

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045907.D
 Acq On : 23 Apr 2025 13:04
 Operator : JC/MD
 Sample : Q1837-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Apr 24 02:14:45 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)

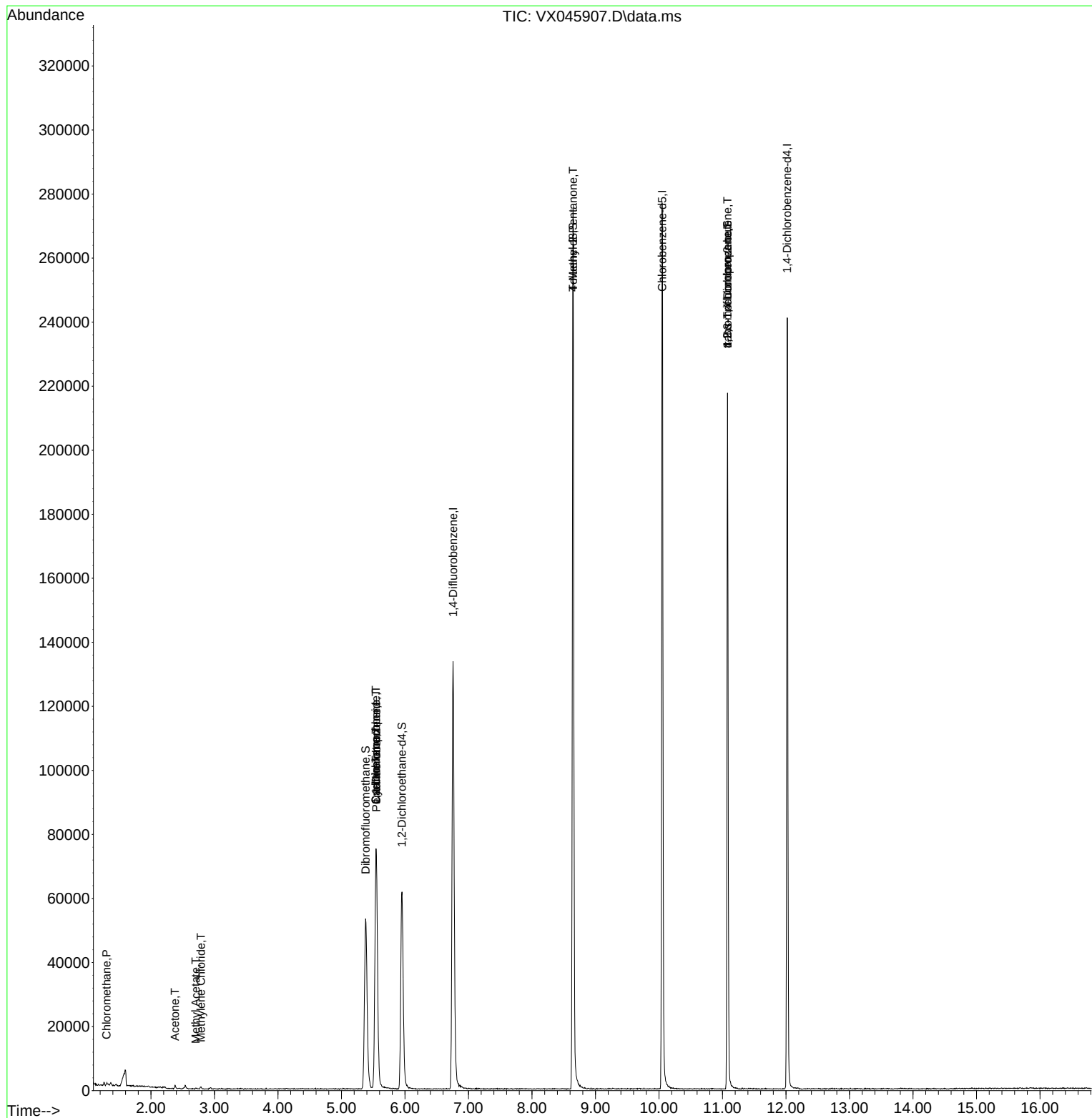
Internal Standards						
1) Pentafluorobenzene	5.550	168	64952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64204	54.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.100%			
35) Dibromofluoromethane	5.379	113	45530	50.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	8.647	98	159117	50.832	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.079	95	55851	48.984	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.960%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	1082	1.084	ug/l	97
16) Acetone	2.380	43	1018	2.087	ug/l #	66
18) Methyl Acetate	2.703	43	239	0.213	ug/l #	54
20) Methylene Chloride	2.788	84	234	0.256	ug/l	86
31) Cyclohexane	5.544	56	1812	1.244	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6597	5.448	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7480	5.716	ug/l #	19
51) 4-Methyl-2-Pentanone	8.647	43	869	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32397	29.694	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32397	100.778	ug/l #	1

