

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045582.D
 Acq On : 03 Apr 2025 19:29
 Operator : JC/MD
 Sample : Q1676-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Apr 04 01:29:46 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)

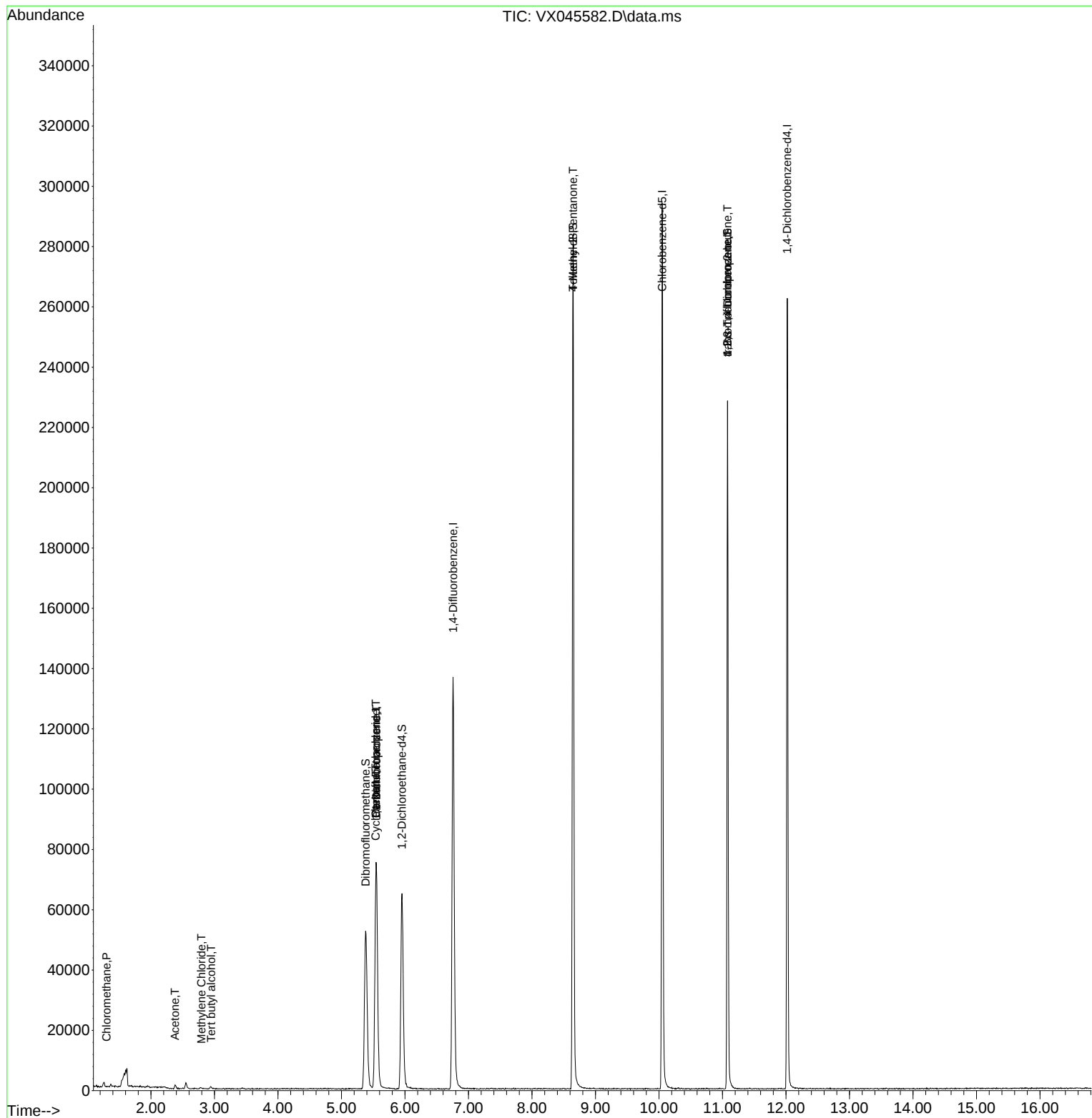
Internal Standards						
1) Pentafluorobenzene	5.544	168	66549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65479	53.803	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.600%			
35) Dibromofluoromethane	5.379	113	45954	50.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	8.647	98	161785	50.669	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.340%			
62) 4-Bromofluorobenzene	11.079	95	58361	50.179	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.360%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	281	0.275	ug/l #	42
11) Tert butyl alcohol	2.947	59	358	2.189	ug/l #	72
16) Acetone	2.380	43	1224	2.449	ug/l	99
20) Methylene Chloride	2.794	84	292	0.312	ug/l #	49
31) Cyclohexane	5.538	56	2166	1.451	ug/l #	45
36) 1,1-Dichloropropene	5.550	75	6070	4.914	ug/l #	46
38) Carbon Tetrachloride	5.544	117	7741	5.799	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	964	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34260	28.978	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34260	98.348	ug/l #	1

