

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045265.D
 Acq On : 13 Mar 2025 13:37
 Operator : JC/MD
 Sample : Q1526-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Mar 14 12:28:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

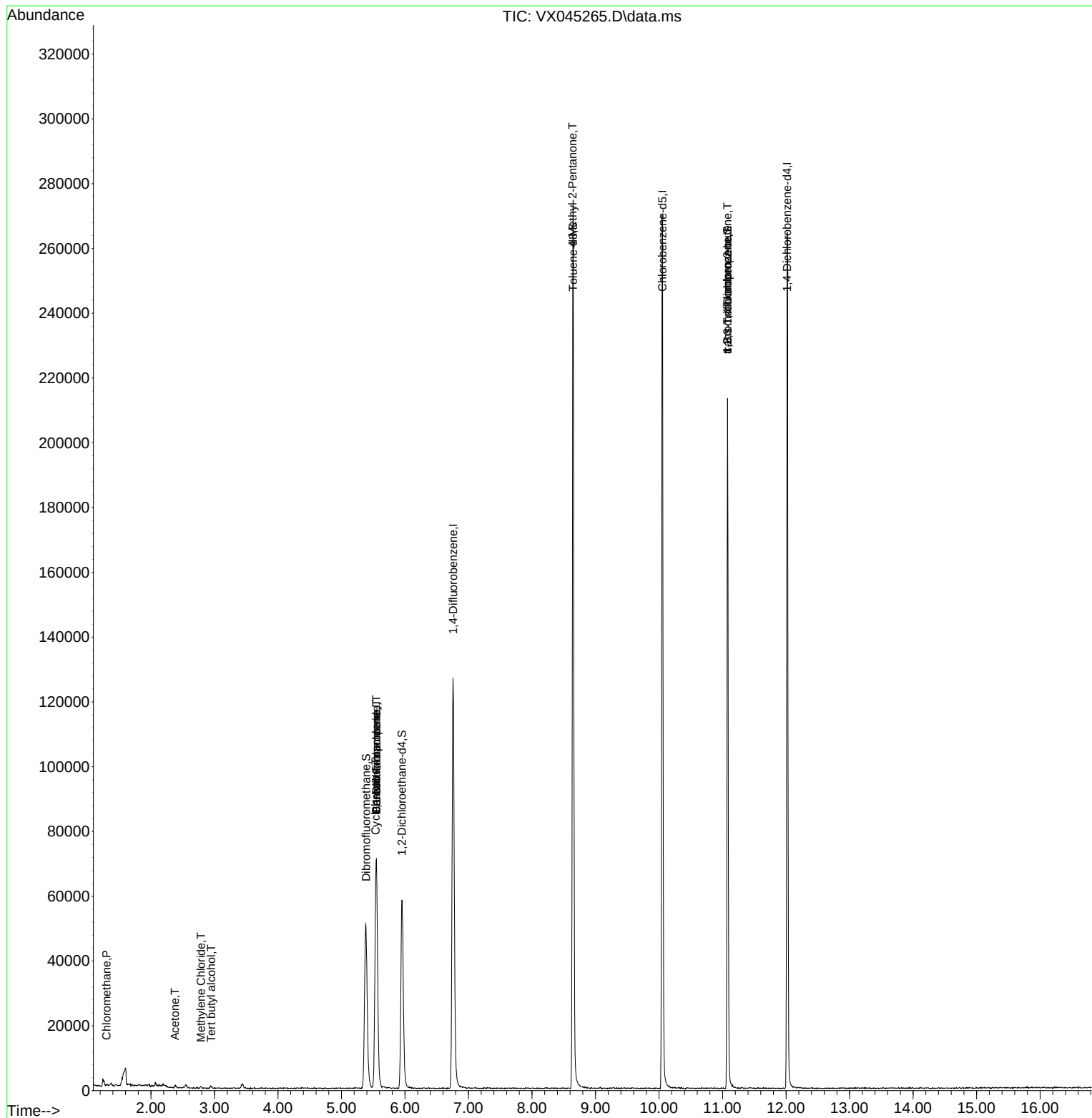
Internal Standards						
1) Pentafluorobenzene	5.550	168	64762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56789	55.128	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.260%	
35) Dibromofluoromethane	5.385	113	44638	52.646	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.300%	
50) Toluene-d8	8.647	98	159606	51.923	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.840%	
62) 4-Bromofluorobenzene	11.079	95	54324	53.332	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	627	0.628	ug/l	92
11) Tert butyl alcohol	2.947	59	249	1.276	ug/l #	73
16) Acetone	2.380	43	948	1.983	ug/l	94
20) Methylene Chloride	2.788	84	283	0.299	ug/l #	64
31) Cyclohexane	5.538	56	1952	1.393	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	6142	5.282	ug/l #	51
38) Carbon Tetrachloride	5.550	117	6966	5.901	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	774	0.520	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30883	25.941	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30883	88.776	ug/l #	6