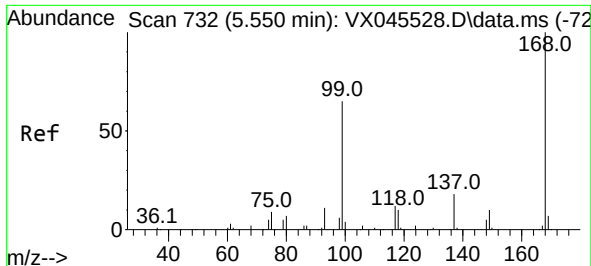
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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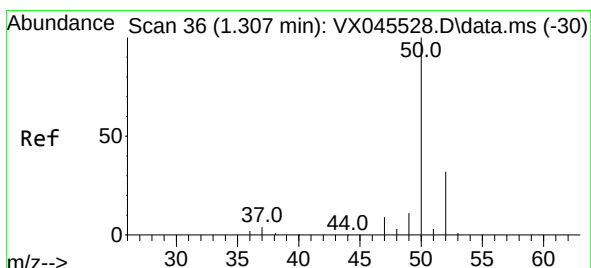
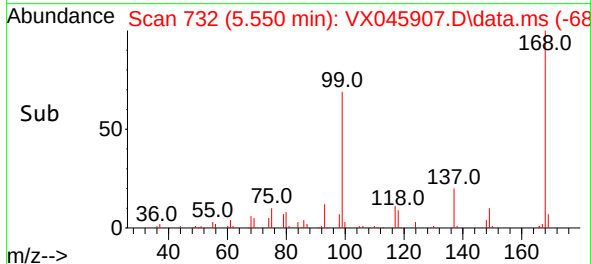
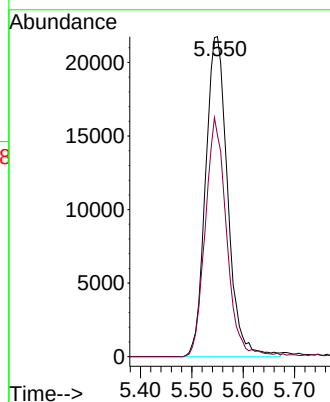
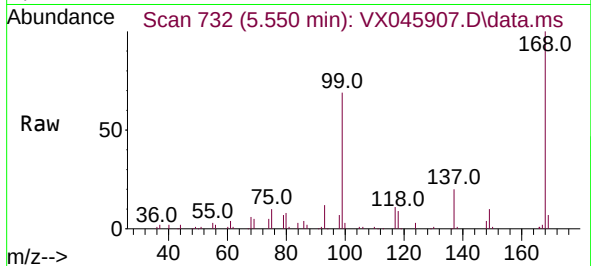




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

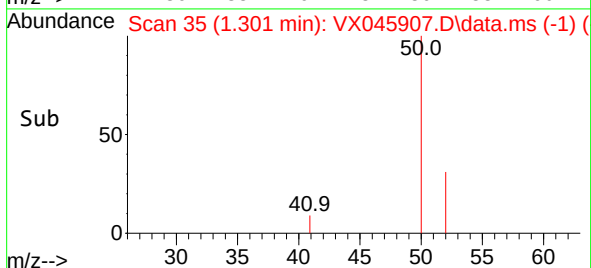
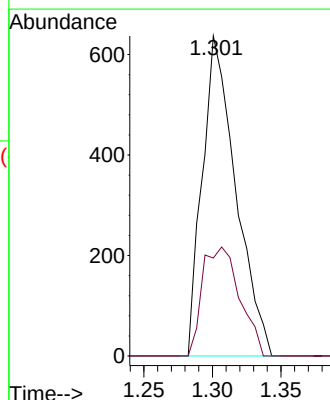
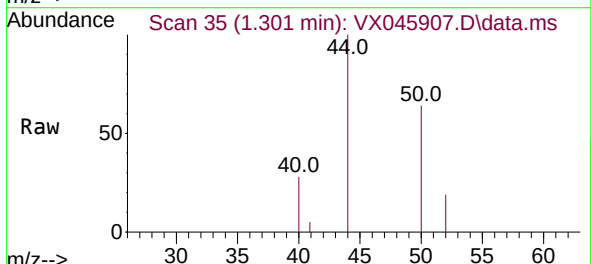
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

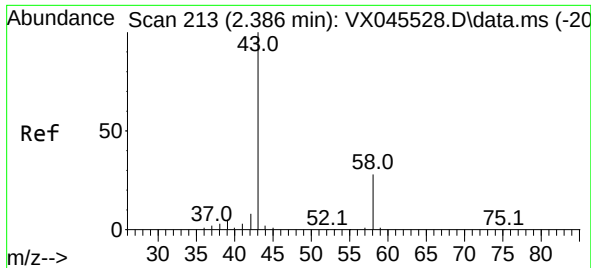
Tgt Ion:168 Resp: 64952
Ion Ratio Lower Upper
168 100
99 69.2 52.3 78.5



#3
Chloromethane
Concen: 1.084 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion: 50 Resp: 1082
Ion Ratio Lower Upper
50 100
52 30.6 25.9 38.9