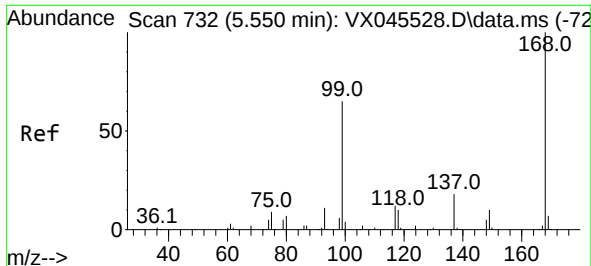
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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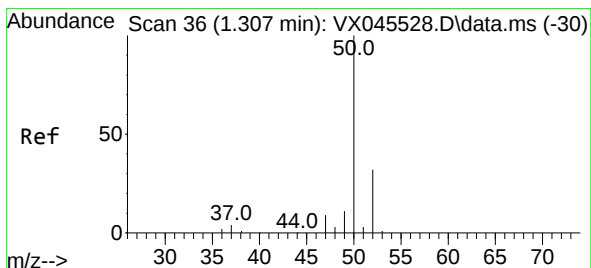
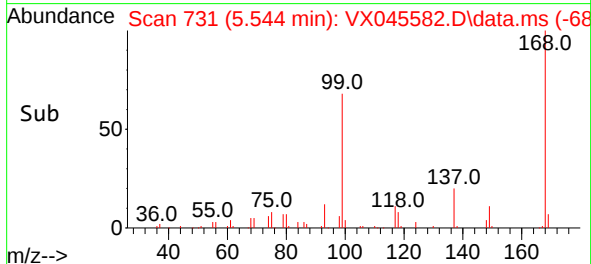
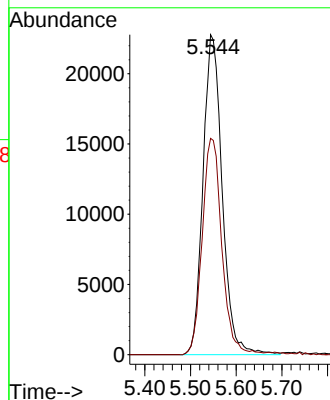
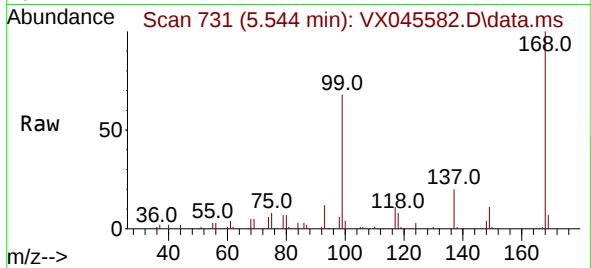




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

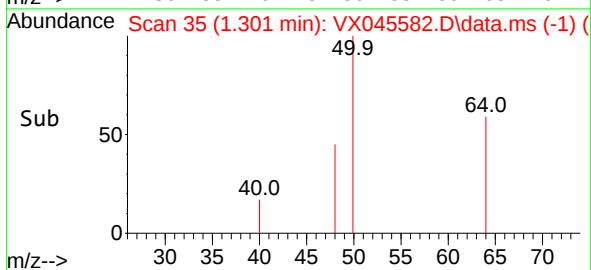
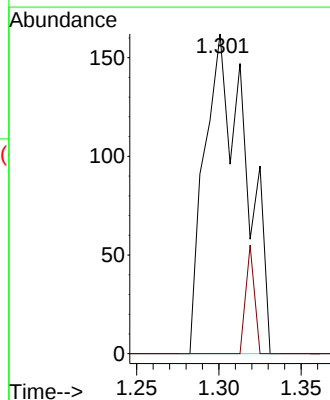
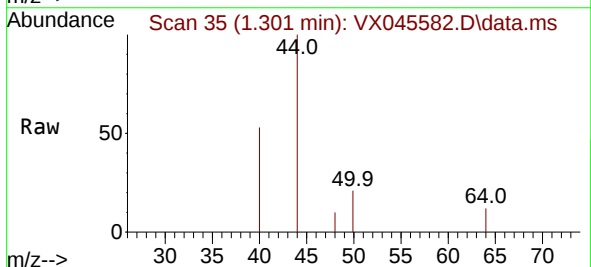
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

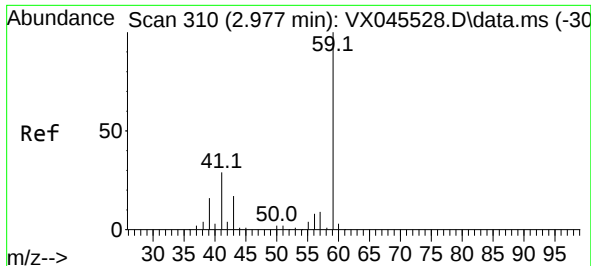
Tgt Ion:168 Resp: 66549
Ion Ratio Lower Upper
168 100
99 67.6 52.3 78.5



#3
Chloromethane
Concen: 0.275 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

Tgt Ion: 50 Resp: 281
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 2.189 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.030 min

Lab File: VX045582.D

Acq: 03 Apr 2025 19:29

Instrument :

MSVOA_X

ClientSampleId :

