

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045581.D
 Acq On : 03 Apr 2025 19:06
 Operator : JC/MD
 Sample : Q1676-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Apr 04 01:29:21 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)

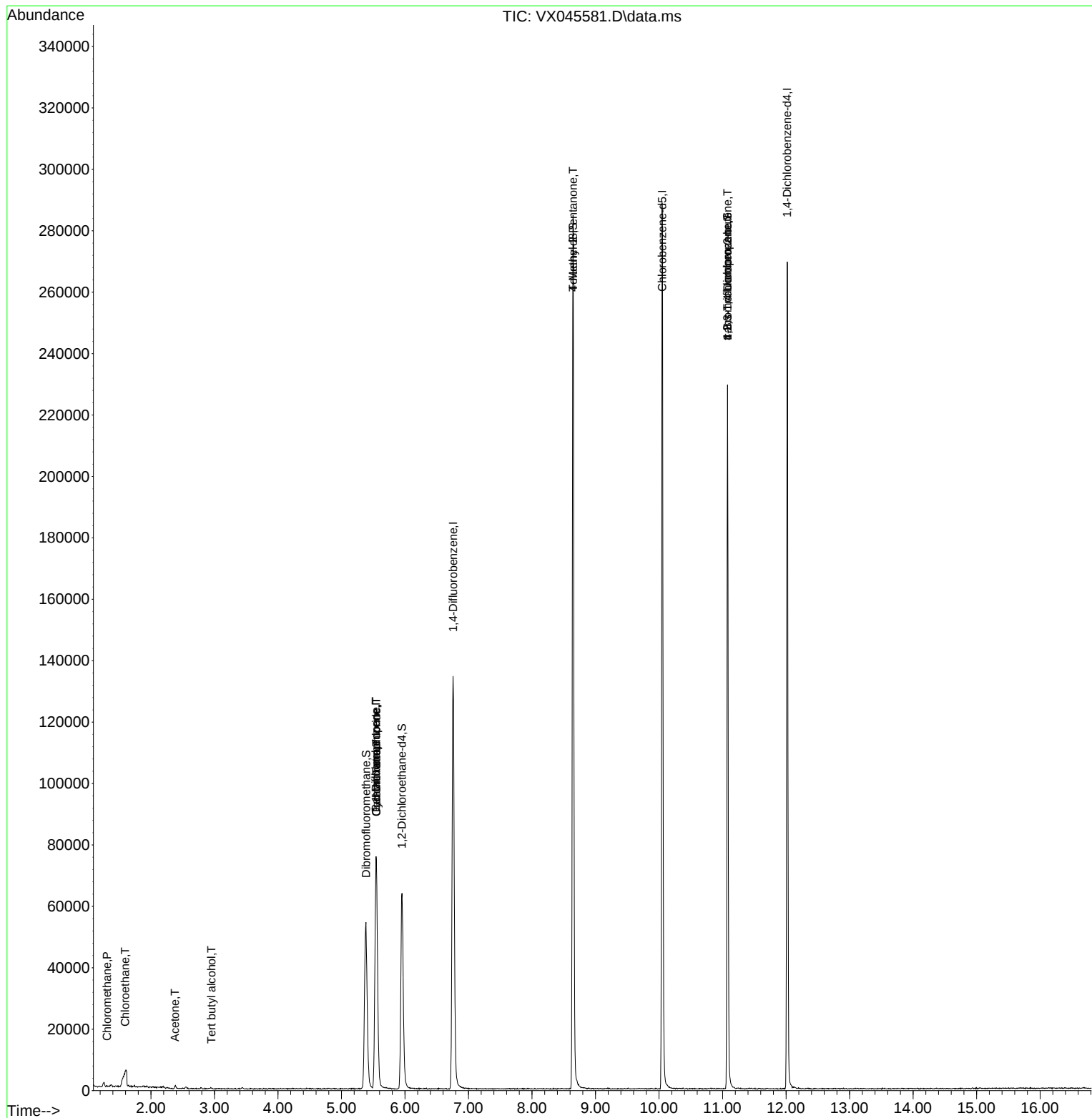
Internal Standards						
1) Pentafluorobenzene	5.544	168	65062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128448	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65303	54.885	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.780%			
35) Dibromofluoromethane	5.385	113	46714	51.259	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	8.647	98	161223	50.684	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.360%			
62) 4-Bromofluorobenzene	11.079	95	59011	50.931	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.860%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	346	0.346	ug/l	98
6) Chloroethane	1.593	64	108	0.223	ug/l #	42
11) Tert butyl alcohol	2.953	59	49	0.306	ug/l #	72
16) Acetone	2.380	43	952	1.949	ug/l	95
31) Cyclohexane	5.550	56	1973	1.352	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	6597	5.361	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7251	5.452	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	931	0.598	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34309	28.846	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34309	97.899	ug/l #	1

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

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Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Quant Time: Apr 04 01:29:21 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

