

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045579.D
 Acq On : 03 Apr 2025 18:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 04 01:28:31 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	65824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51051	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64666	53.720	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.440%
35) Dibromofluoromethane	5.385	113	46635	50.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.420%
50) Toluene-d8	8.647	98	159697	49.750	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.500%
62) 4-Bromofluorobenzene	11.079	95	59987	51.304	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.600%

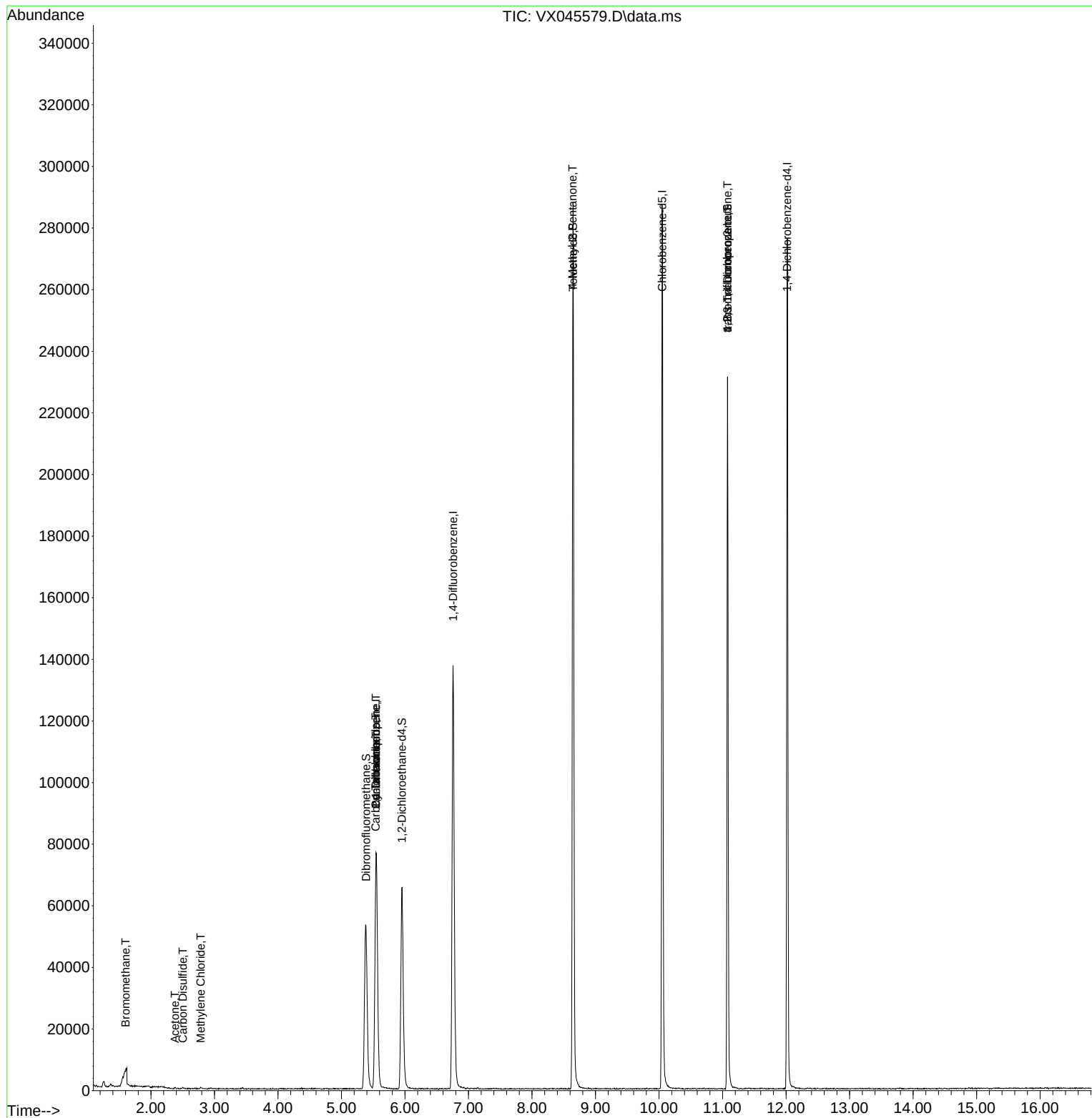
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	139	0.317	ug/l #	3
16) Acetone	2.380	43	187	0.378	ug/l #	47
17) Carbon Disulfide	2.502	76	408	0.209	ug/l #	76
20) Methylene Chloride	2.782	84	198	0.214	ug/l #	54
31) Cyclohexane	5.544	56	2022	1.369	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	6640	5.347	ug/l #	50
38) Carbon Tetrachloride	5.538	117	7887	5.877	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	974	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35014	28.118	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35014	95.429	ug/l #	1