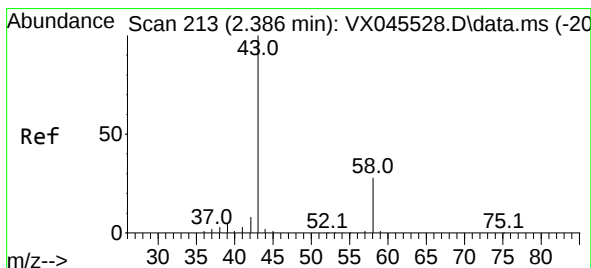
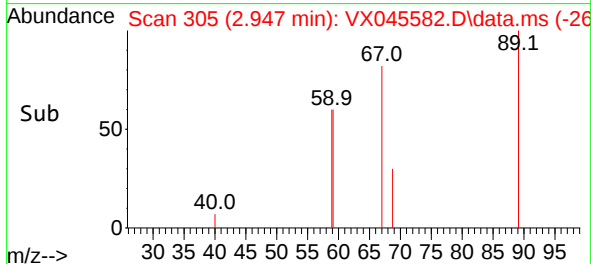
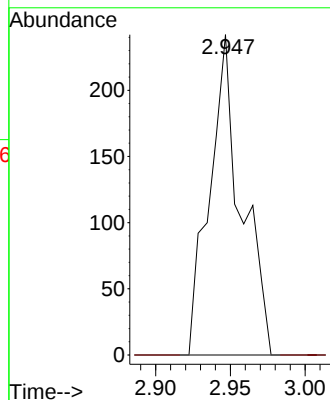
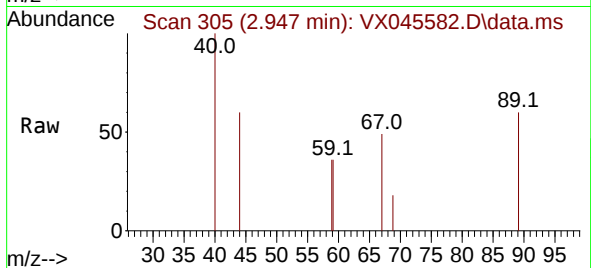
Storage-Blank-WATER-REF-4

Tgt Ion: 59 Resp: 358

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 2.449 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045582.D

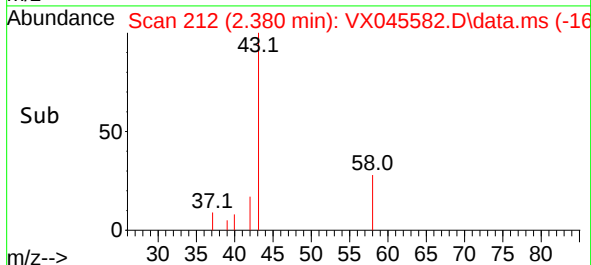
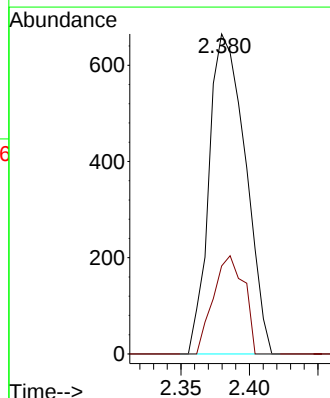
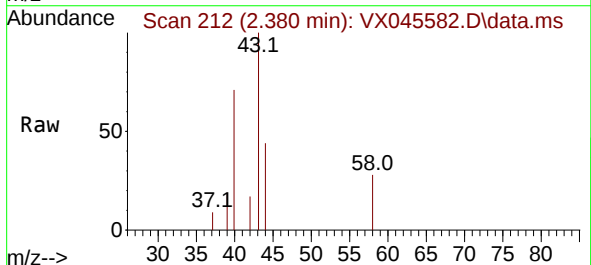
Acq: 03 Apr 2025 19:29

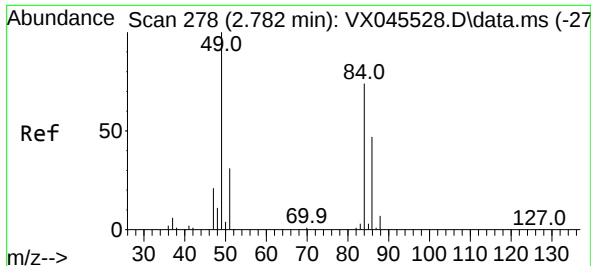
Tgt Ion: 43 Resp: 1224

Ion Ratio Lower Upper

43 100

58 27.5 22.3 33.5

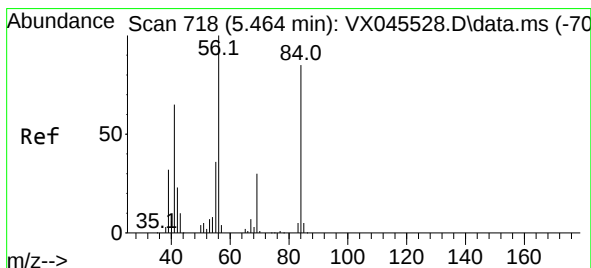
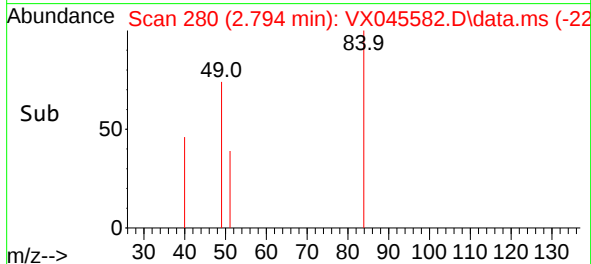
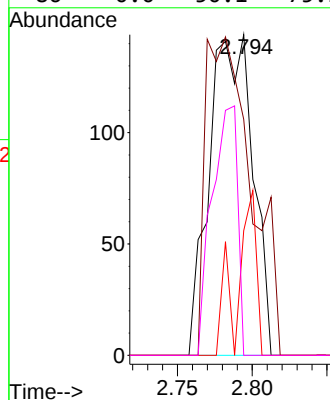
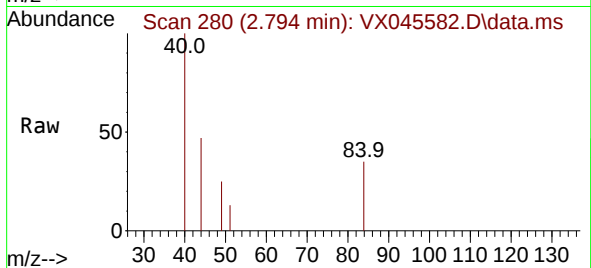