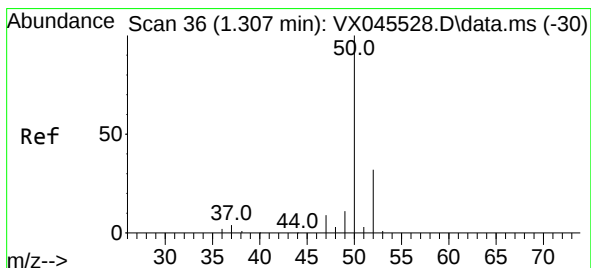
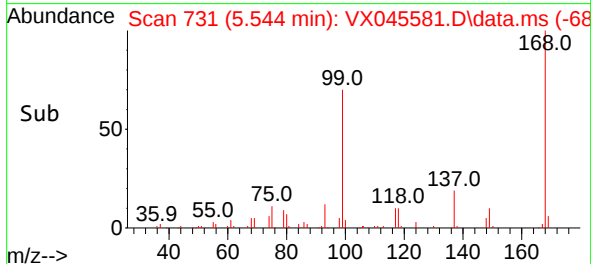
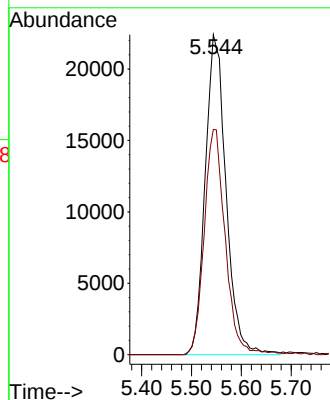
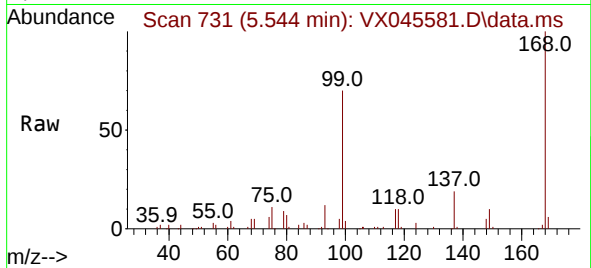




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

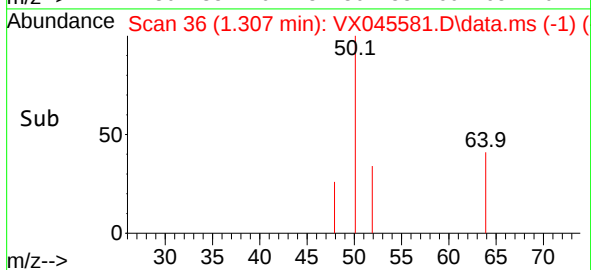
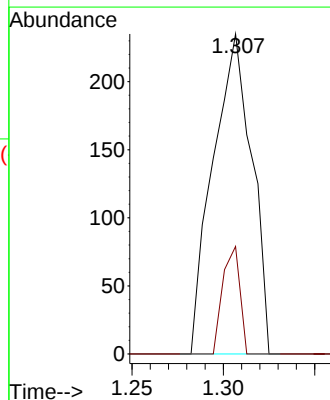
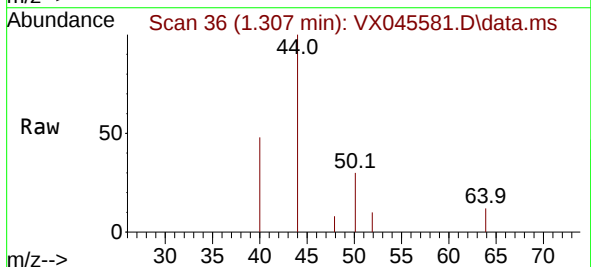
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

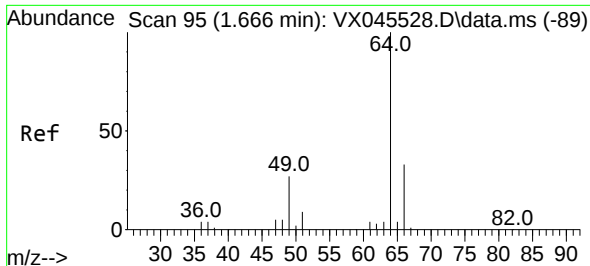
Tgt Ion:168 Resp: 65062
Ion Ratio Lower Upper
168 100
99 70.4 52.3 78.5



#3
Chloromethane
Concen: 0.346 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

Tgt Ion: 50 Resp: 346
Ion Ratio Lower Upper
50 100
52 33.6 25.9 38.9

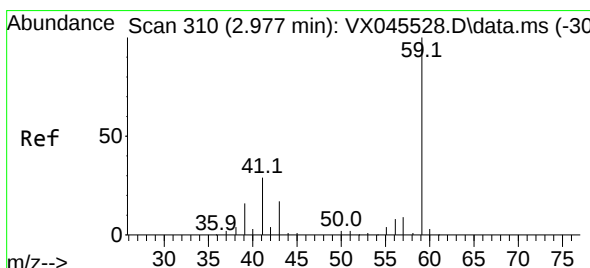
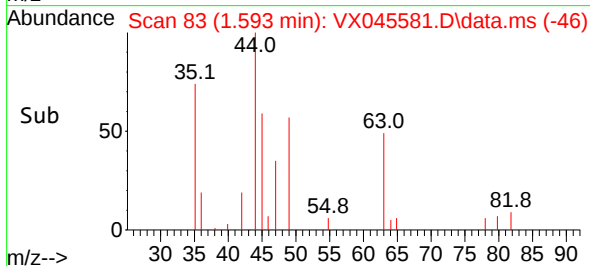
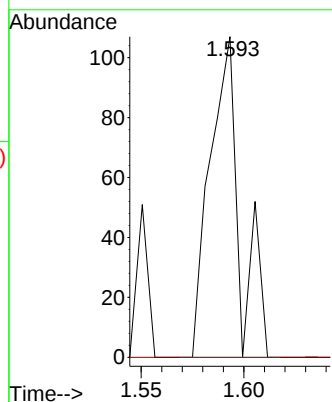
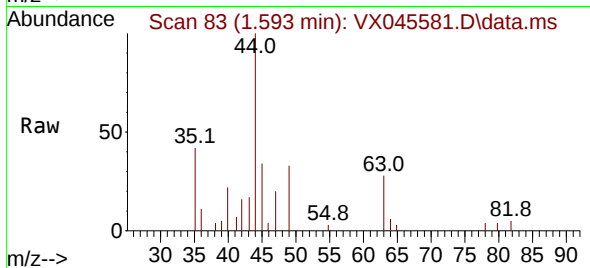