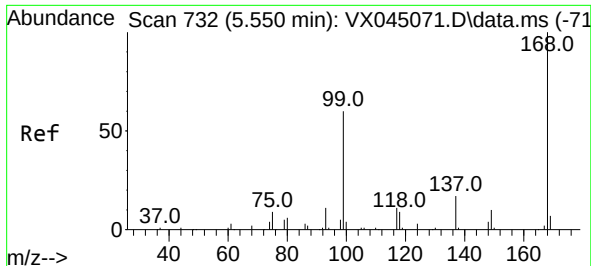
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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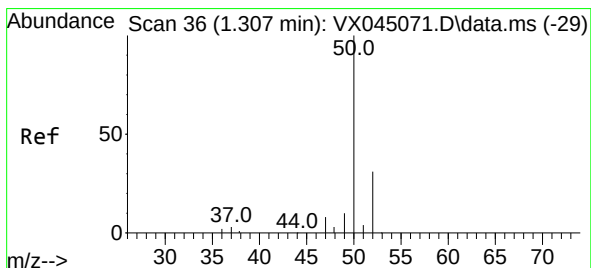
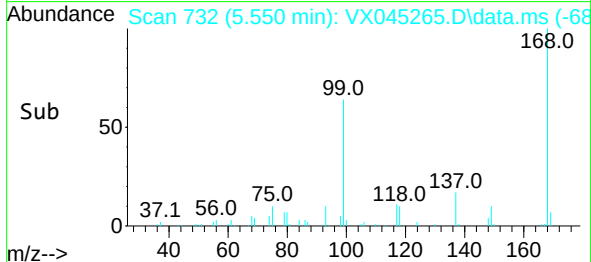
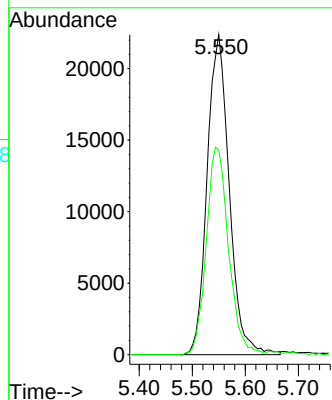
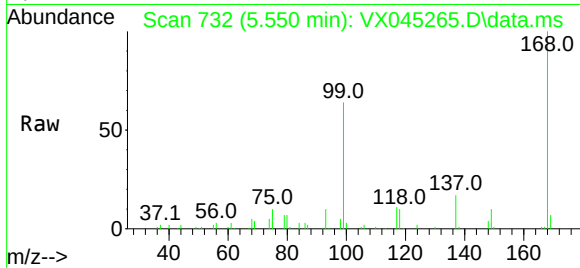




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

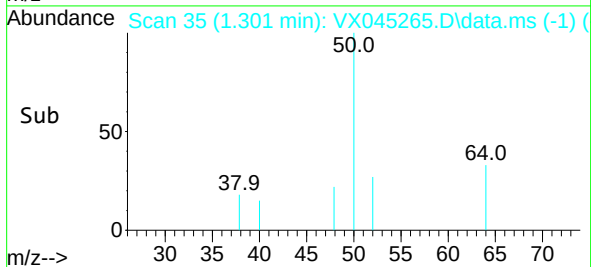
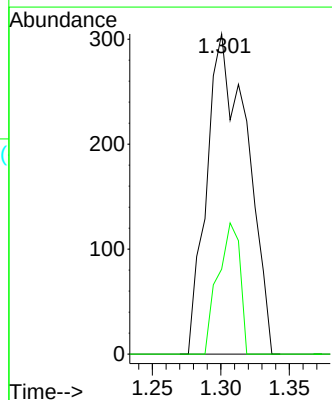
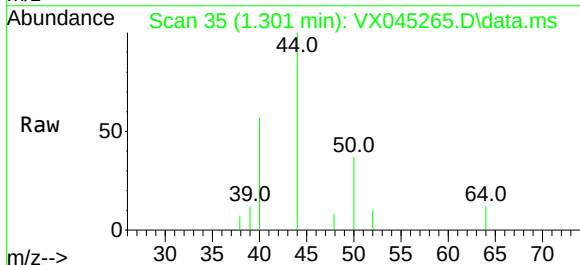
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-WATER-REF-4

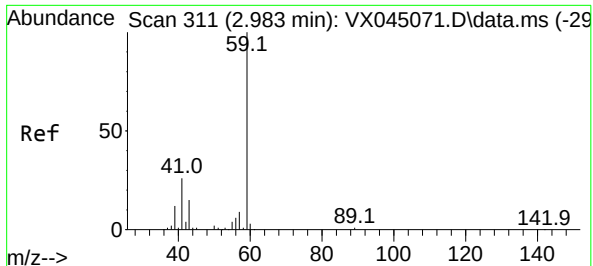
Tgt Ion:168 Resp: 64762
Ion Ratio Lower Upper
168 100
99 63.9 48.2 72.4



#3
Chloromethane
Concen: 0.628 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 26.6 25.0 37.4

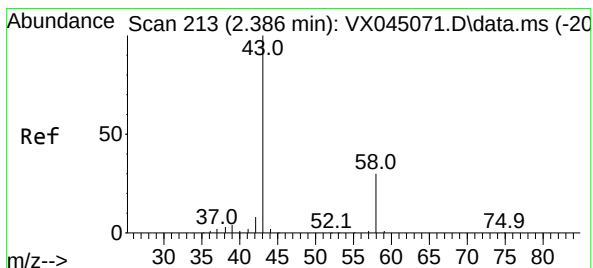
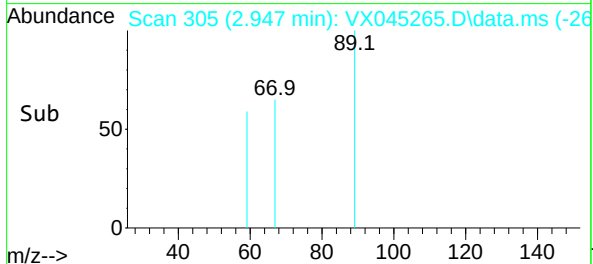
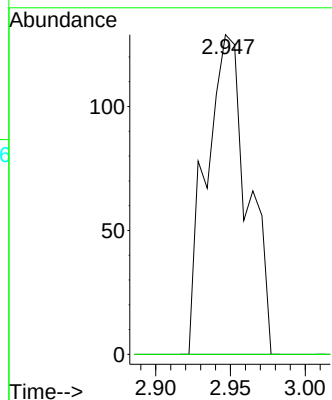
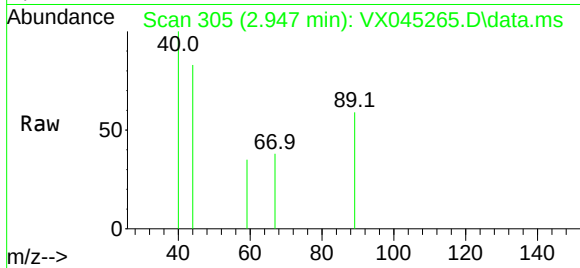