#20
Methylene Chloride
Concen: 0.312 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

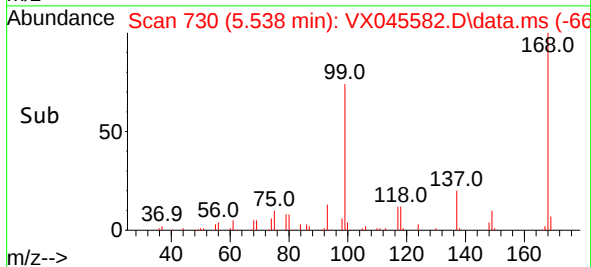
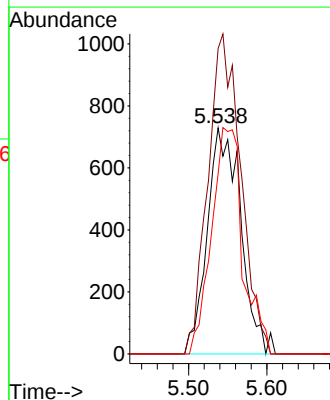
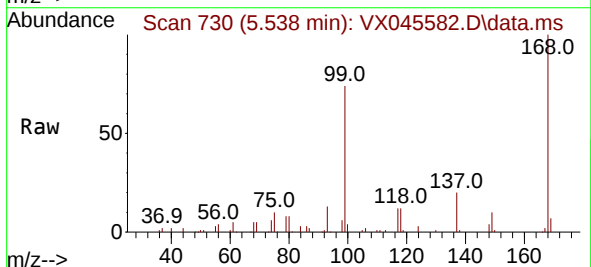
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

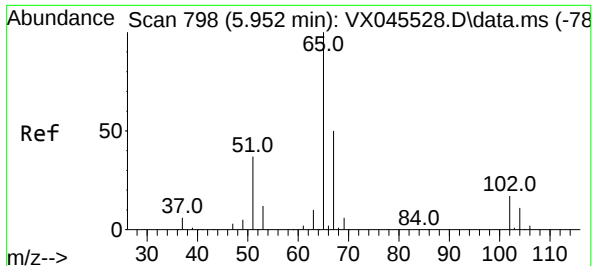
Tgt Ion: 84 Resp: 292
Ion Ratio Lower Upper
84 100
49 73.6 107.5 161.3#
51 38.9 33.0 49.6
86 0.0 50.1 75.1#



#31
Cyclohexane
Concen: 1.451 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

Tgt Ion: 56 Resp: 2166
Ion Ratio Lower Upper
56 100
69 135.1 23.6 35.4#
84 79.7 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 53.803 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045582.D

Acq: 03 Apr 2025 19:29

Instrument :

MSVOA_X

ClientSampleId :

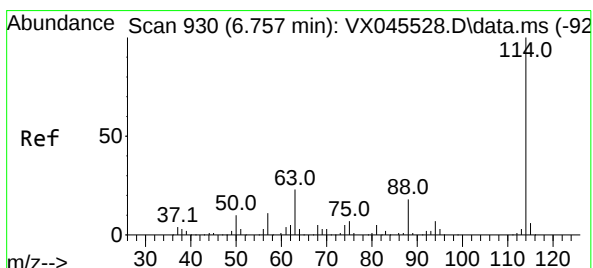
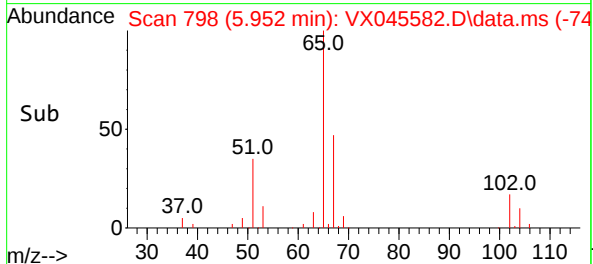
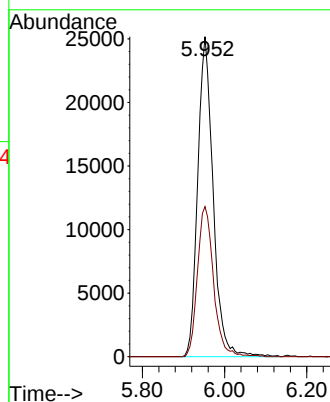
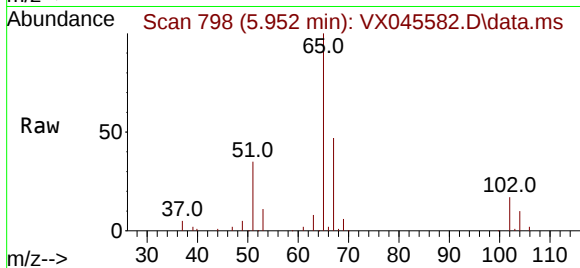
Storage-Blank-WATER-REF-4