#16

Acetone

Concen: 2.087 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX045907.D

Acq: 23 Apr 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

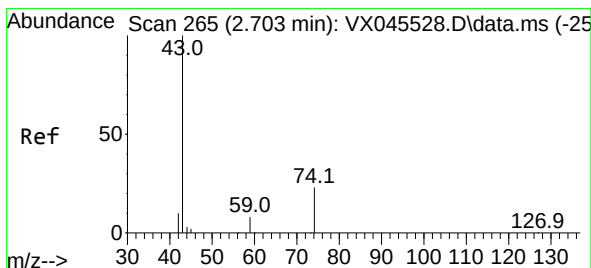
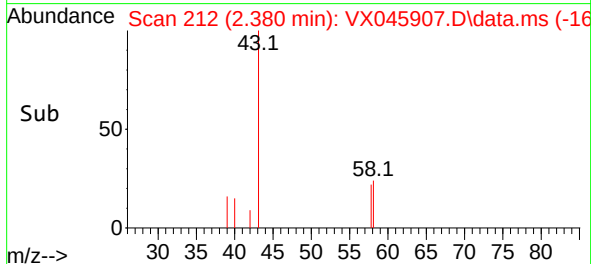
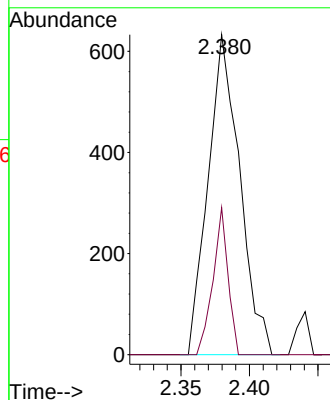
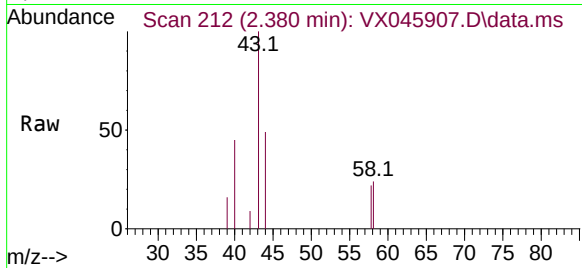
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 1018

Ion Ratio Lower Upper

43 100

58 46.0 22.3 33.5#



#18

Methyl Acetate

Concen: 0.213 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045907.D

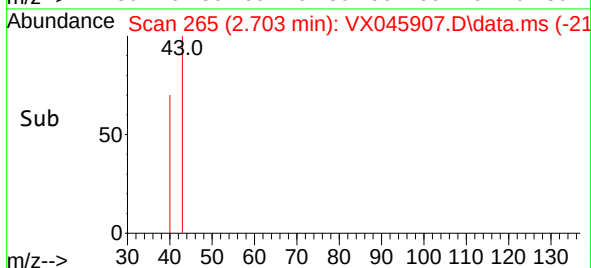
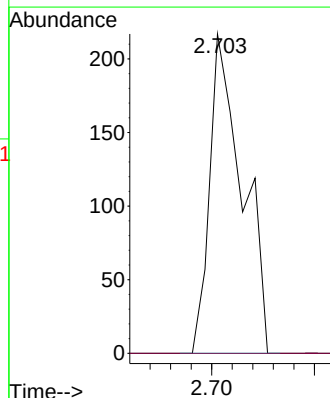
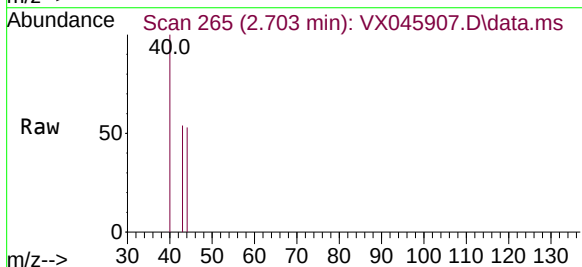
Acq: 23 Apr 2025 13:04

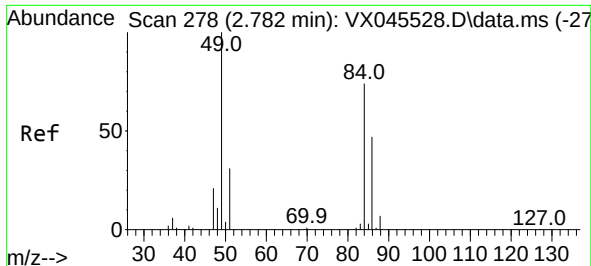
Tgt Ion: 43 Resp: 239

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#



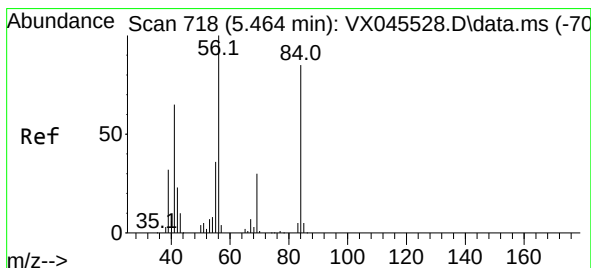
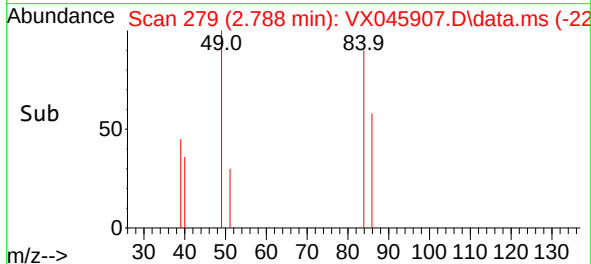
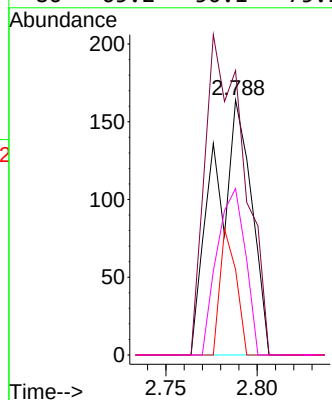
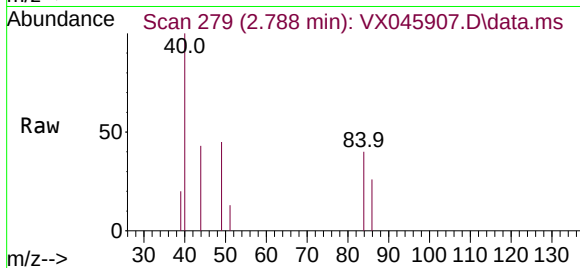