#6
Chloroethane
Concen: 0.223 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.073 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

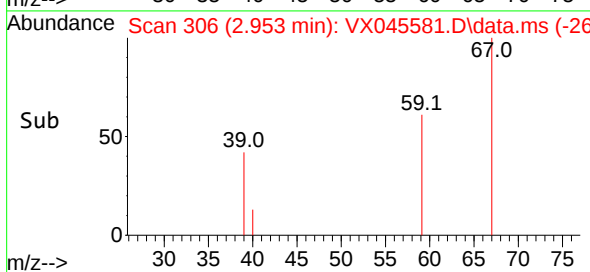
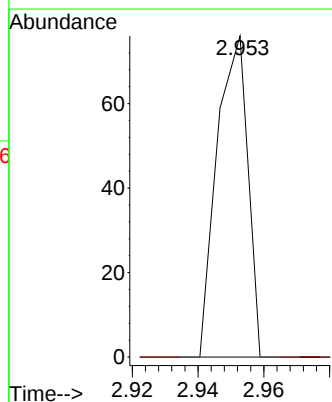
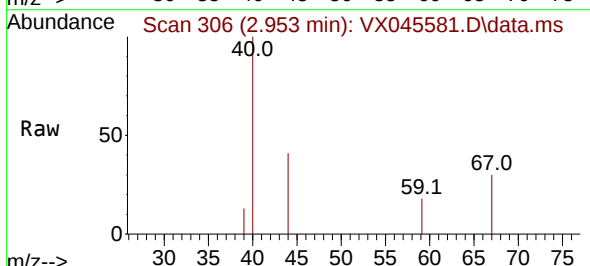
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

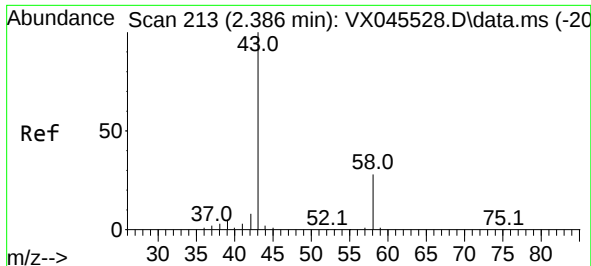
Tgt Ion: 64 Resp: 108
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#11
Tert butyl alcohol
Concen: 0.306 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

Tgt Ion: 59 Resp: 49
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

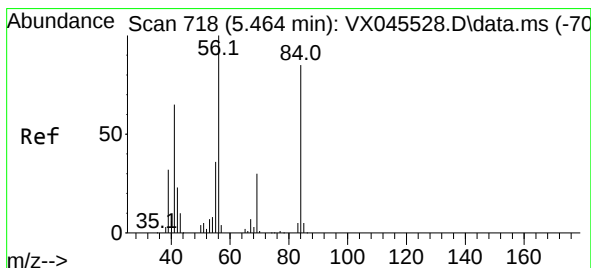
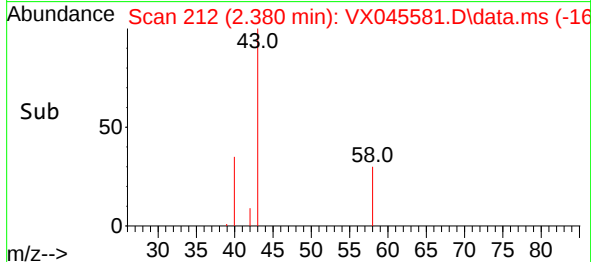
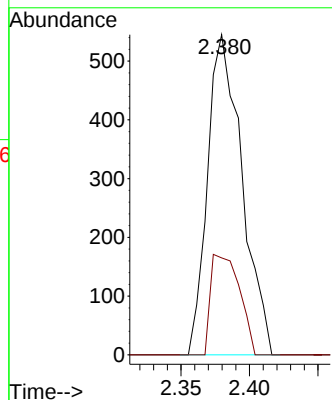
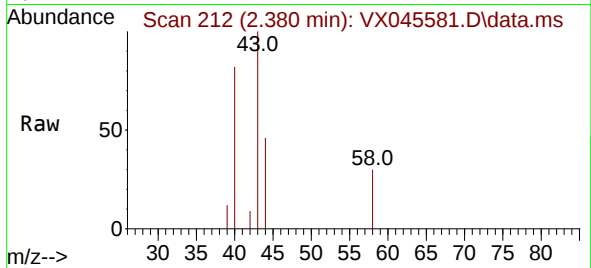