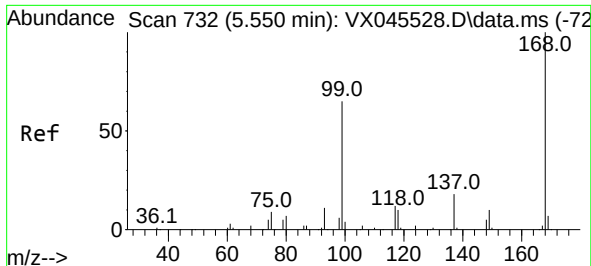
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
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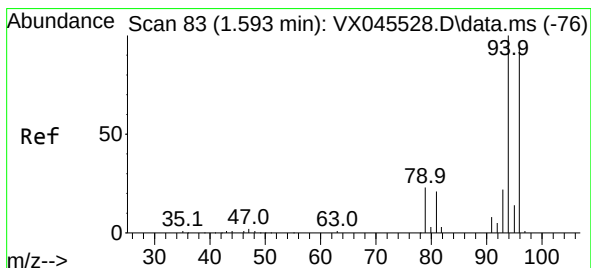
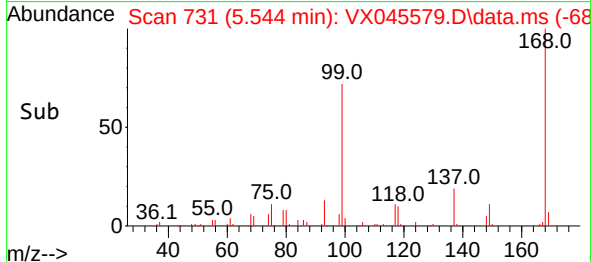
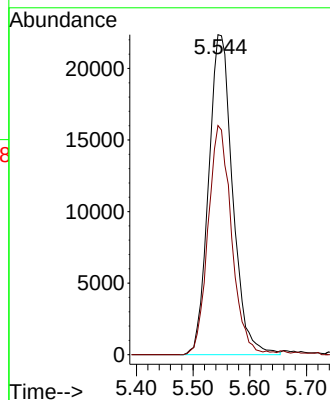
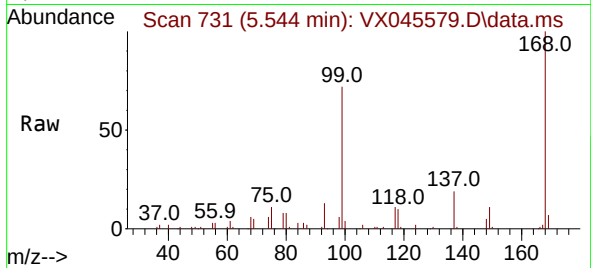




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

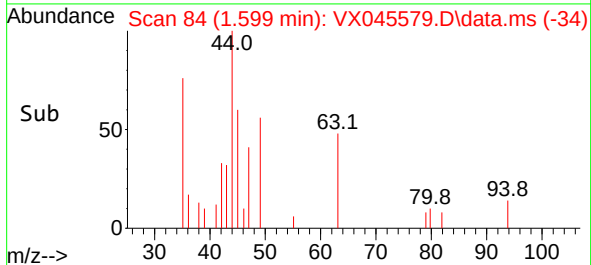
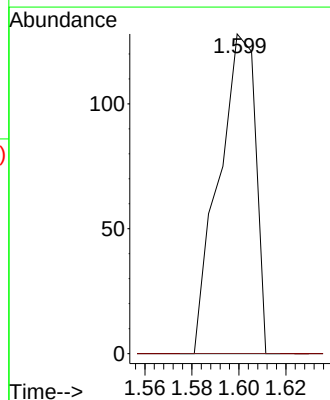
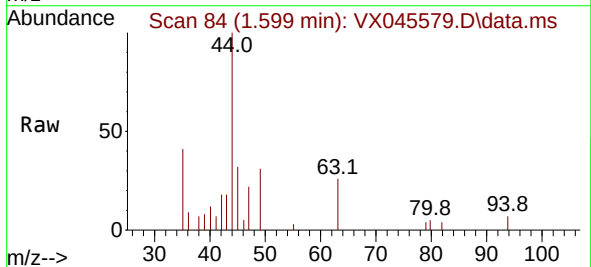
Instrument :
MSVOA_X
ClientSampleId :
IBLK

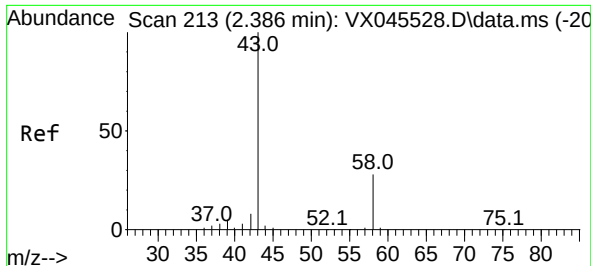
Tgt Ion:168 Resp: 65824
Ion Ratio Lower Upper
168 100
99 71.6 52.3 78.5



#5
Bromomethane
Concen: 0.317 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

Tgt Ion: 94 Resp: 139
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#





#16

Acetone

Concen: 0.378 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045579.D

Acq: 03 Apr 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

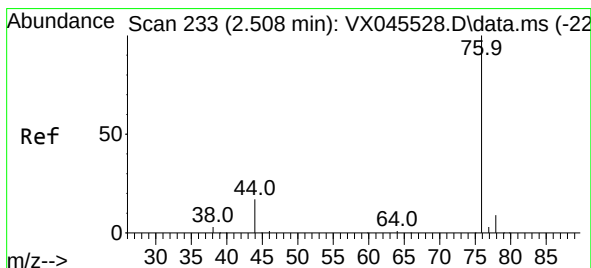
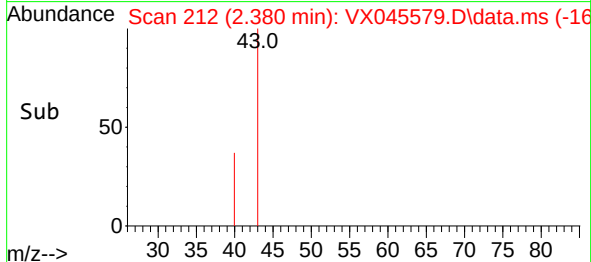
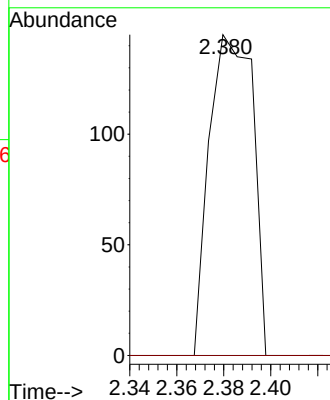
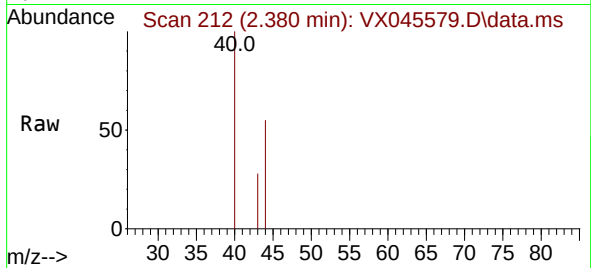
IBLK