#11
Tert butyl alcohol
Concen: 1.276 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

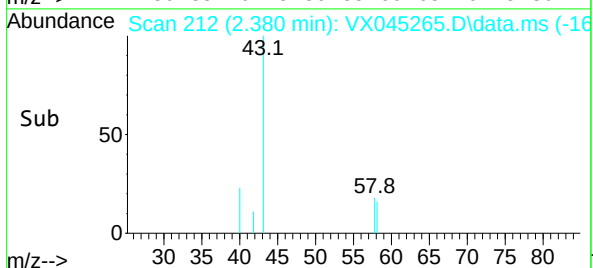
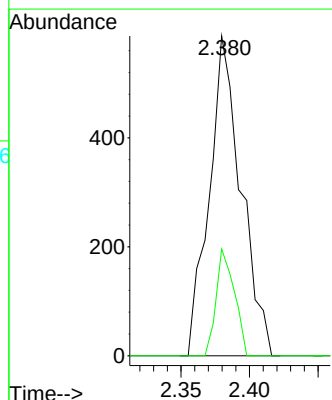
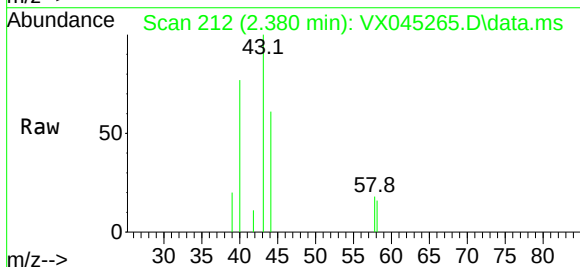
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-WATER-REF-4

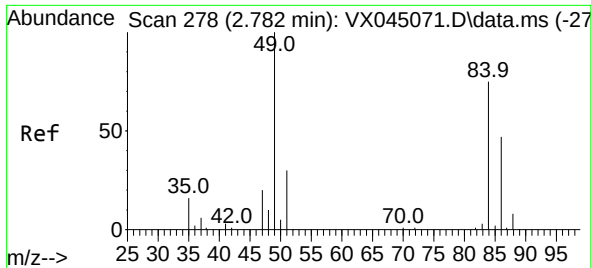
Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.983 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 33.4 24.2 36.4

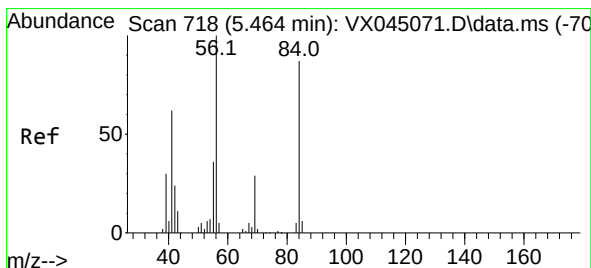
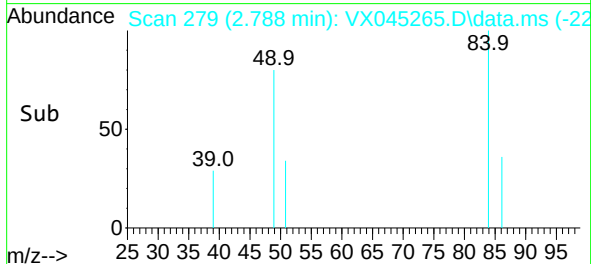
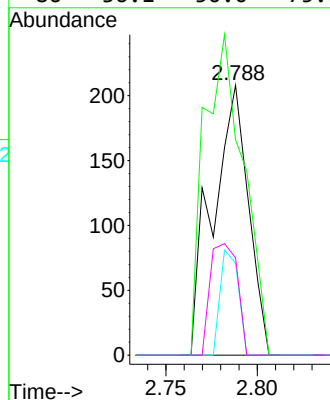
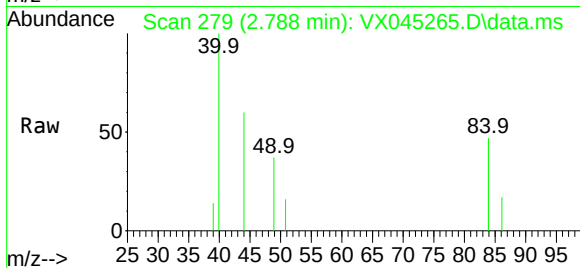