#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 84 Resp: 234

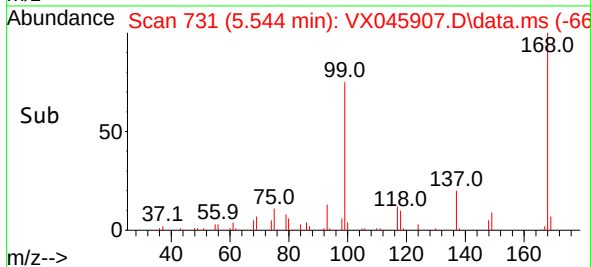
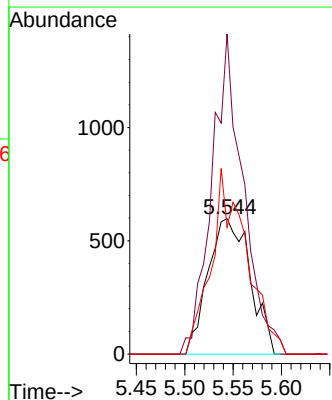
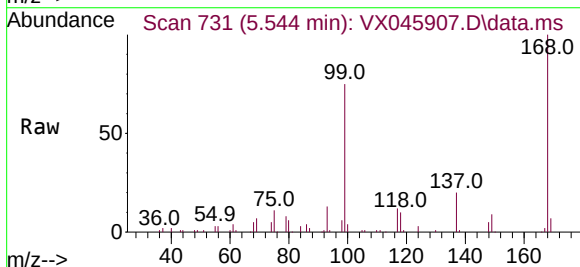
Ion	Ratio	Lower	Upper
84	100		
49	111.6	107.5	161.3
51	33.5	33.0	49.6
86	65.2	50.1	75.1

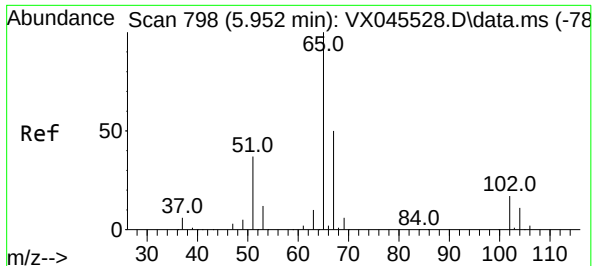


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion: 56 Resp: 1812

Ion	Ratio	Lower	Upper
56	100		
69	236.3	23.6	35.4#
84	93.6	67.7	101.5





#33

1,2-Dichloroethane-d4

Concen: 54.053 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045907.D

Acq: 23 Apr 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

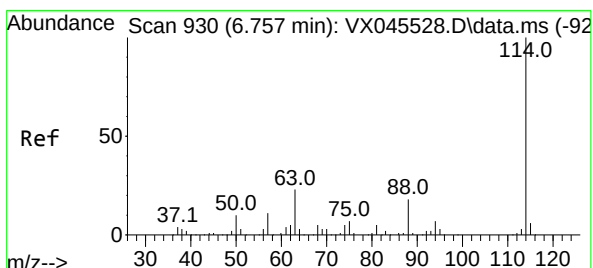
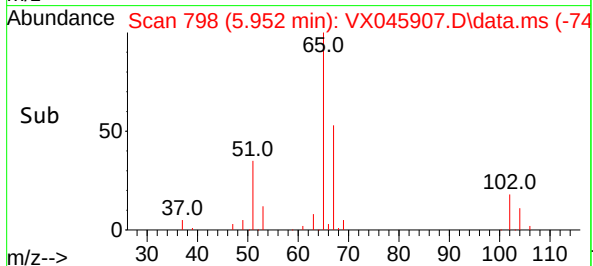
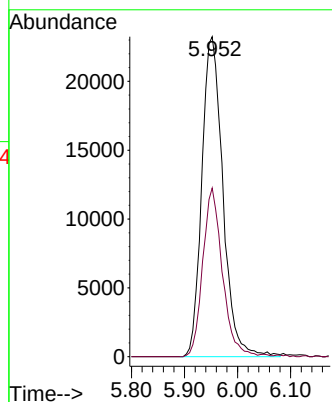
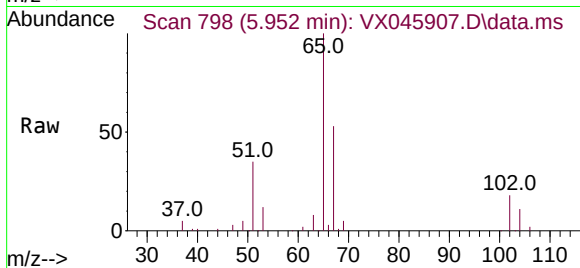
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 64204