Tgt Ion: 43 Resp: 187

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



#17

Carbon Disulfide

Concen: 0.209 ug/l

RT: 2.502 min Scan# 232

Delta R.T. -0.006 min

Lab File: VX045579.D

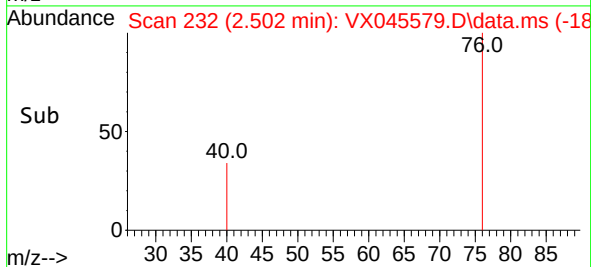
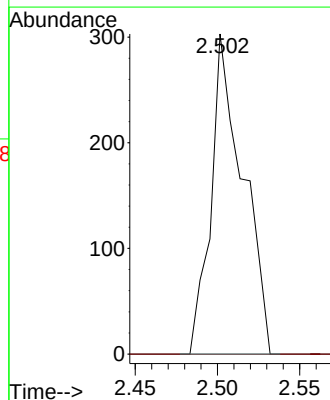
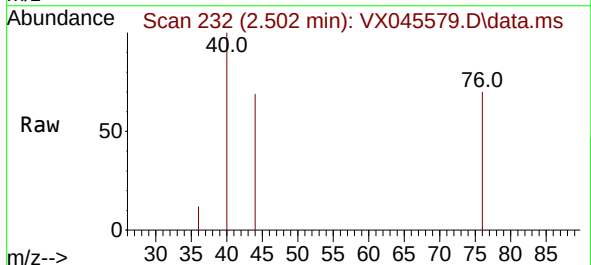
Acq: 03 Apr 2025 18:19

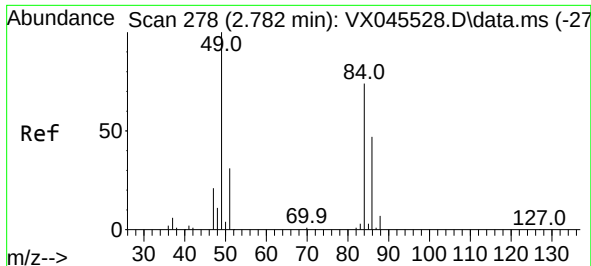
Tgt Ion: 76 Resp: 408

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: 0.214 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045579.D

Acq: 03 Apr 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 198

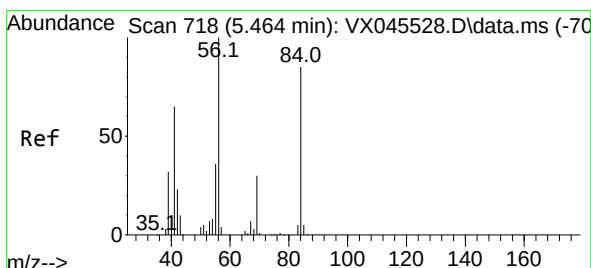
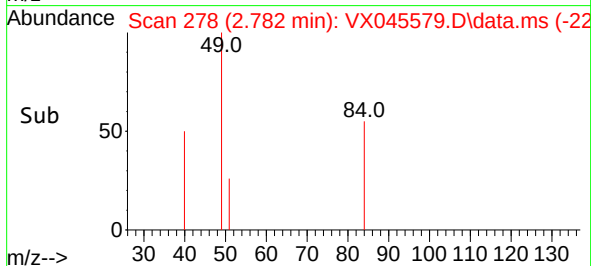
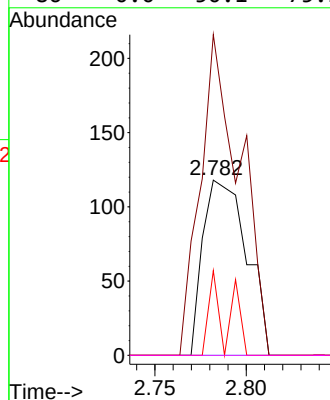
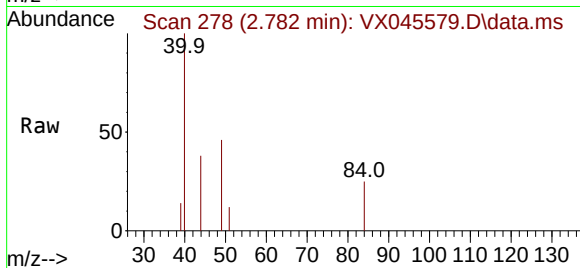
Ion Ratio Lower Upper