#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

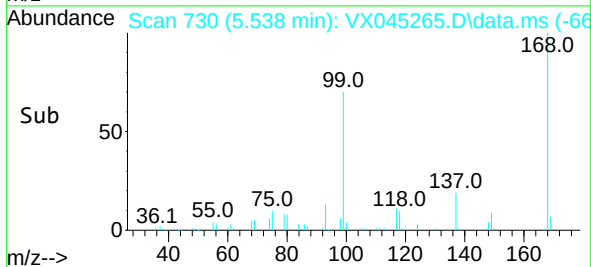
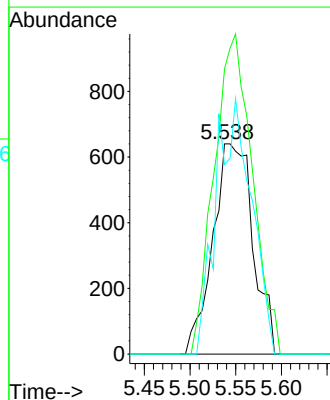
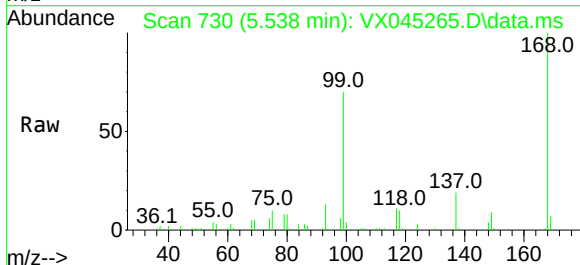
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

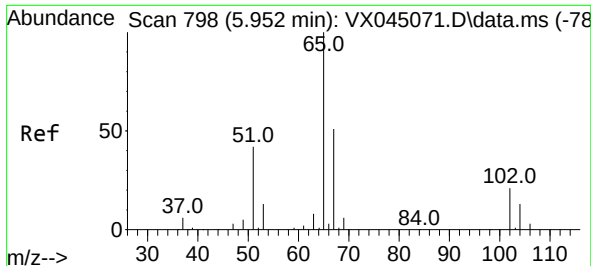
Tgt Ion: 84	Resp: 283
Ion Ratio	Lower Upper
84 100	
49 79.8	106.5 159.7#
51 34.1	32.1 48.1
86 36.1	50.0 75.0#



#31
Cyclohexane
Concen: 1.393 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

Tgt Ion: 56	Resp: 1952
Ion Ratio	Lower Upper
56 100	
69 135.8	23.4 35.2#
84 90.3	69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 55.128 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045265.D

Acq: 13 Mar 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

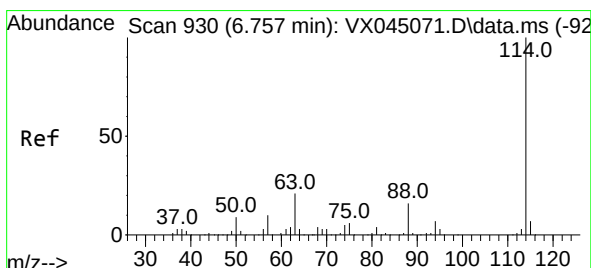
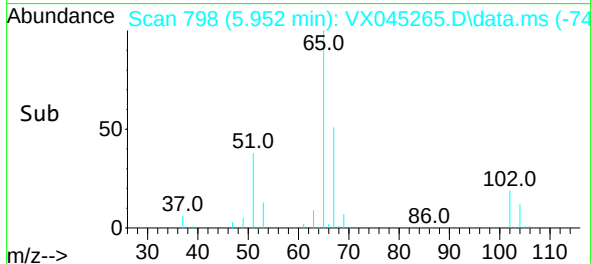
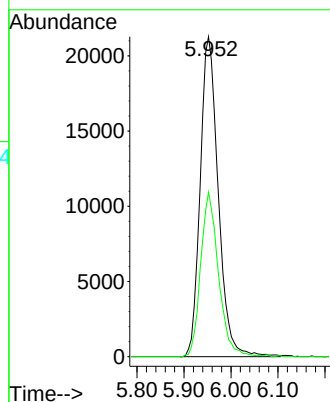
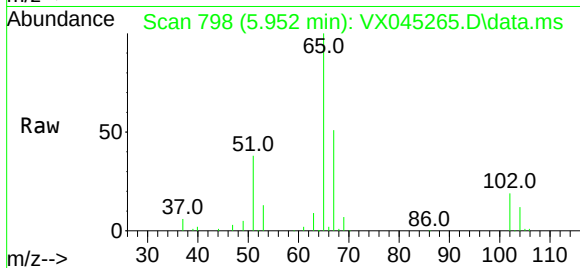
Storage-Blank-WATER-REF-4

Tgt Ion: 65 Resp: 56789

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045265.D

Acq: 13 Mar 2025 13:37

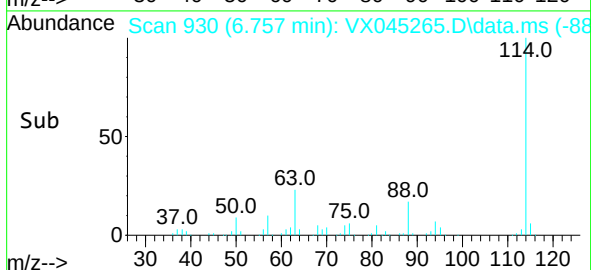
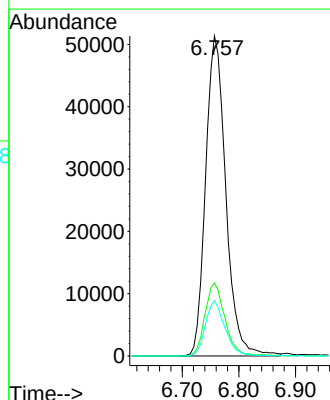
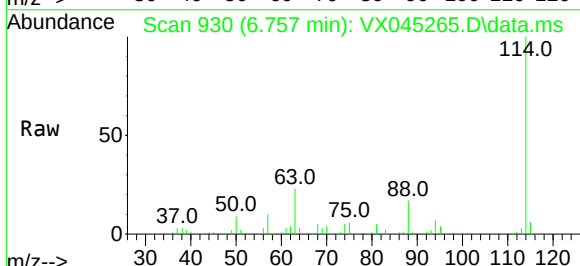
Tgt Ion: 114 Resp: 126801