#16
Acetone
Concen: 1.949 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

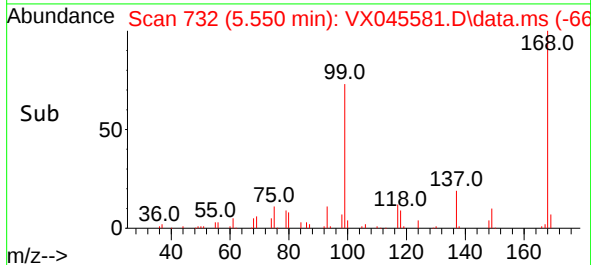
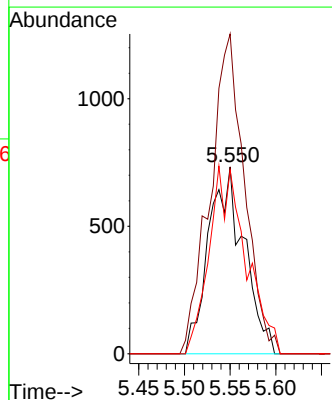
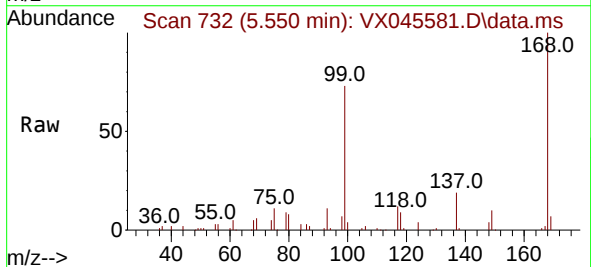
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

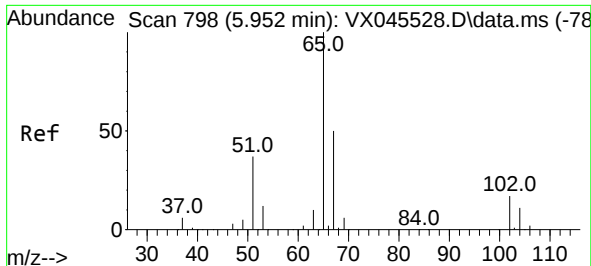
Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 30.3 22.3 33.5



#31
Cyclohexane
Concen: 1.352 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

Tgt Ion: 56 Resp: 1973
Ion Ratio Lower Upper
56 100
69 171.1 23.6 35.4#
84 98.5 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 54.885 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045581.D

Acq: 03 Apr 2025 19:06

Instrument :

MSVOA_X

ClientSampleId :

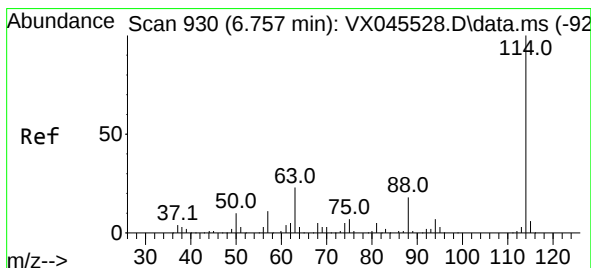
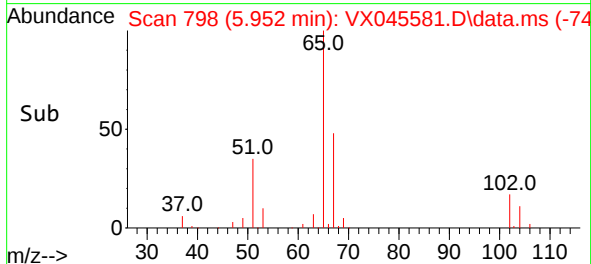
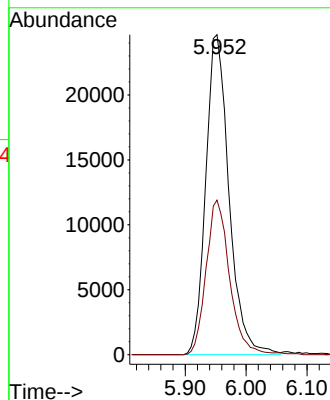
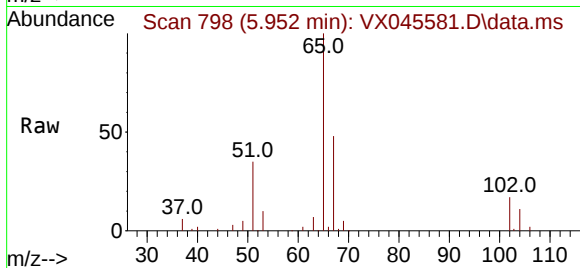
Storage-Blank-WATER-REF-5

Tgt Ion: 65 Resp: 65303

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: VX045581.D

Acq: 03 Apr 2025 19:06

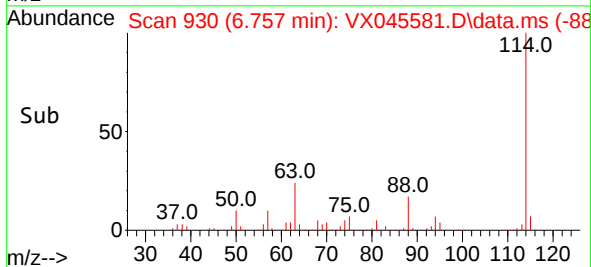
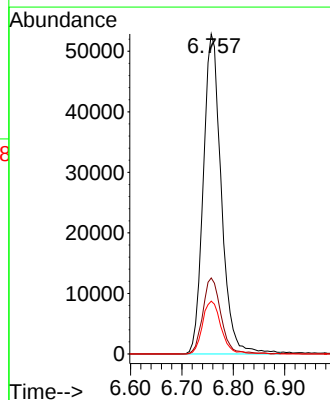
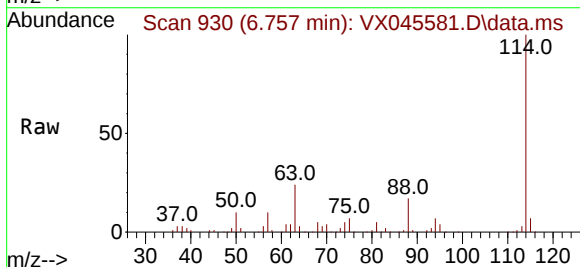
Tgt Ion: 114 Resp: 128448