84 100

49 183.1 107.5 161.3#

51 48.3 33.0 49.6

86 0.0 50.1 75.1#



#31

Cyclohexane

Concen: 1.369 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045579.D

Acq: 03 Apr 2025 18:19

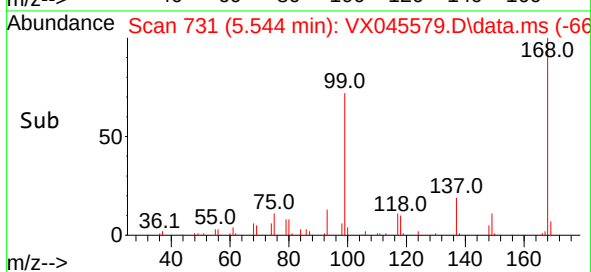
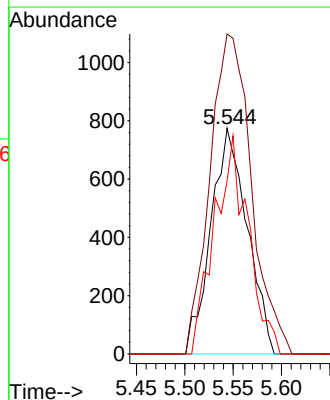
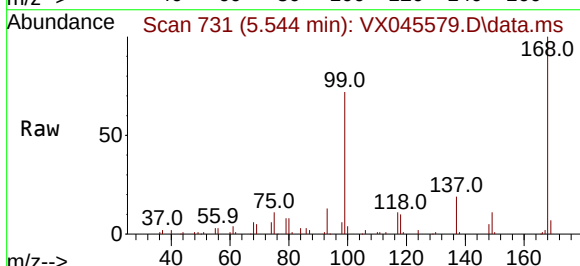
Tgt Ion: 56 Resp: 2022

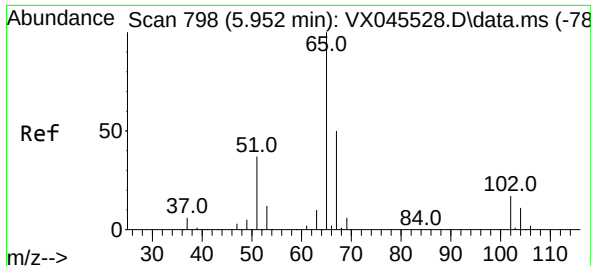
Ion Ratio Lower Upper

56 100

69 141.9 23.6 35.4#

84 76.6 67.7 101.5

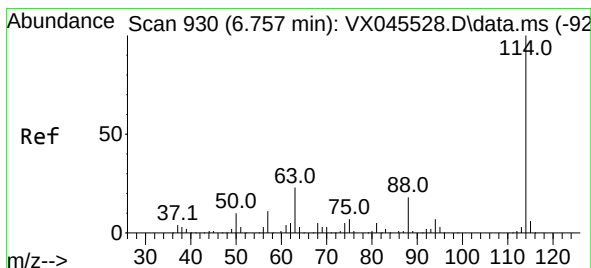
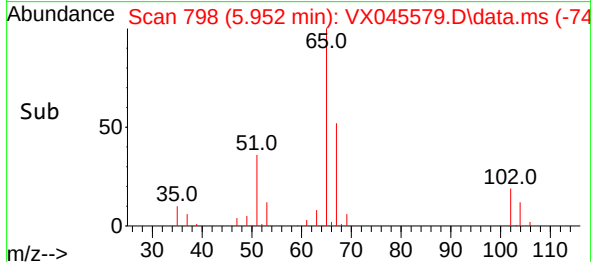
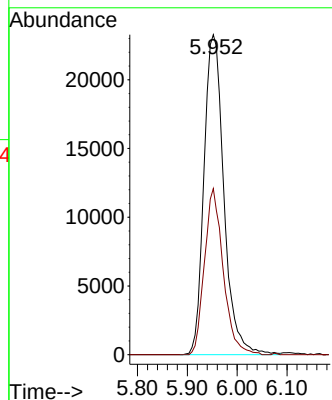
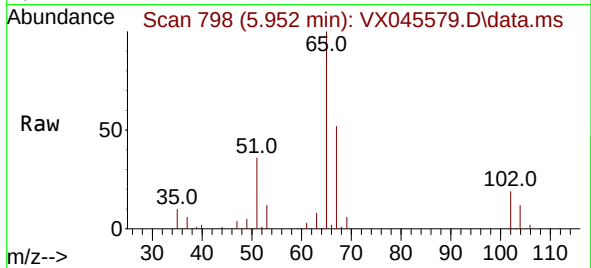




#33
 1,2-Dichloroethane-d4
 Concen: 53.720 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045579.D
 Acq: 03 Apr 2025 18:19