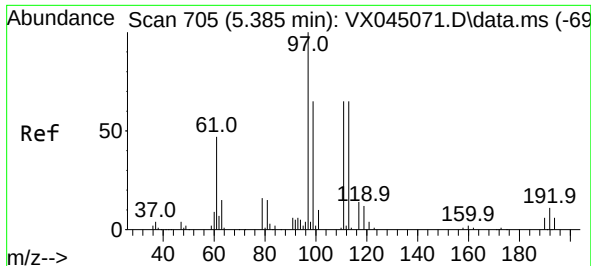
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 17.3 0.0 32.8

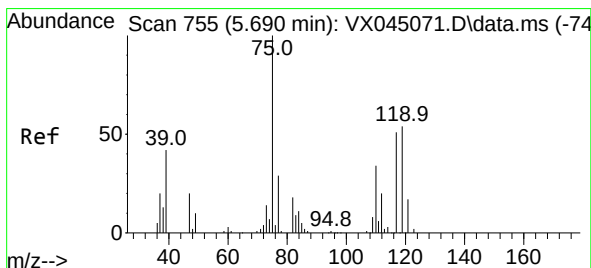
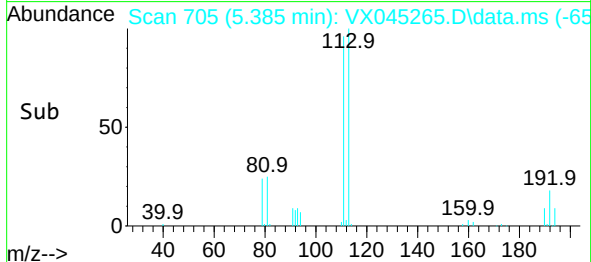
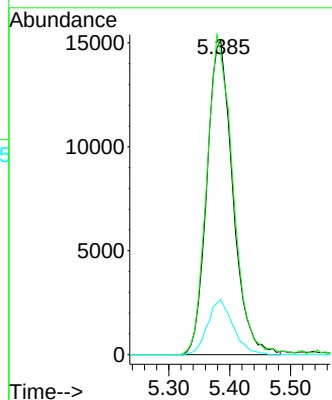
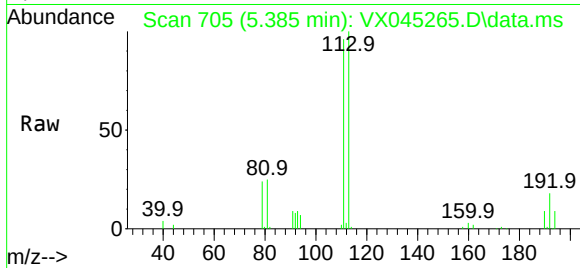




#35
Dibromofluoromethane
Concen: 52.646 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

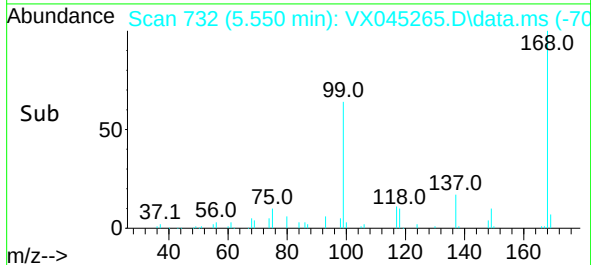
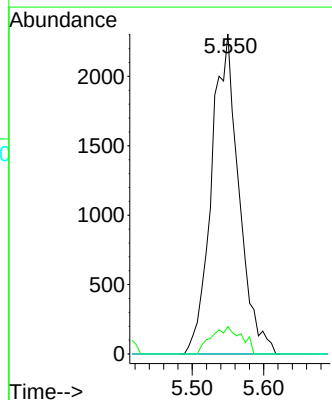
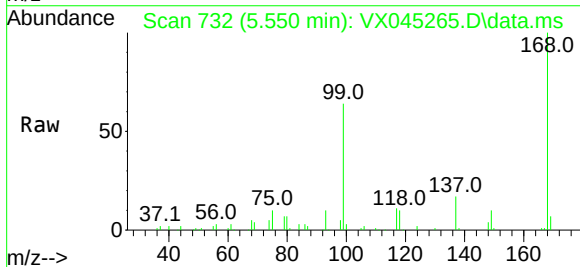
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

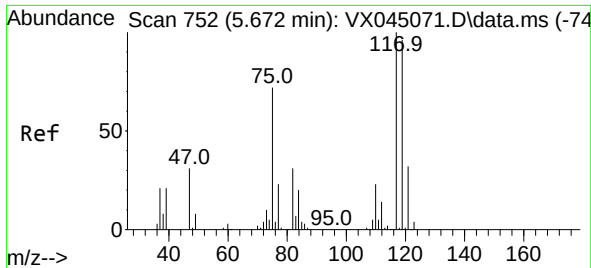
Tgt Ion:113 Resp: 44638
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.6
192 17.2 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.282 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