Ion Ratio Lower Upper

65 100

67 49.0 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: VX045907.D

Acq: 23 Apr 2025 13:04

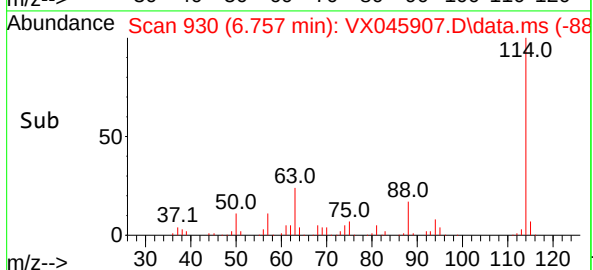
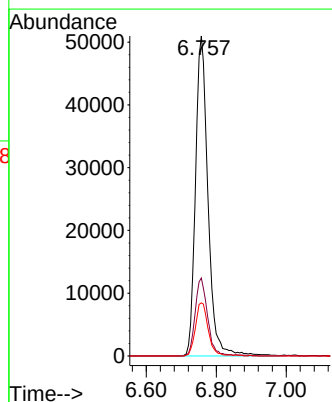
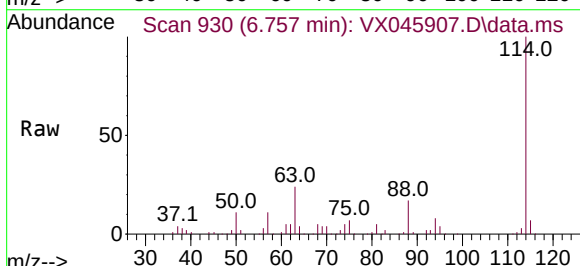
Tgt Ion: 114 Resp: 126402

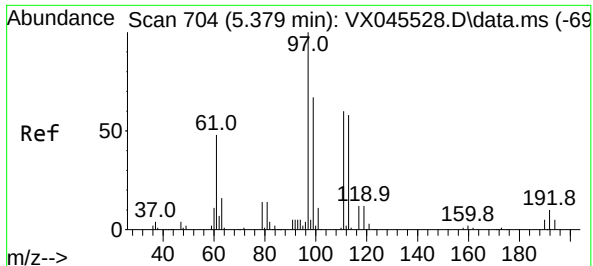
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 16.6 0.0 35.4

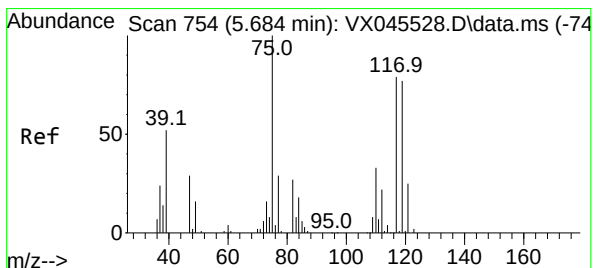
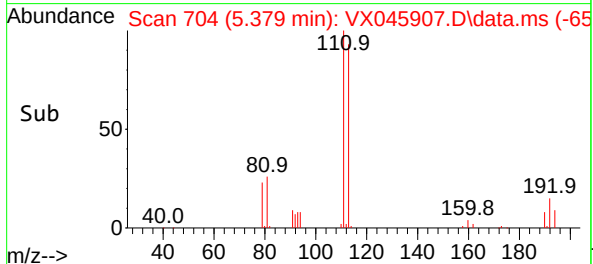
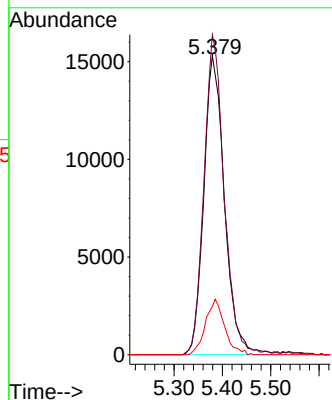
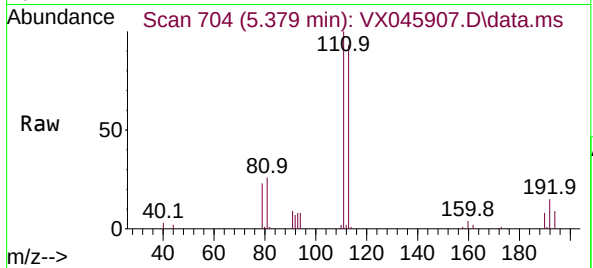




#35
Dibromofluoromethane
Concen: 50.768 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

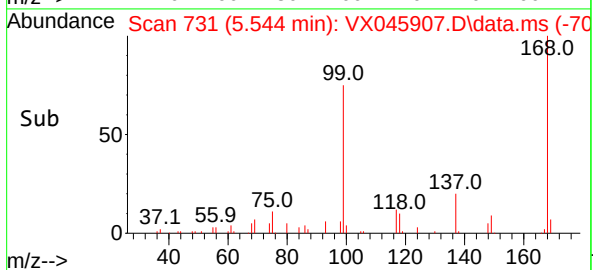
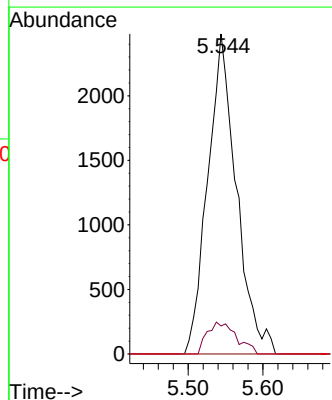
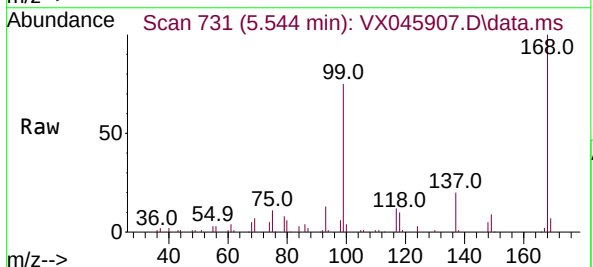
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