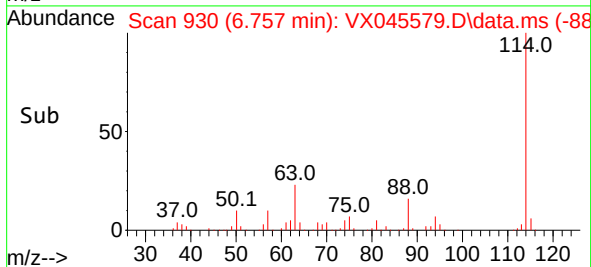
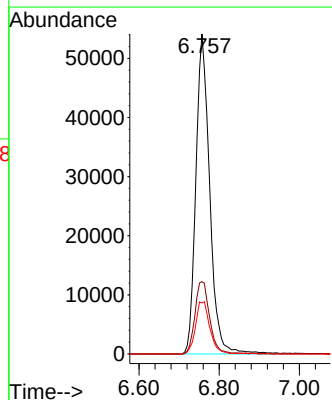
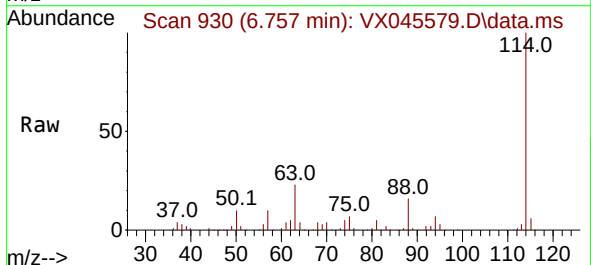
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

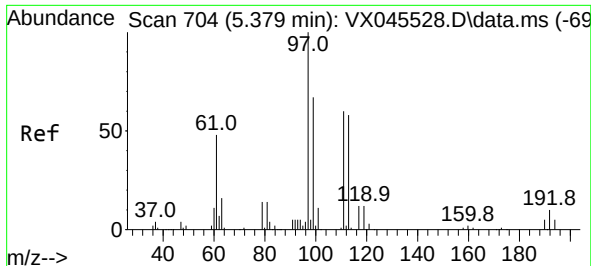
Tgt Ion: 65 Resp: 64666
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045579.D
 Acq: 03 Apr 2025 18:19

Tgt Ion: 114 Resp: 129622
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.8
 88 15.9 0.0 35.4

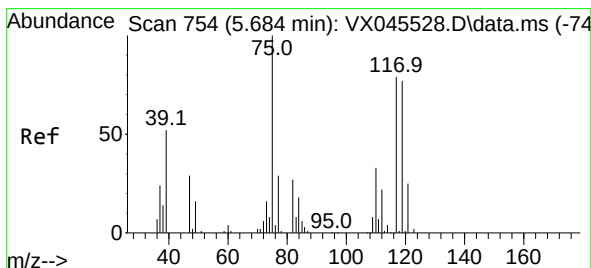
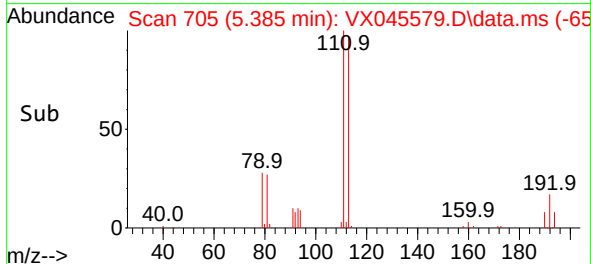
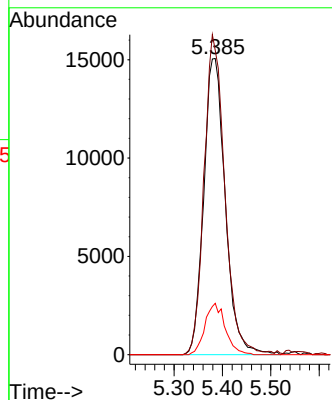
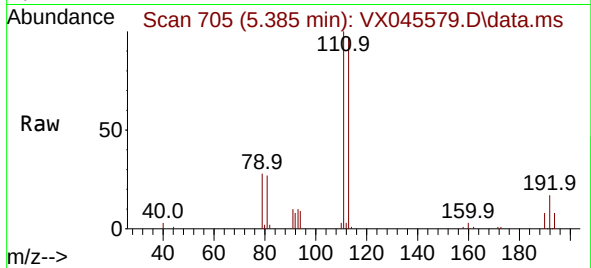




#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

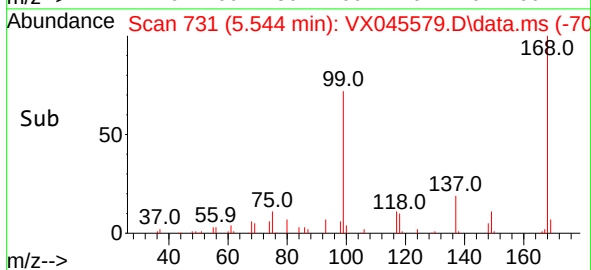
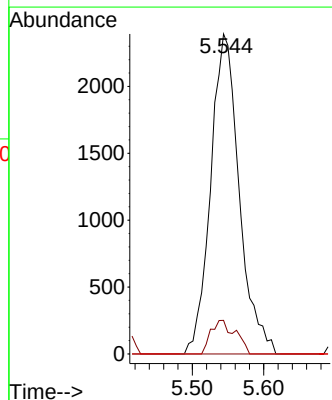
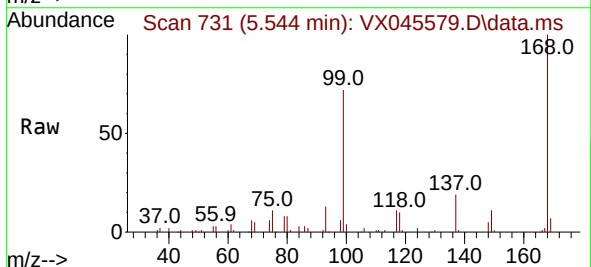
Instrument :
MSVOA_X
ClientSampleId :
IBLK