Tgt Ion: 75 Resp: 6142
Ion Ratio Lower Upper
75 100
110 9.4 16.9 50.6#
77 0.0 24.5 36.7#

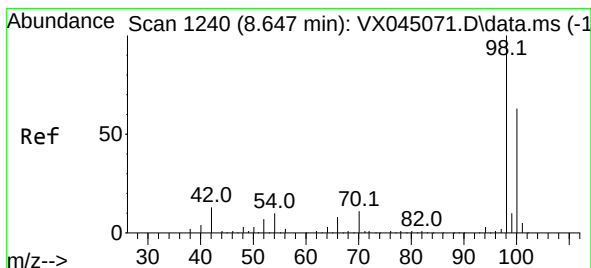
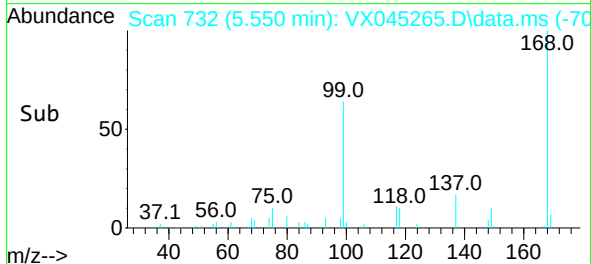
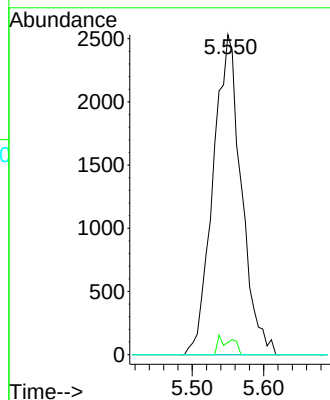
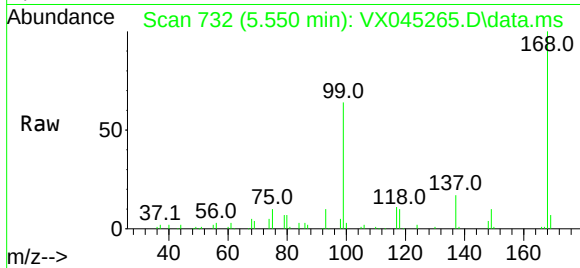




#38
Carbon Tetrachloride
Concen: 5.901 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

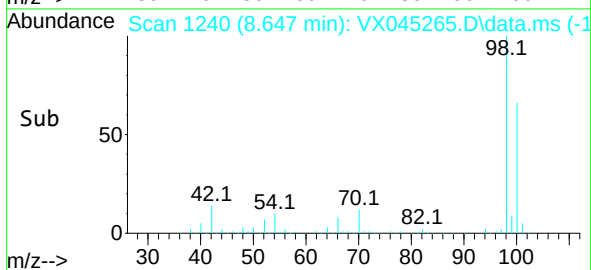
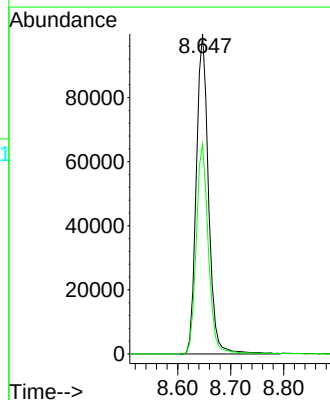
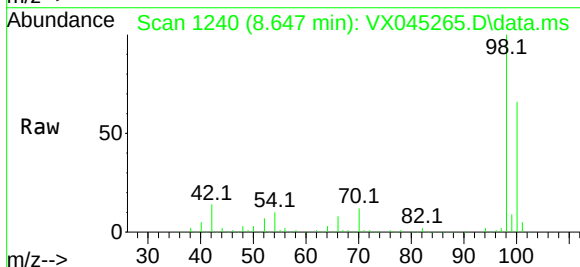
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

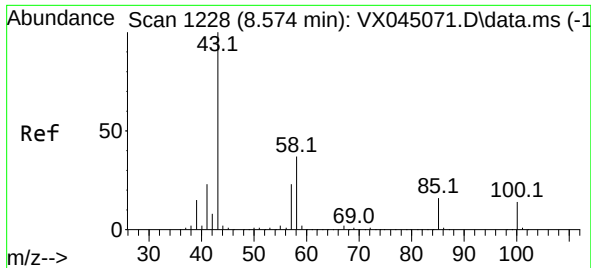
Tgt Ion:117 Resp: 6966
Ion Ratio Lower Upper
117 100
119 3.9 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.923 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

Tgt Ion: 98 Resp: 159606
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.520 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX045265.D