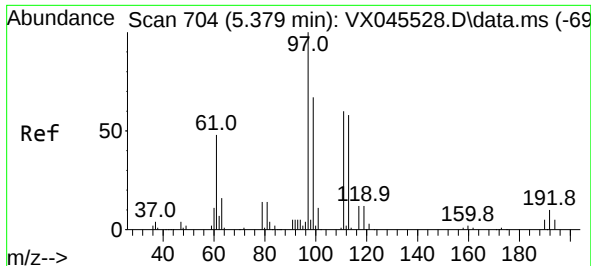
Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.8

88 16.5 0.0 35.4

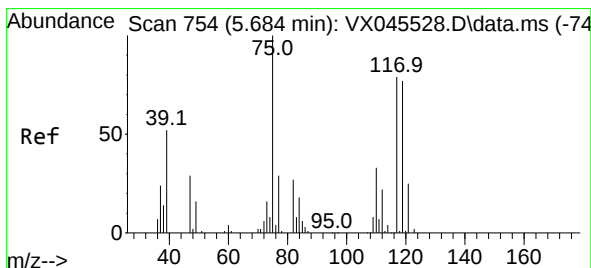
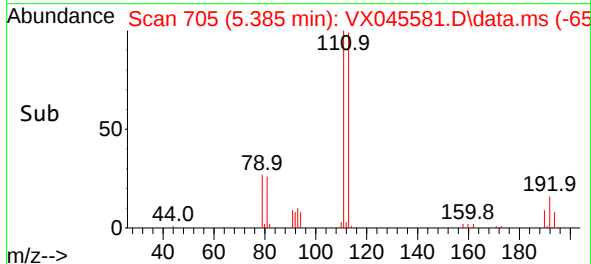
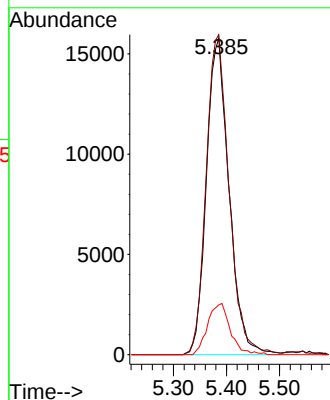
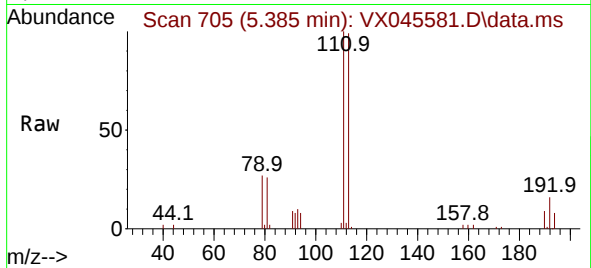




#35
Dibromofluoromethane
Concen: 51.259 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

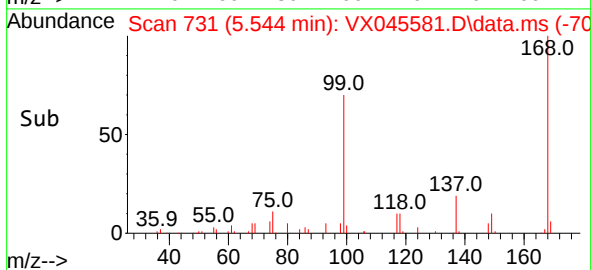
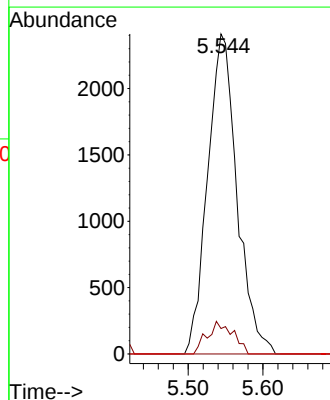
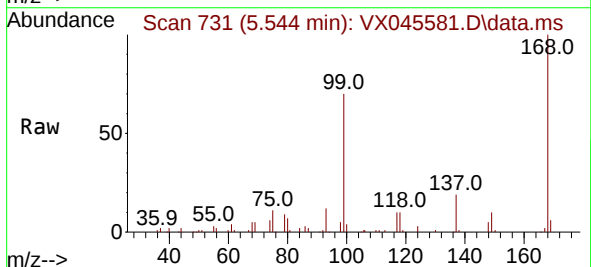
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

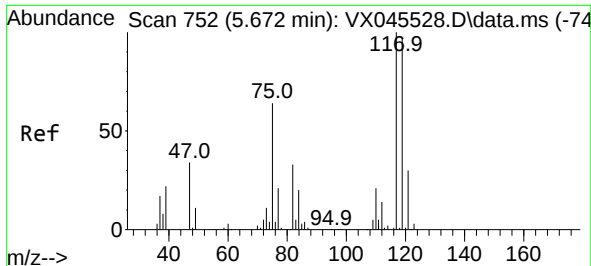
Tgt Ion:113 Resp: 46714
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 16.3 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.361 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