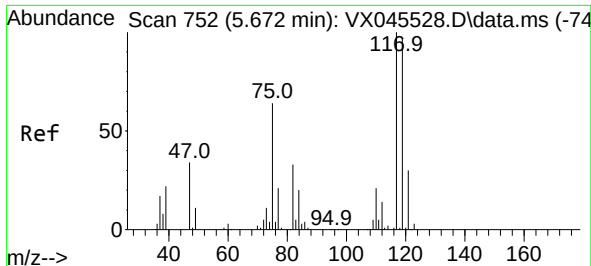
Tgt Ion:113 Resp: 46635
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 16.4 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.347 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

Tgt Ion: 75 Resp: 6640
Ion Ratio Lower Upper
75 100
110 8.9 16.9 50.6#
77 0.0 25.0 37.4#

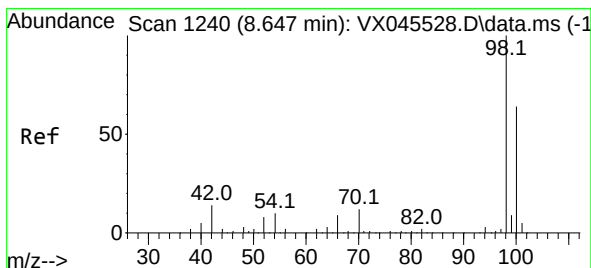
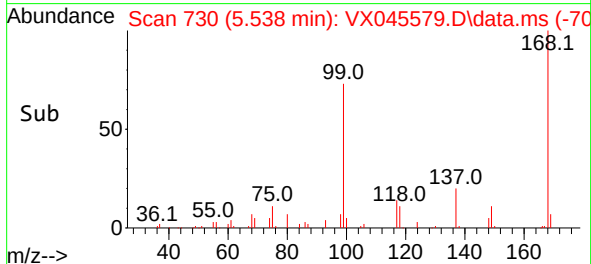
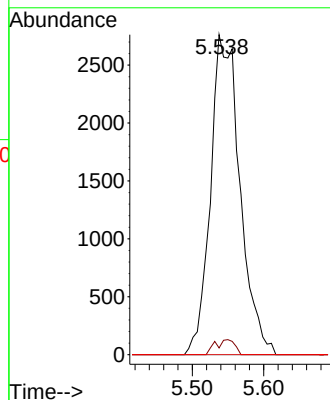
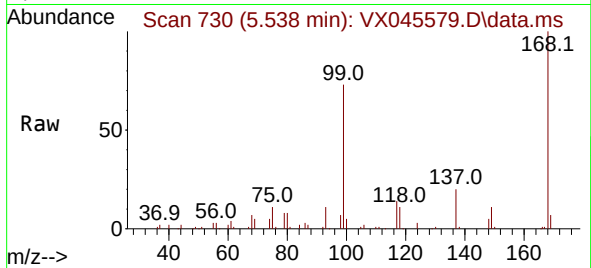




#38
Carbon Tetrachloride
Concen: 5.877 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

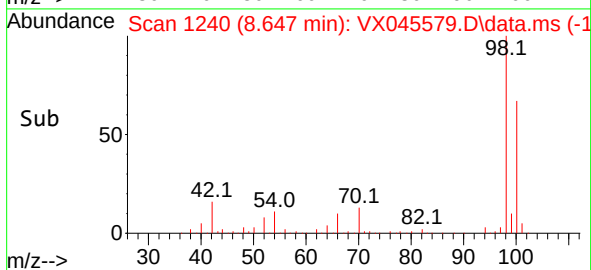
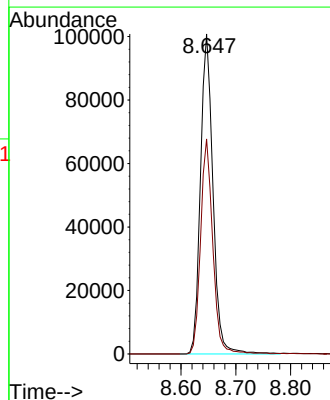
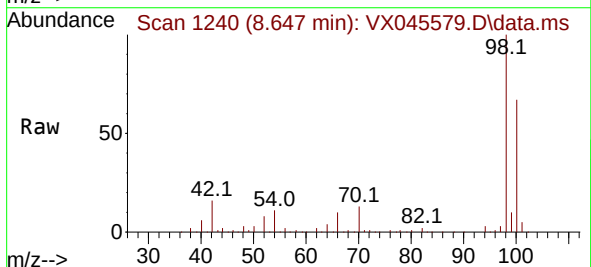
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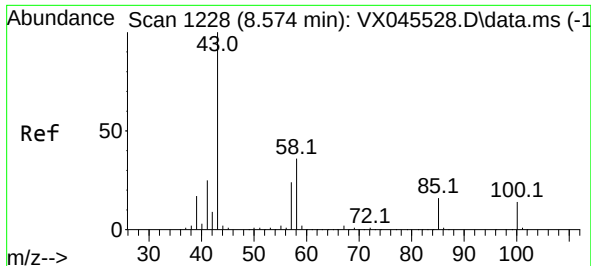
Tgt Ion:117 Resp: 7887
Ion Ratio Lower Upper
117 100
119 2.1 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.750 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

