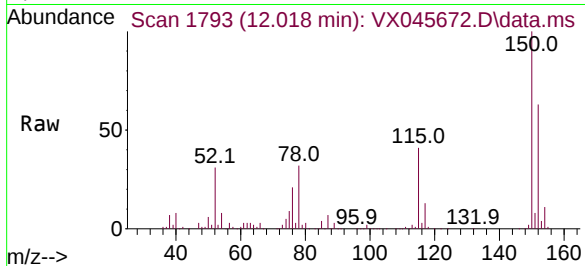




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045672.D
 Acq: 09 Apr 2025 13:47

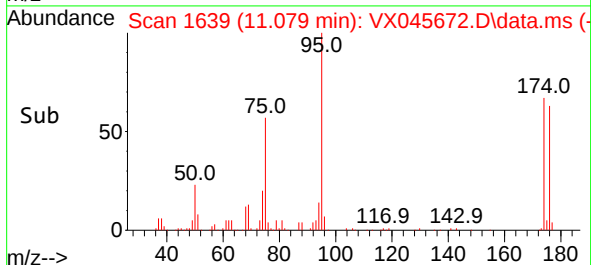
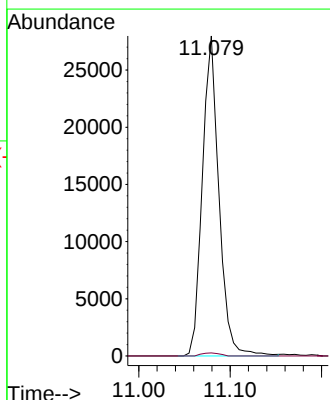
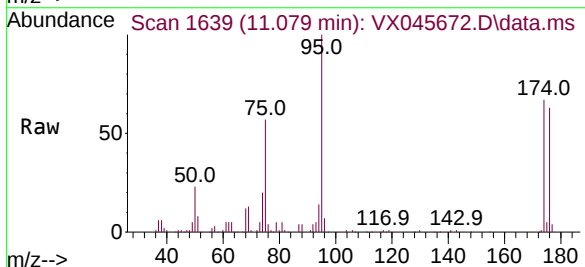
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

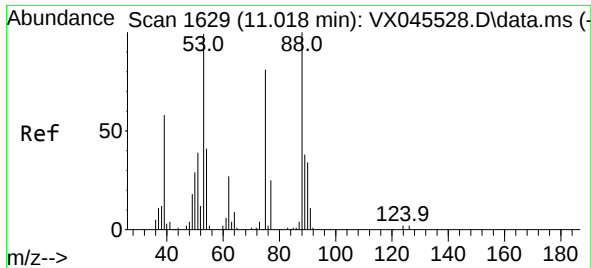
Tgt Ion:152 Resp: 51629
 Ion Ratio Lower Upper
 152 100
 115 65.3 46.9 140.7
 150 161.9 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 28.035 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045672.D
 Acq: 09 Apr 2025 13:47

Tgt Ion: 75 Resp: 35306
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.147 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045672.D
 Acq: 09 Apr 2025 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 35306
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