Acq: 13 Mar 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

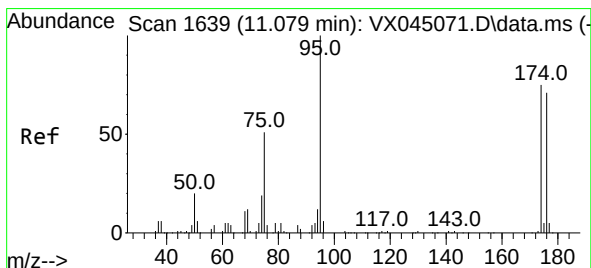
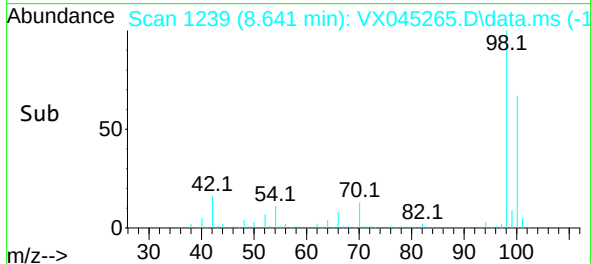
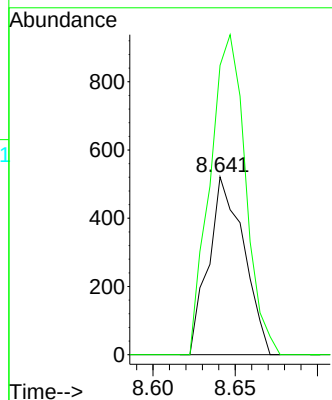
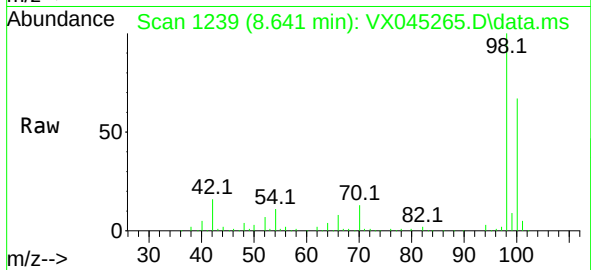
Storage-Blank-WATER-REF-4

Tgt Ion: 43 Resp: 774

Ion Ratio Lower Upper

43 100

58 181.8 29.2 43.8#



#62

4-Bromofluorobenzene

Concen: 53.332 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045265.D

Acq: 13 Mar 2025 13:37

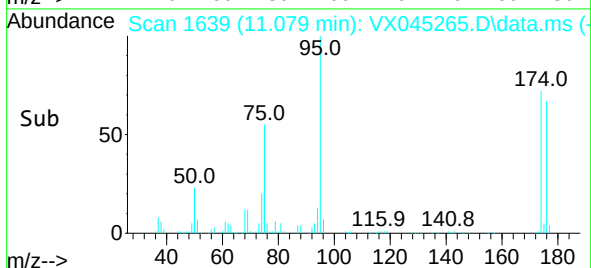
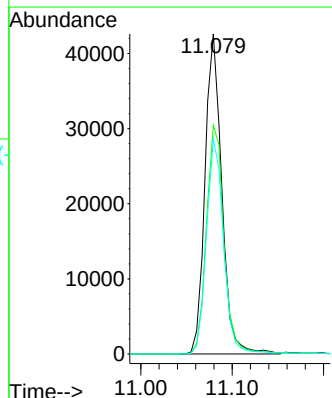
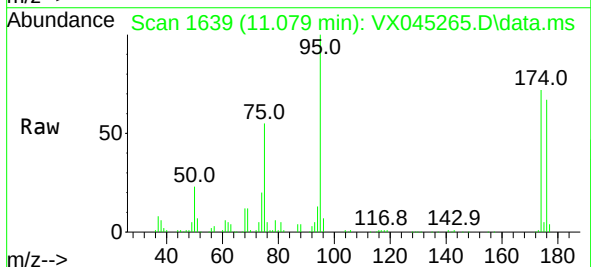
Tgt Ion: 95 Resp: 54324

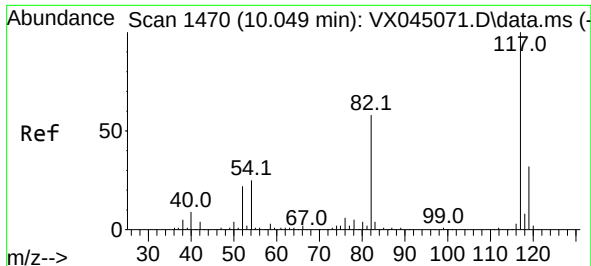
Ion Ratio Lower Upper

95 100

174 74.8 0.0 148.2

176 69.1 0.0 141.4

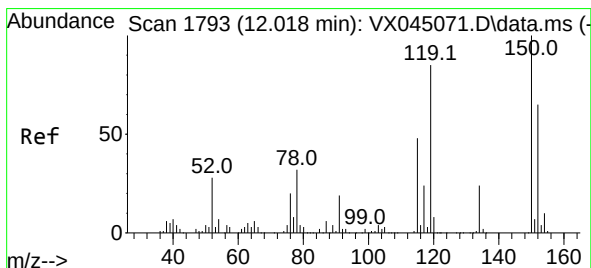
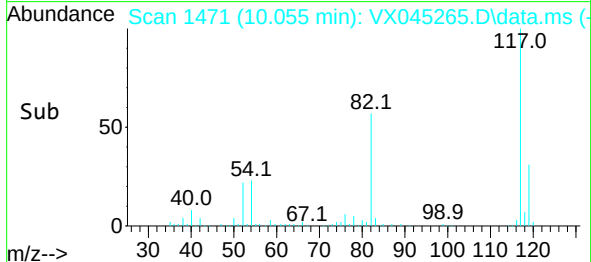
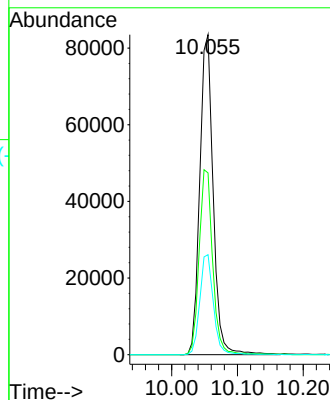
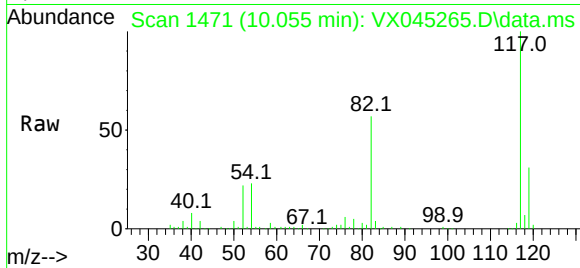