Tgt Ion: 98 Resp: 159697
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4

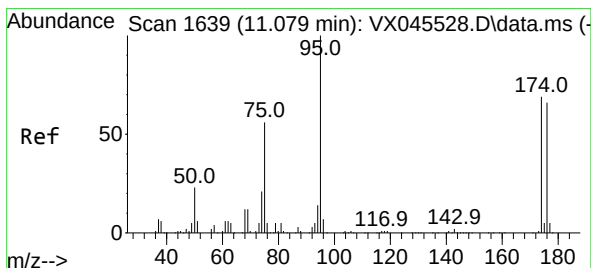
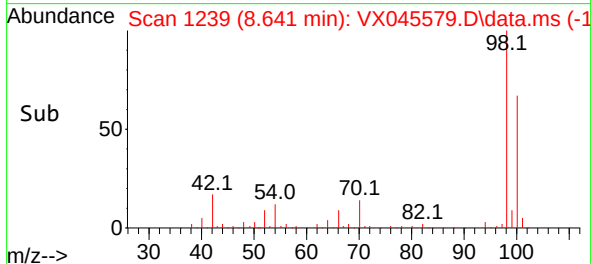
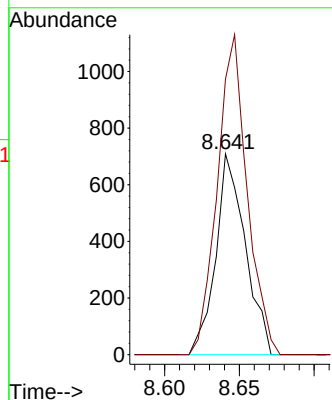
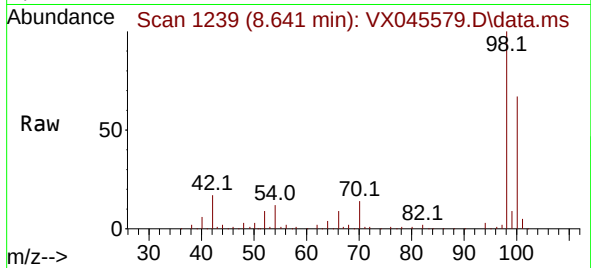




#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

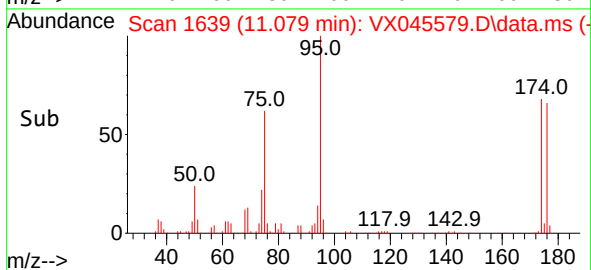
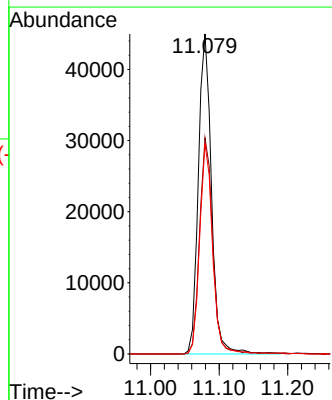
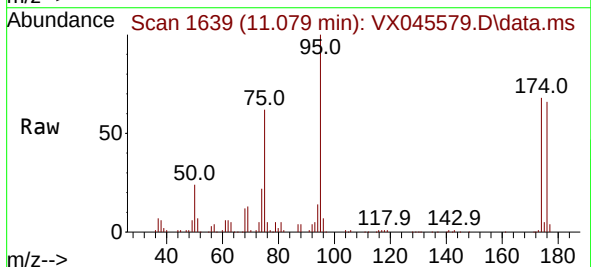
Instrument :
MSVOA_X
ClientSampleId :
IBLK

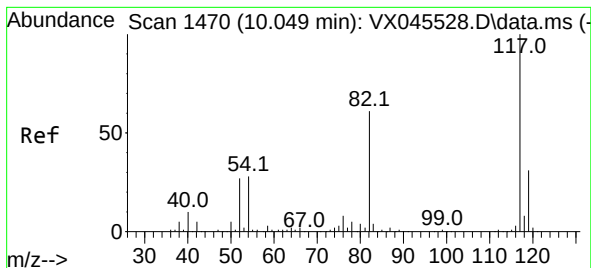
Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
58 161.3 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 51.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

Tgt Ion: 95 Resp: 59987
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 64.2 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: VX045579.D

Acq: 03 Apr 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

IBLK

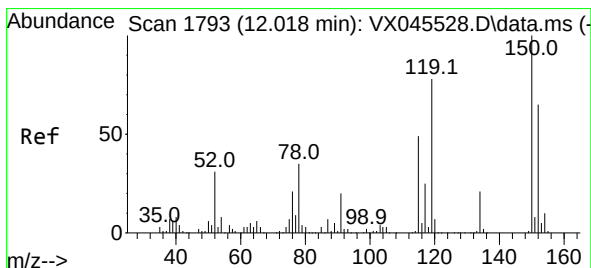
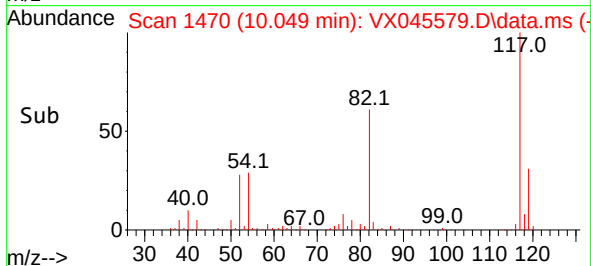
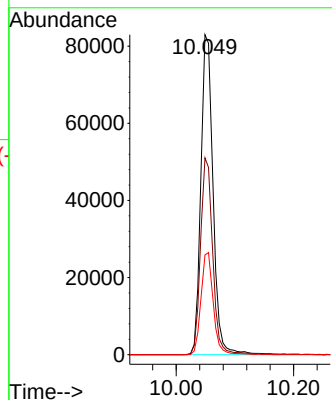
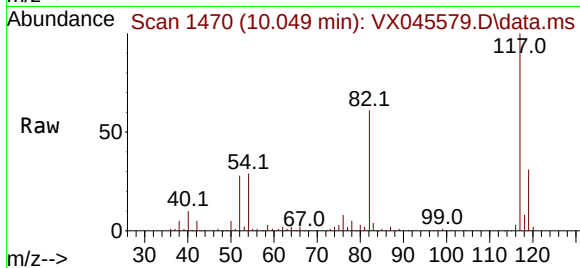
Tgt Ion:117 Resp: 119480