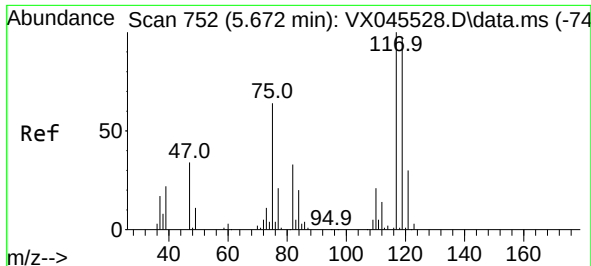
Tgt Ion:113 Resp: 45530
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 17.1 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.448 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

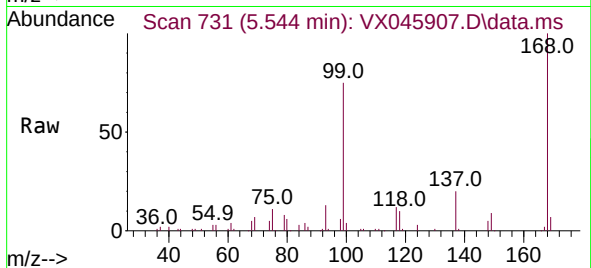
Tgt Ion: 75 Resp: 6597
Ion Ratio Lower Upper
75 100
110 10.2 16.9 50.6#
77 0.0 25.0 37.4#



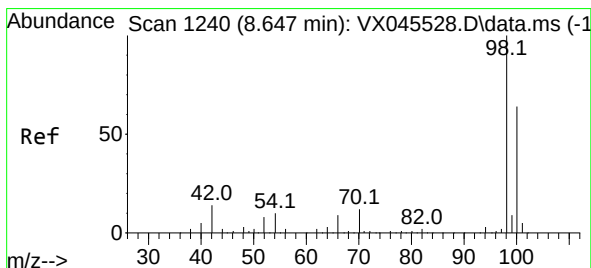
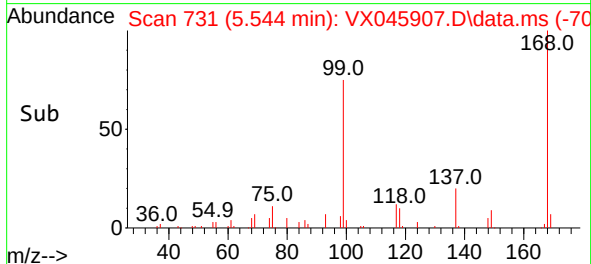
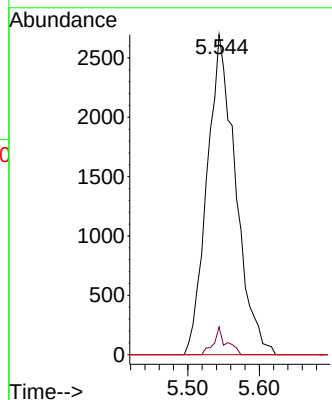


#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

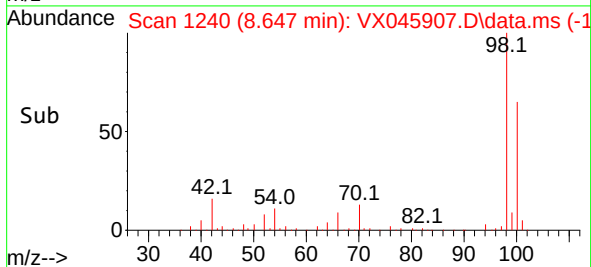
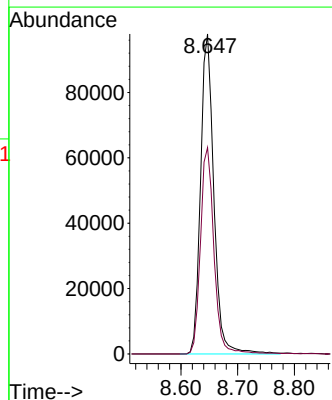
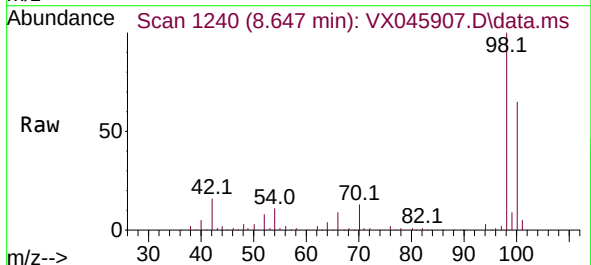


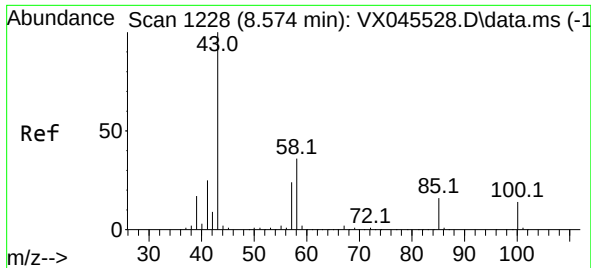
Tgt Ion:117 Resp: 7480
Ion Ratio Lower Upper
117 100
119 8.6 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.832 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion: 98 Resp: 159117
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4