Tgt Ion: 65 Resp: 65479

Ion Ratio Lower Upper

65 100

67 49.1 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: VX045582.D

Acq: 03 Apr 2025 19:29

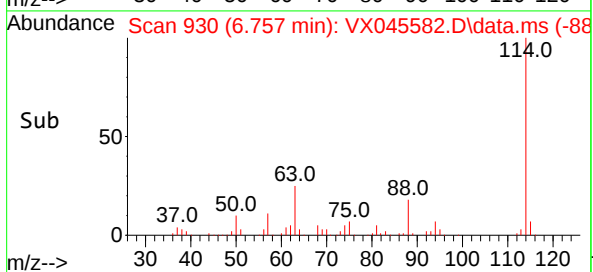
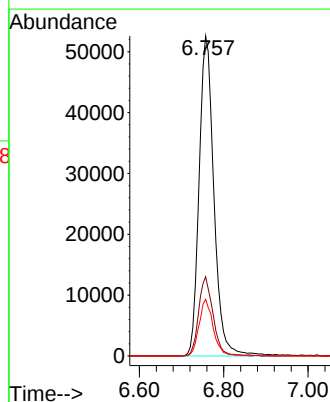
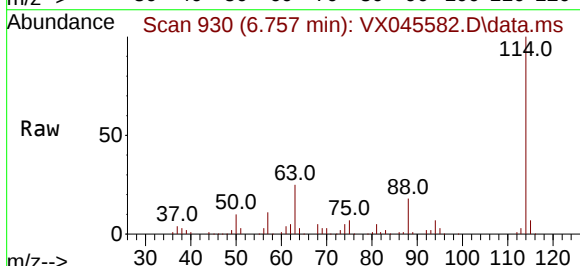
Tgt Ion: 114 Resp: 128935

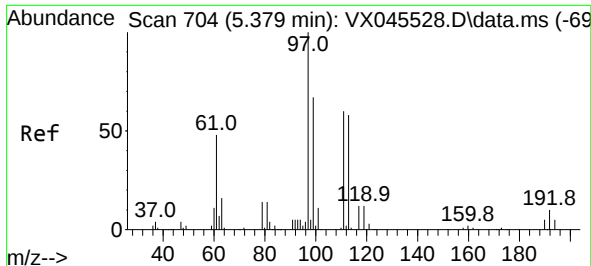
Ion Ratio Lower Upper

114 100

63 24.7 0.0 46.8

88 17.7 0.0 35.4

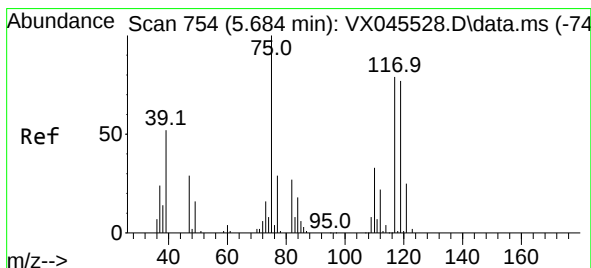
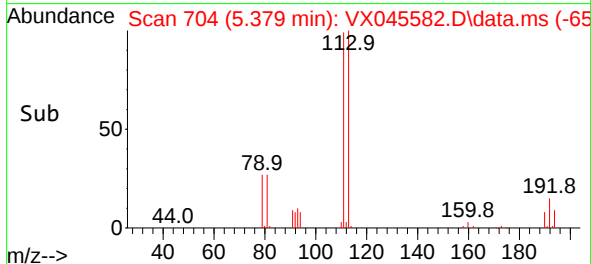
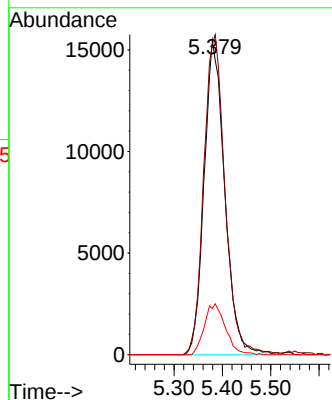
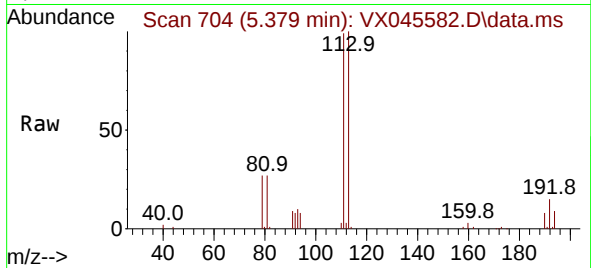




#35
Dibromofluoromethane
Concen: 50.234 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

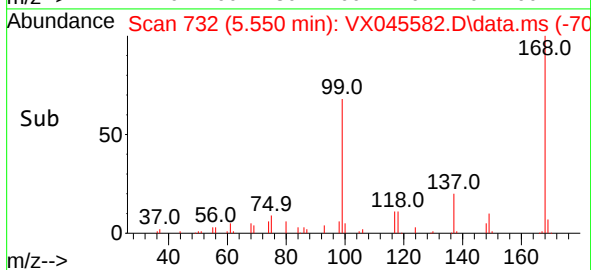
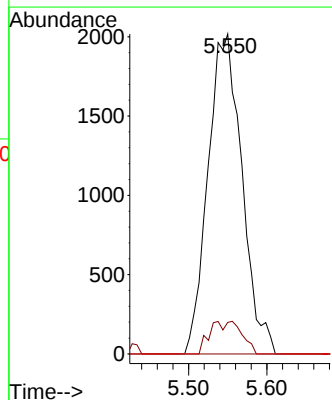
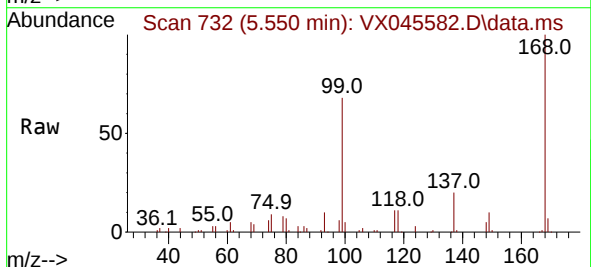
Instrument :
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ClientSampleId :
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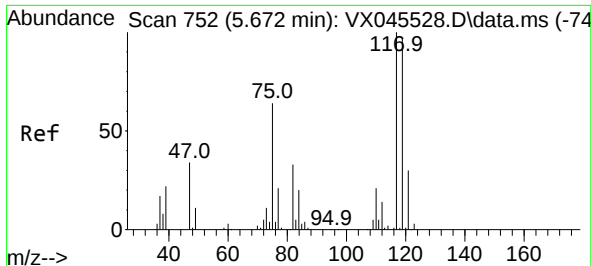
Tgt Ion:113 Resp: 45954
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.6
192 16.5 13.8 20.6