Ion Ratio Lower Upper

117 100

82 61.5 49.2 73.8

119 31.2 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045579.D

Acq: 03 Apr 2025 18:19

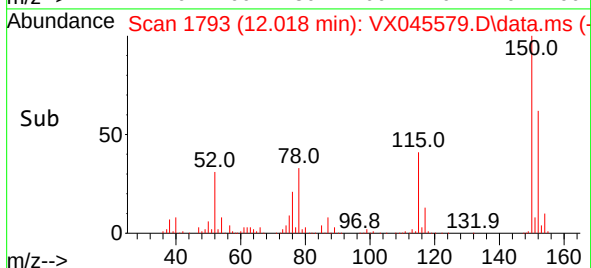
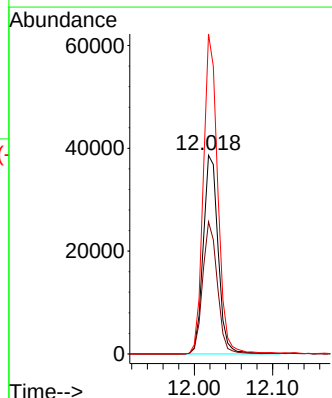
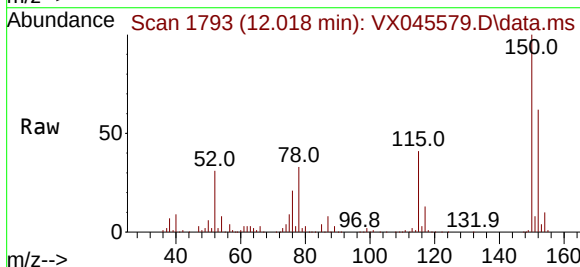
Tgt Ion:152 Resp: 51051

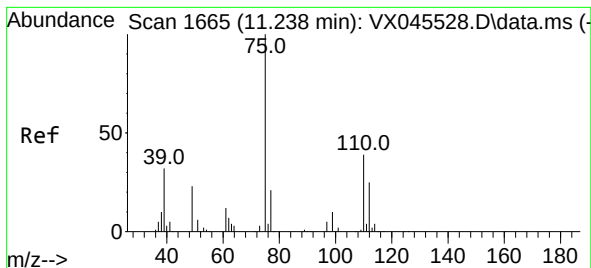
Ion Ratio Lower Upper

152 100

115 65.4 46.9 140.7

150 156.0 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.118 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045579.D

Acq: 03 Apr 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

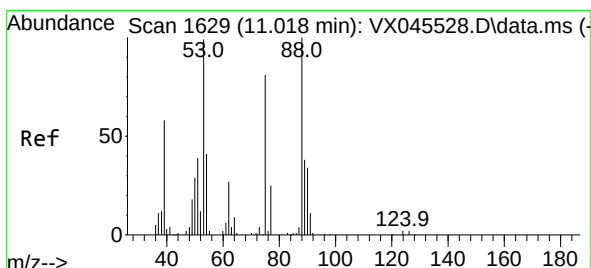
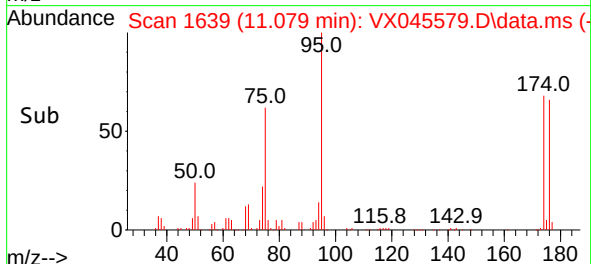
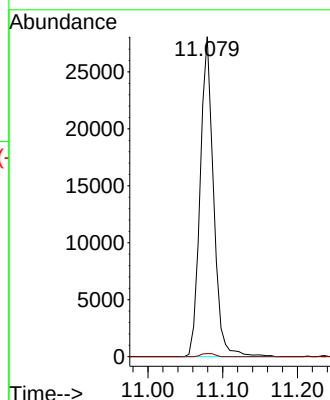
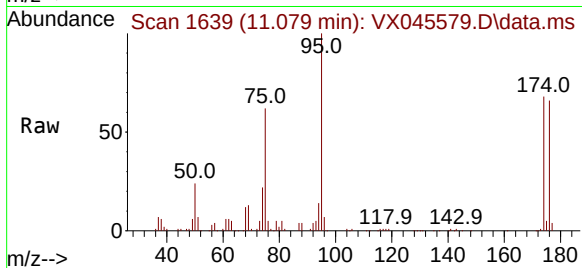
IBLK

Tgt Ion: 75 Resp: 35014

Ion Ratio Lower Upper

75 100

77 1.0 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.429 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045579.D

Acq: 03 Apr 2025 18:19

Tgt Ion: 75 Resp: 35014

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