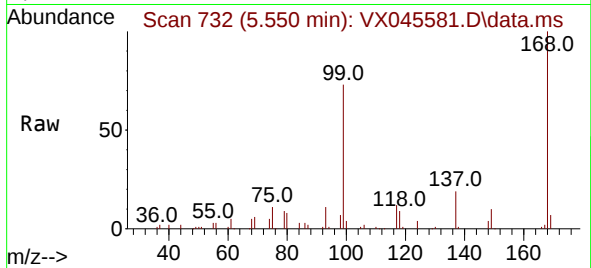
Tgt Ion: 75 Resp: 6597
Ion Ratio Lower Upper
75 100
110 8.9 16.9 50.6#
77 0.0 25.0 37.4#



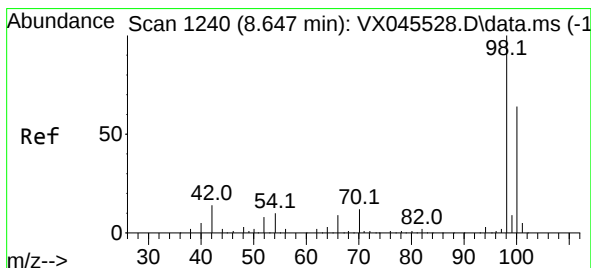
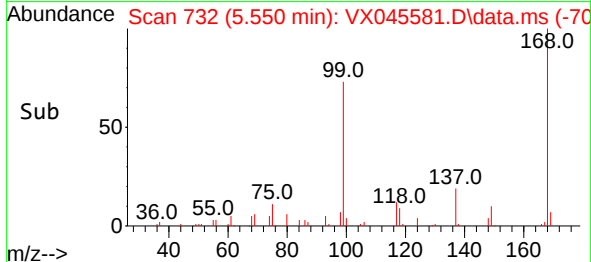
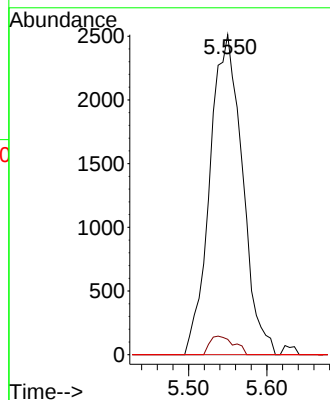


#38
Carbon Tetrachloride
Concen: 5.452 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

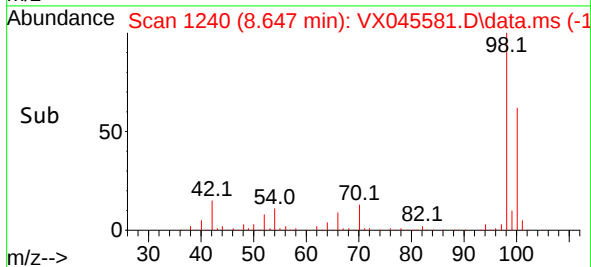
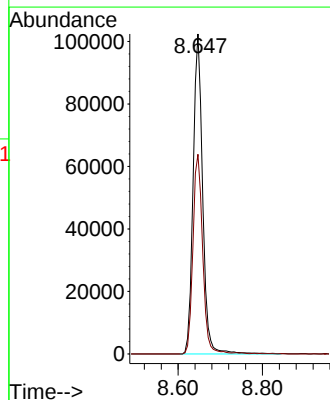
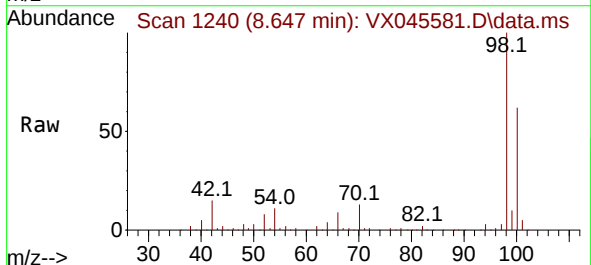


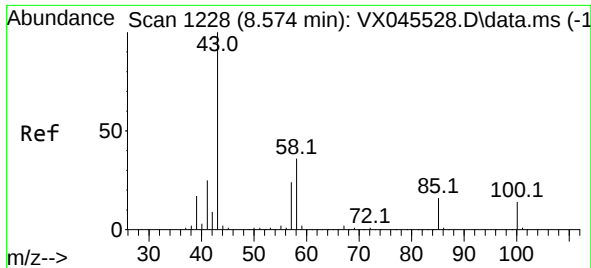
Tgt Ion:117 Resp: 7251
Ion Ratio Lower Upper
117 100
119 4.8 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.684 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