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

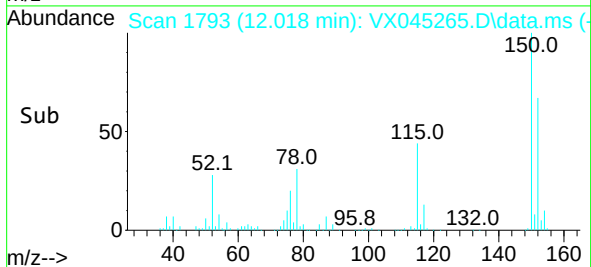
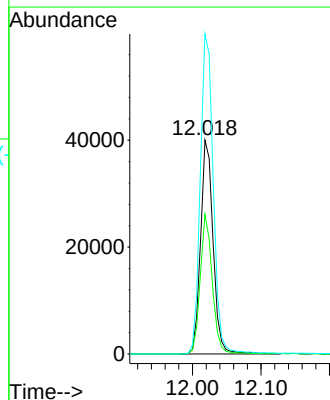
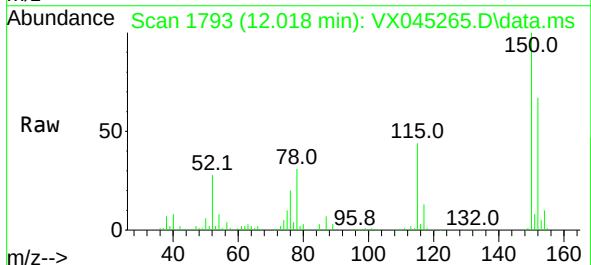
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

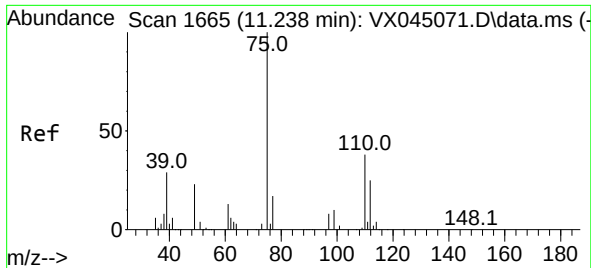
Tgt Ion:117 Resp: 117950
Ion Ratio Lower Upper
117 100
82 56.8 46.3 69.5
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

Tgt Ion:152 Resp: 51149
Ion Ratio Lower Upper
152 100
115 62.8 44.2 132.6
150 154.8 0.0 349.0

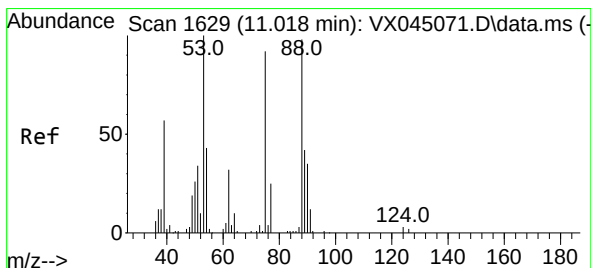
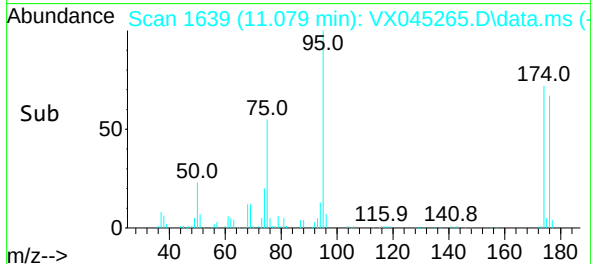
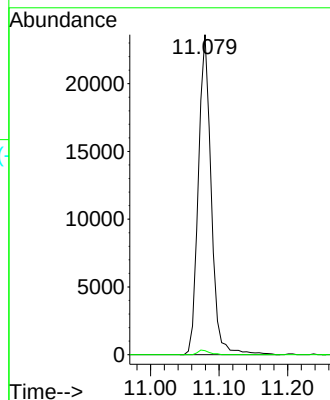
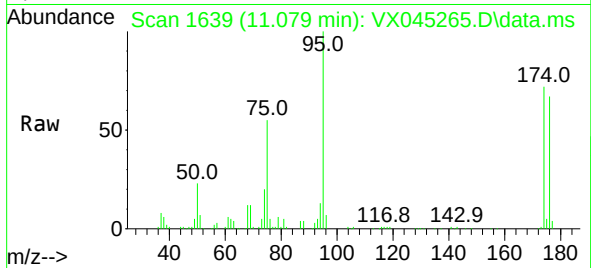




#76
1,2,3-Trichloropropane
Concen: 25.941 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

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

Tgt Ion: 75 Resp: 30883
Ion Ratio Lower Upper
75 100
77 1.3 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045265.D
Acq: 13 Mar 2025 13:37

Tgt Ion: 75 Resp: 30883
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