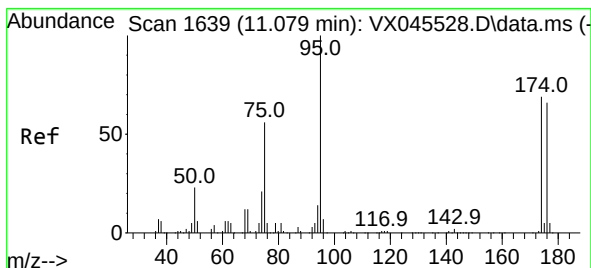
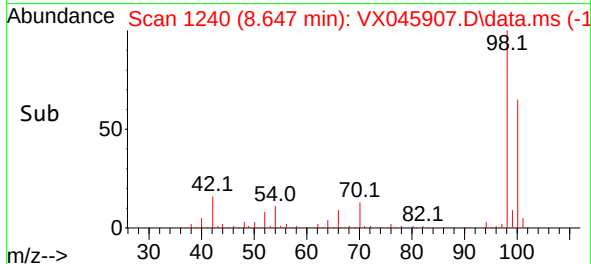
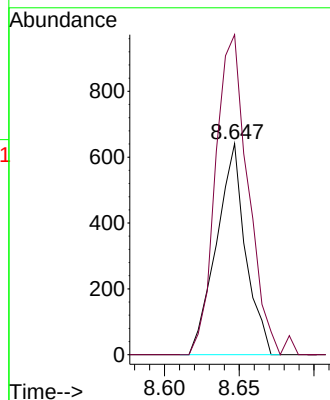
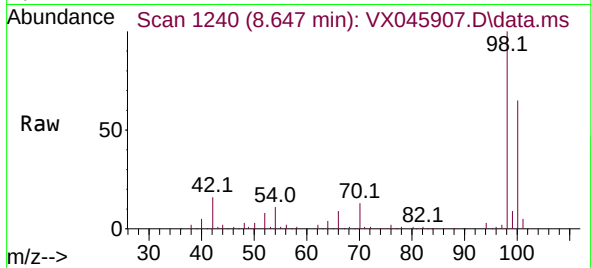




#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. 0.073 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

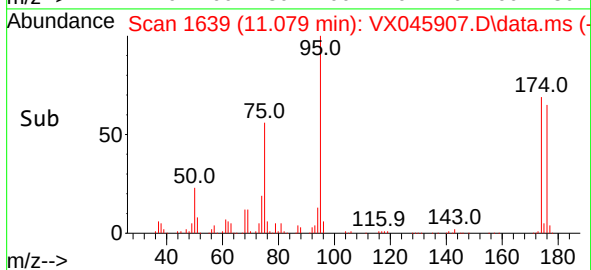
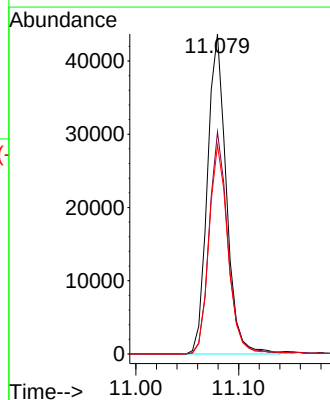
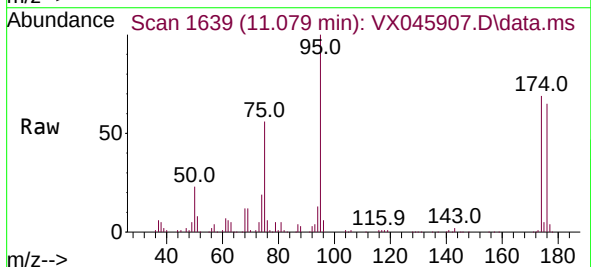
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

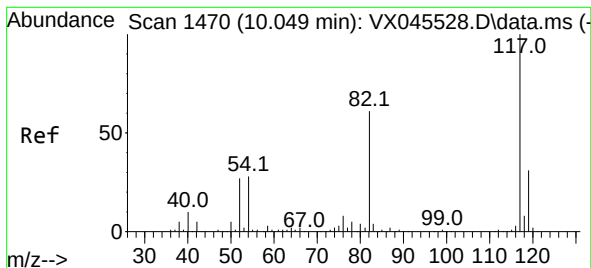
Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 170.9 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 48.984 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion: 95 Resp: 55851
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.9 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: VX045907.D

Acq: 23 Apr 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

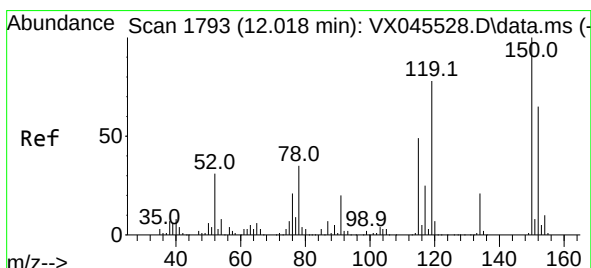
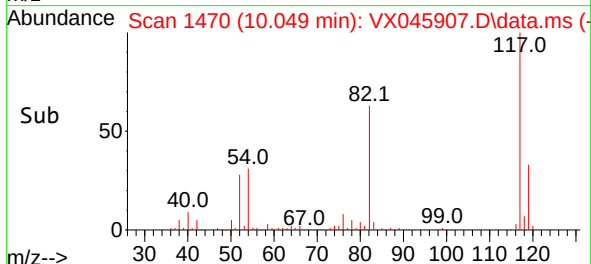
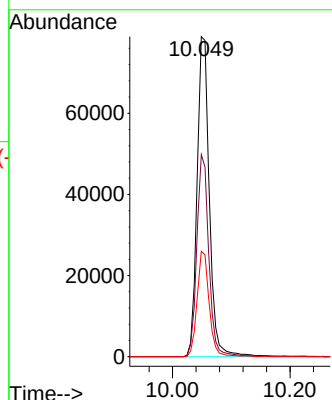
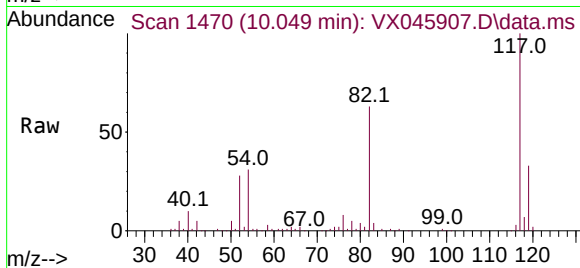
Tgt Ion:117 Resp: 114402