Tgt Ion: 98 Resp: 161223
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4

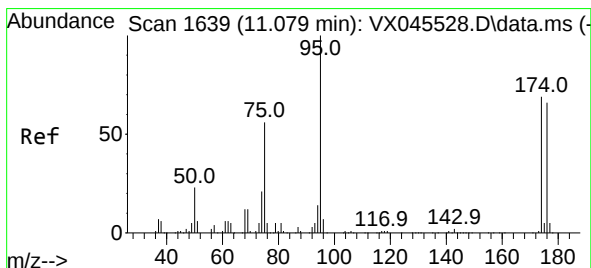
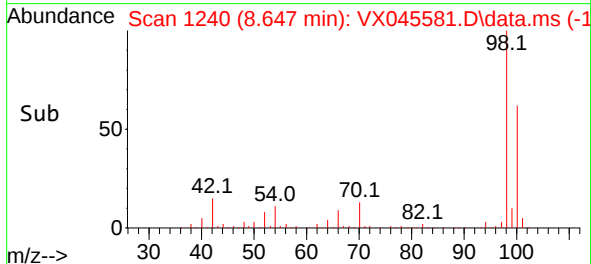
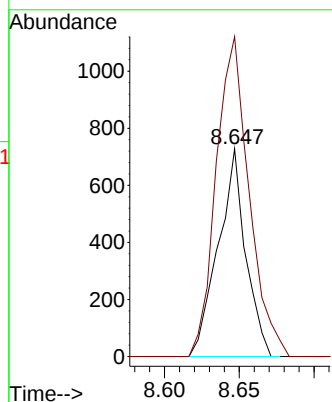
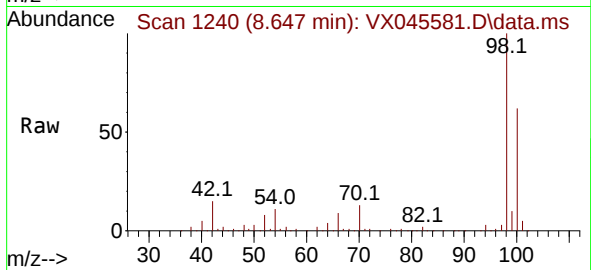




#51
4-Methyl-2-Pentanone
Concen: 0.598 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

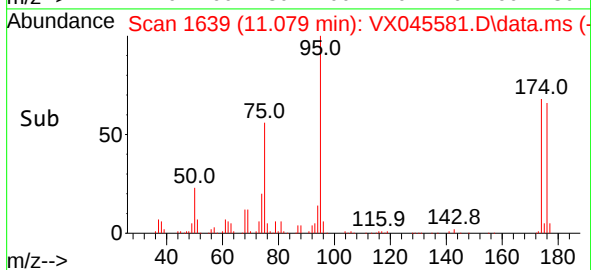
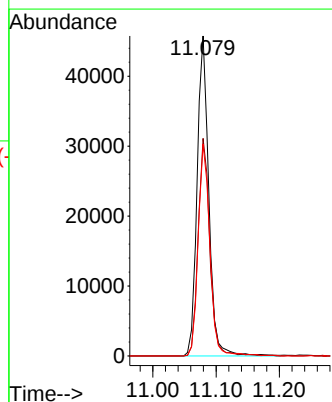
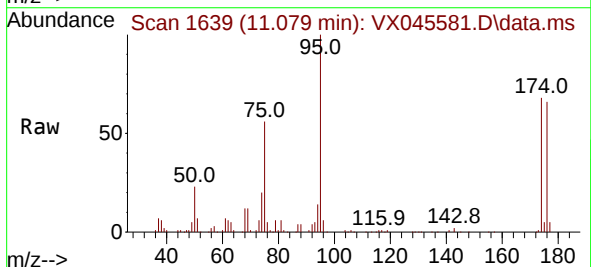
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

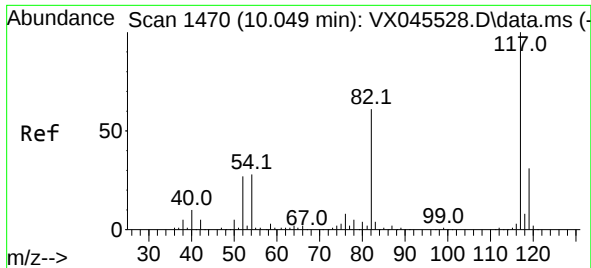
Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 184.3 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 50.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

Tgt Ion: 95 Resp: 59011
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 66.4 0.0 131.4

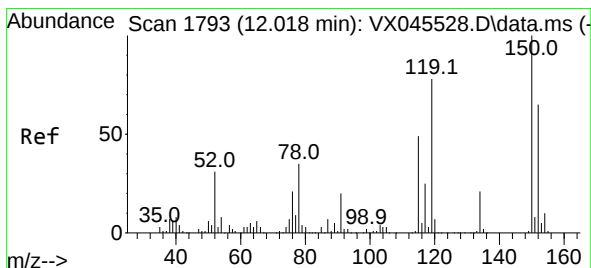
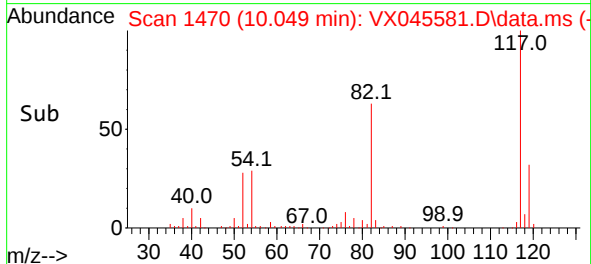
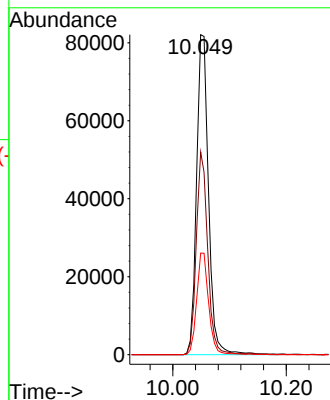
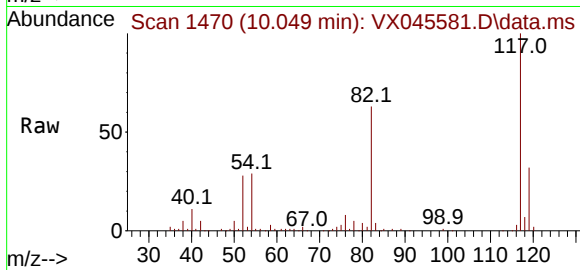