#36
1,1-Dichloropropene
Concen: 4.914 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

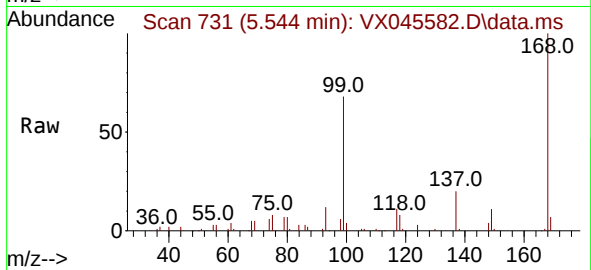
Tgt Ion: 75 Resp: 6070
Ion Ratio Lower Upper
75 100
110 4.5 16.9 50.6#
77 0.0 25.0 37.4#



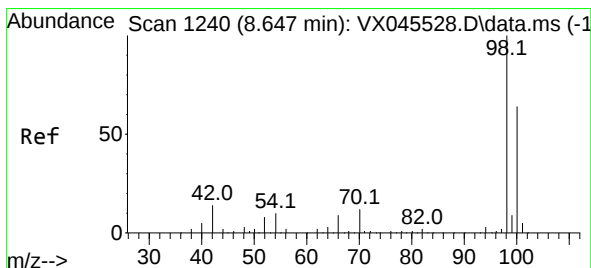
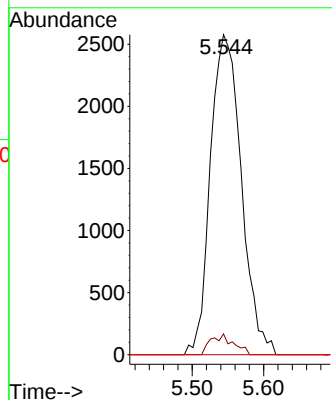
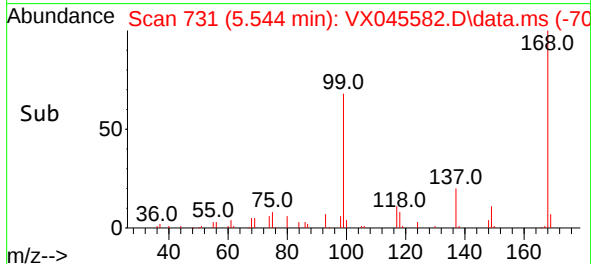


#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

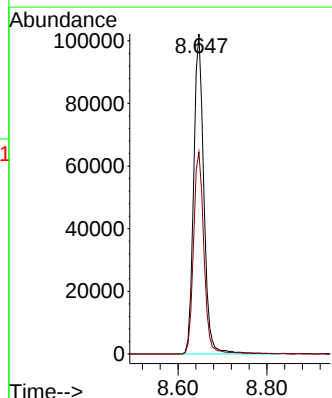
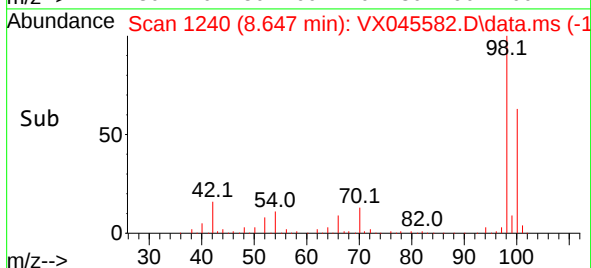
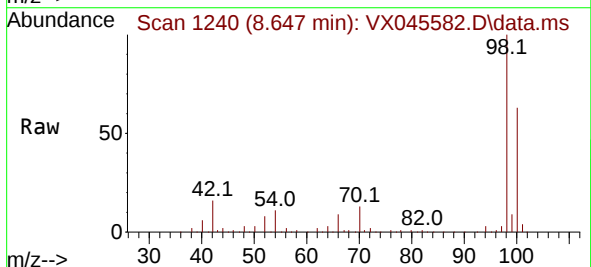


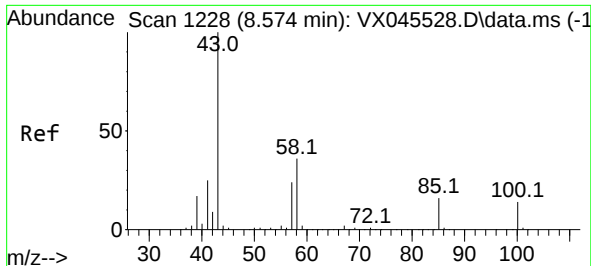
Tgt Ion:117 Resp: 7741
Ion Ratio Lower Upper
117 100
119 6.5 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.669 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