Ion Ratio Lower Upper

117 100

82 63.1 49.2 73.8

119 33.0 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: VX045907.D

Acq: 23 Apr 2025 13:04

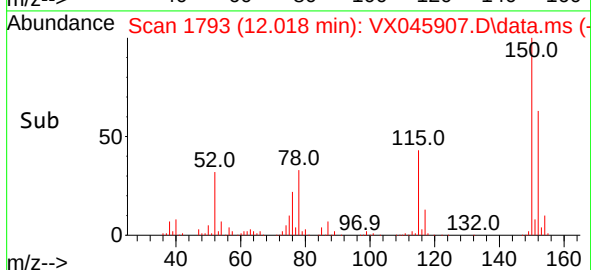
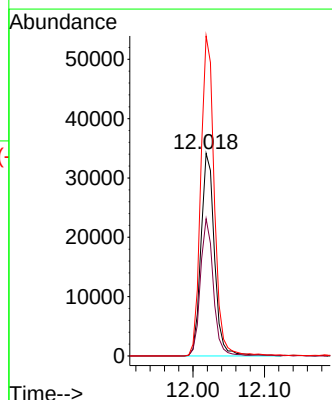
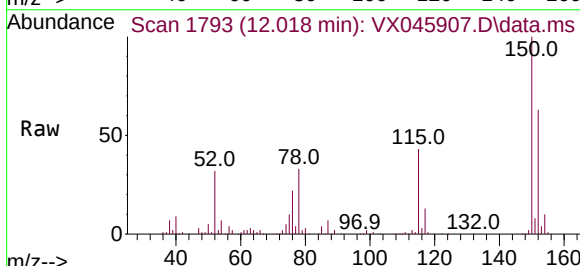
Tgt Ion:152 Resp: 44728

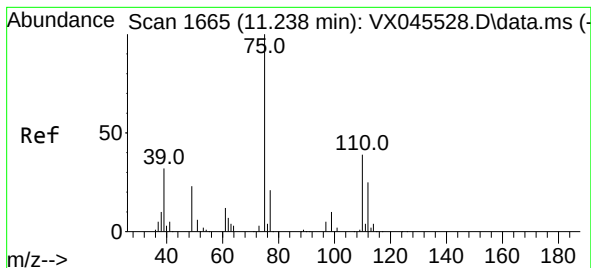
Ion Ratio Lower Upper

152 100

115 64.8 46.9 140.7

150 158.6 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 29.694 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045907.D

Acq: 23 Apr 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

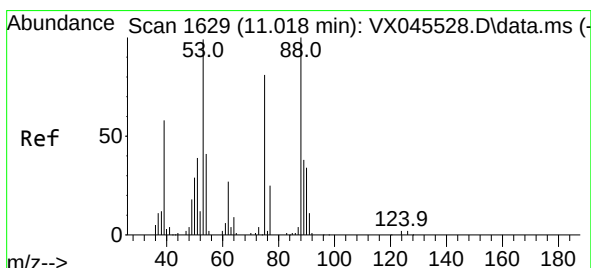
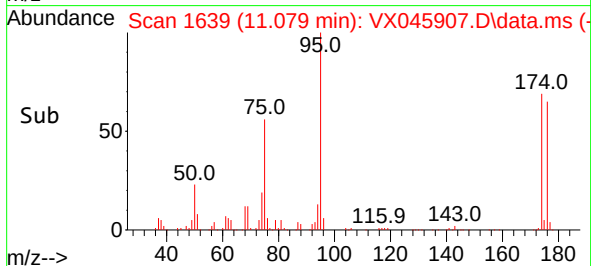
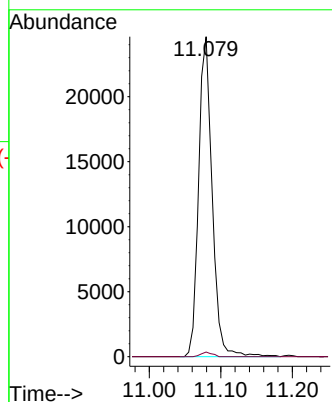
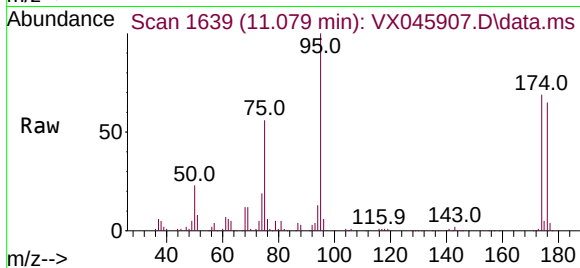
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 32397

Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 100.778 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045907.D

Acq: 23 Apr 2025 13:04

Tgt Ion: 75 Resp: 32397

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