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

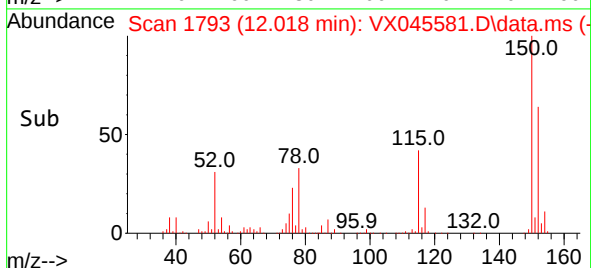
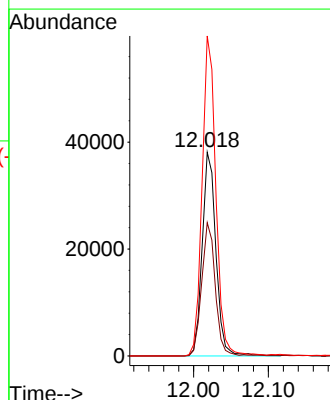
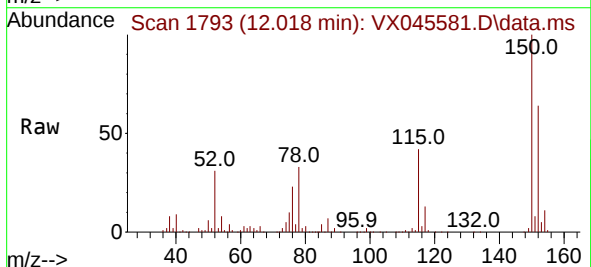
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

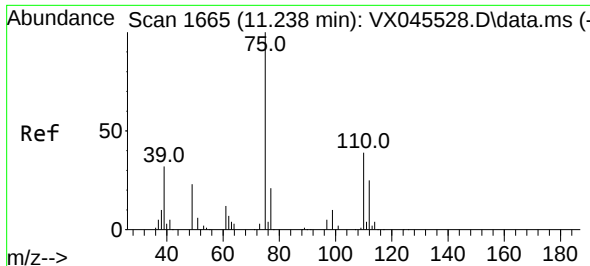
Tgt Ion:117 Resp: 120205
Ion Ratio Lower Upper
117 100
82 63.3 49.2 73.8
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

Tgt Ion:152 Resp: 48761
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 156.9 0.0 349.4

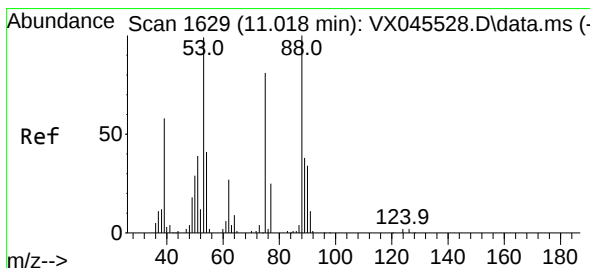
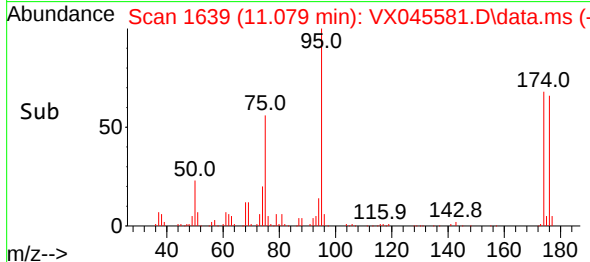
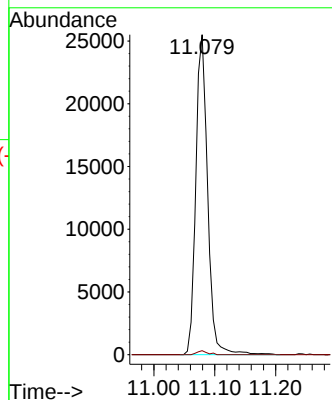
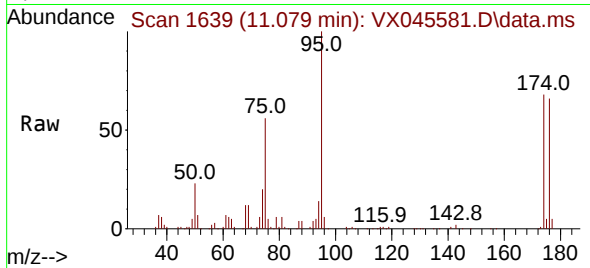




#76
1,2,3-Trichloropropane
Concen: 28.846 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

Instrument : MSVOA_X
ClientSampleId : Storage-Blank-WATER-REF-5

Tgt Ion: 75 Resp: 34309
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.899 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045581.D
Acq: 03 Apr 2025 19:06

Tgt Ion: 75 Resp: 34309
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