Tgt Ion: 98 Resp: 161785
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

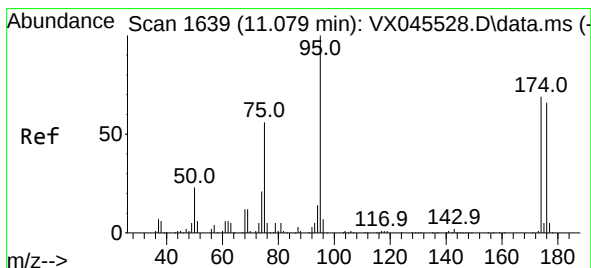
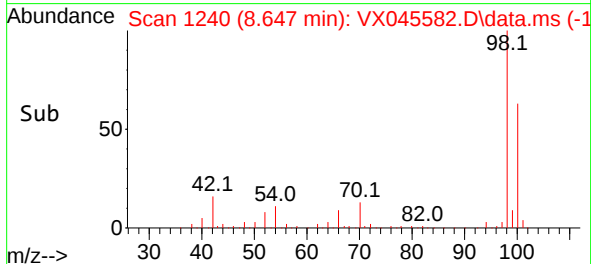
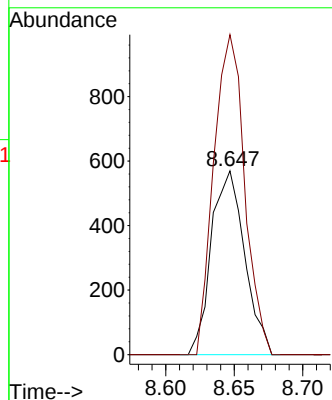
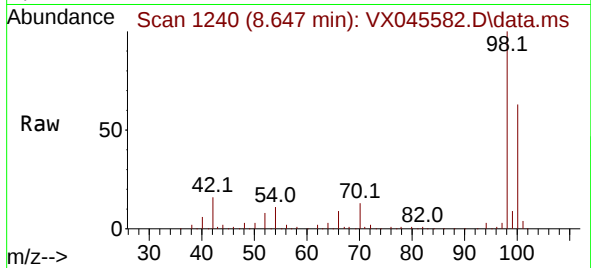




#51
4-Methyl-2-Pentanone
Concen: 0.616 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

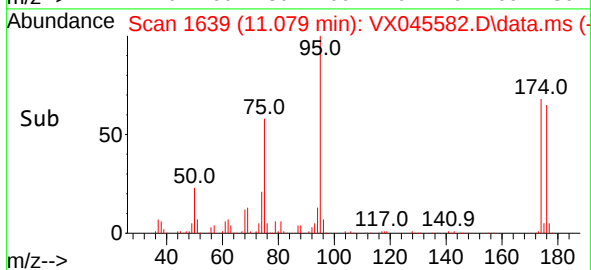
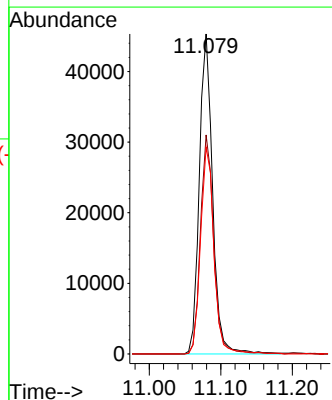
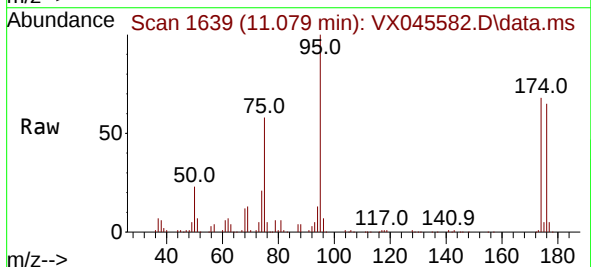
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

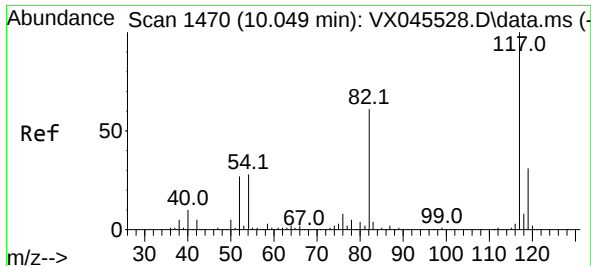
Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 161.1 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 50.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

Tgt Ion: 95 Resp: 58361
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 65.4 0.0 131.4

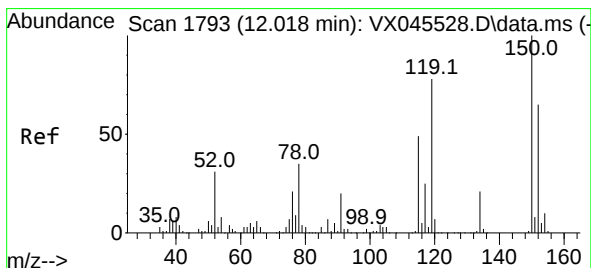
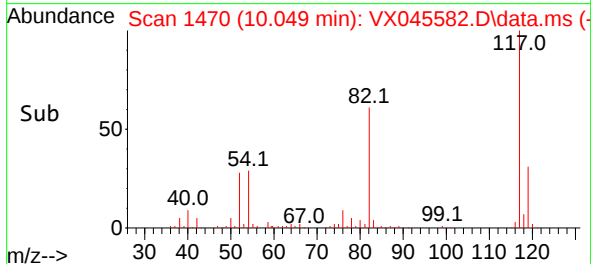
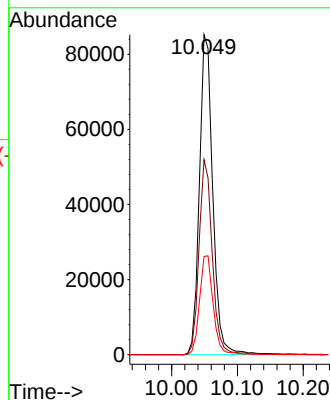
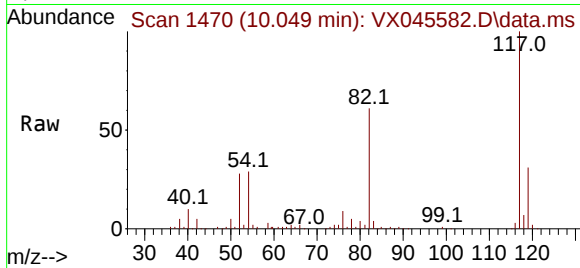




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

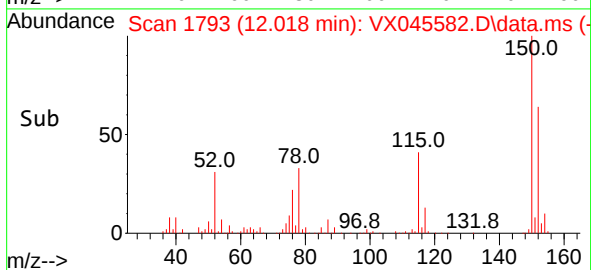
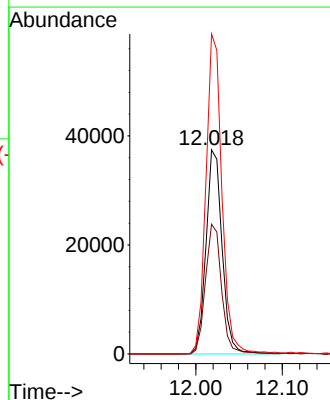
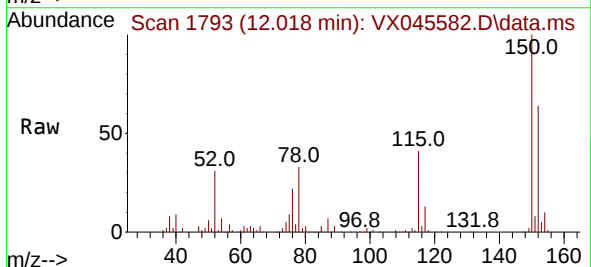
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

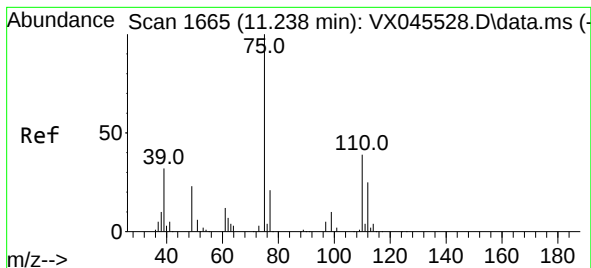
Tgt Ion:117 Resp: 120457
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 30.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045582.D
Acq: 03 Apr 2025 19:29

Tgt Ion:152 Resp: 48469
Ion Ratio Lower Upper
152 100
115 63.6 46.9 140.7
150 155.3 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.978 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045582.D

Acq: 03 Apr 2025 19:29

Instrument :

MSVOA_X

ClientSampleId :

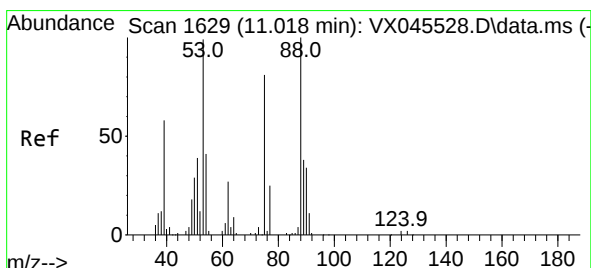
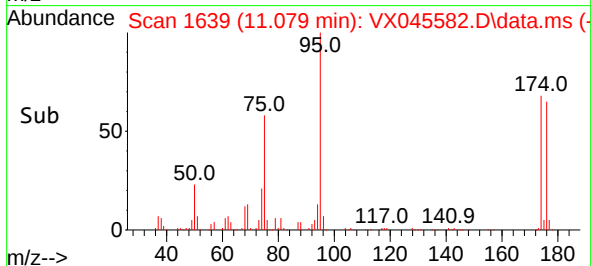
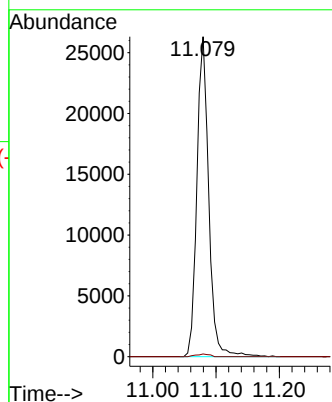
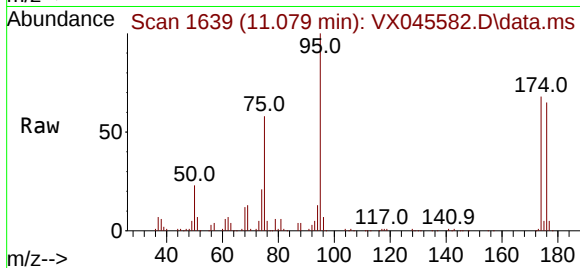
Storage-Blank-WATER-REF-4

Tgt Ion: 75 Resp: 34260

Ion Ratio Lower Upper

75 100

77 1.0 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 98.348 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045582.D

Acq: 03 Apr 2025 19:29

Tgt Ion: 75 Resp: 34260

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

