

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044732.D
 Acq On : 27 Jan 2025 18:23
 Operator : JC/MD
 Sample : Q1180-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jan 28 04:17:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

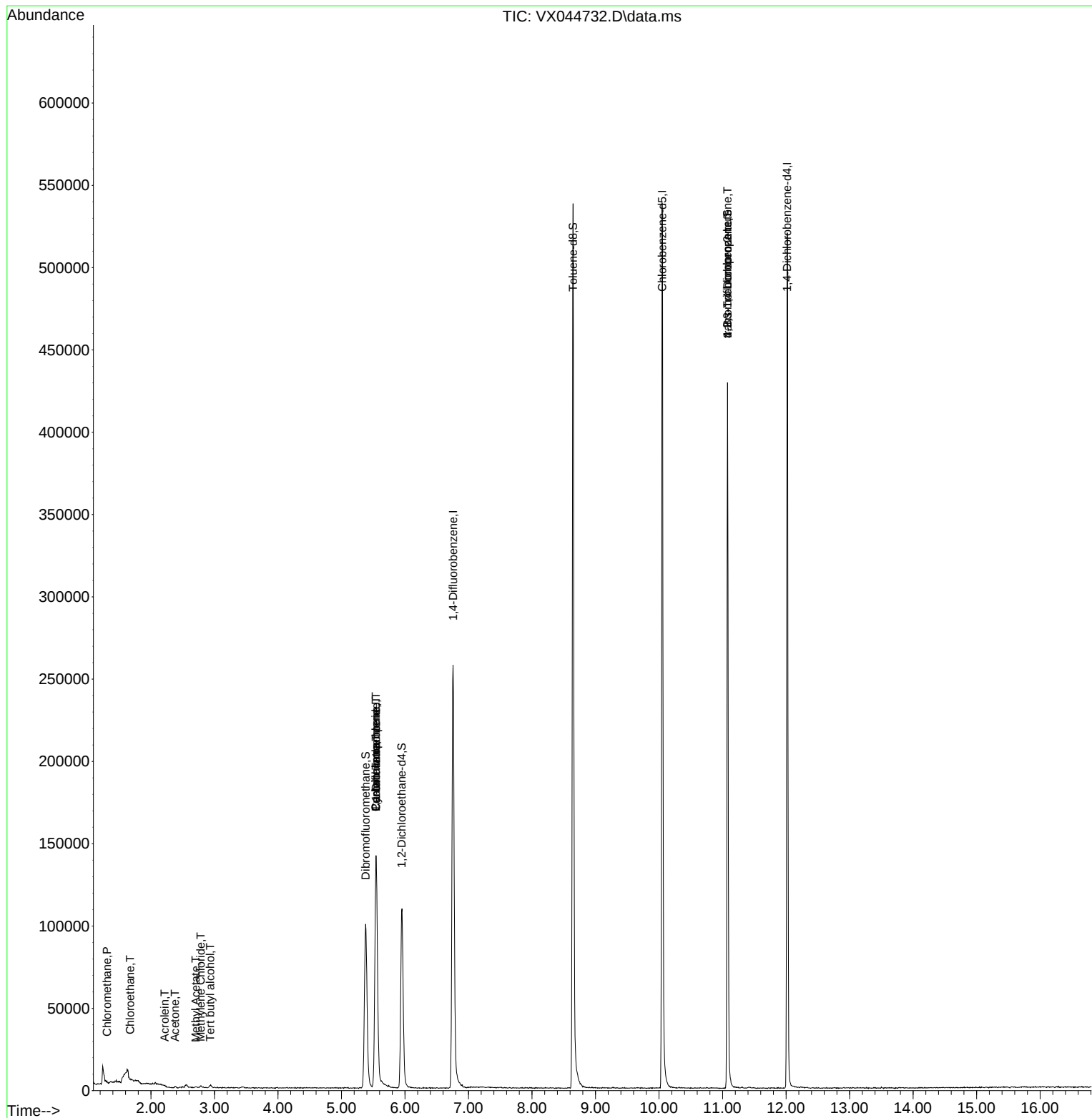
Internal Standards						
1) Pentafluorobenzene	5.544	168	139447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	282344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	252421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103047	48.957	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.920%
35) Dibromofluoromethane	5.379	113	89910	50.126	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	8.647	98	344260	55.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.080%
62) 4-Bromofluorobenzene	11.079	95	121898	52.283	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	946	0.466	ug/l #	88
6) Chloroethane	1.672	64	652	1.773	ug/l #	41
11) Tert butyl alcohol	2.934	59	519	1.106	ug/l #	85
13) Acrolein	2.215	56	68	0.308	ug/l #	15
16) Acetone	2.380	43	1163	1.397	ug/l	99
18) Methyl Acetate	2.703	43	824	0.321	ug/l #	62
20) Methylene Chloride	2.782	84	572	0.295	ug/l #	86
31) Cyclohexane	5.544	56	3197	1.206	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11374	4.555	ug/l #	48
38) Carbon Tetrachloride	5.544	117	13965	4.972	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	60096	23.416	ug/l #	31
81) trans-1,4-Dichloro-2-b...	11.079	75	60096	53.548	ug/l #	12

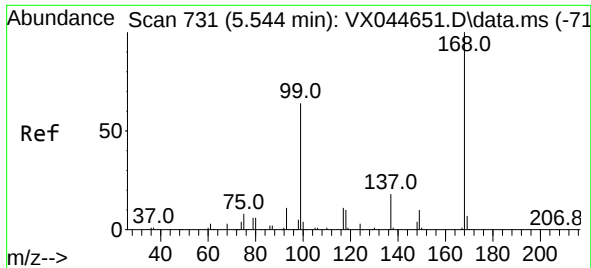
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

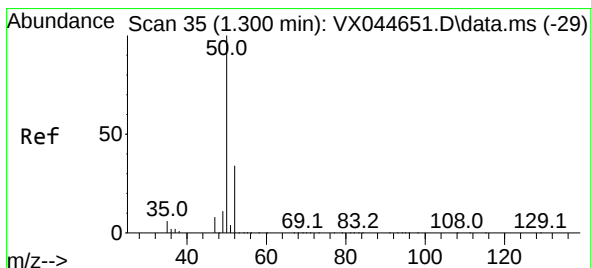
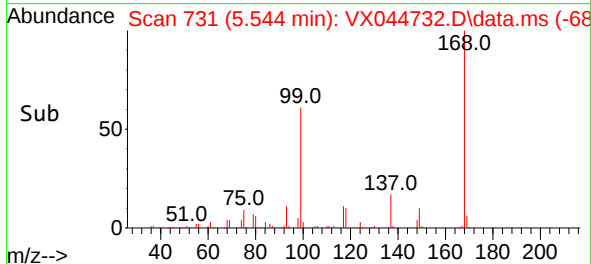
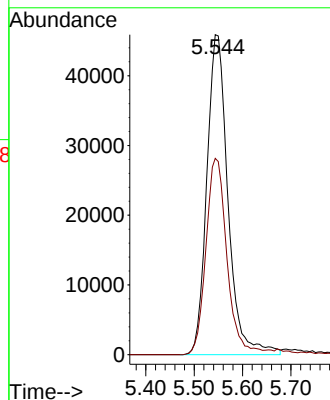
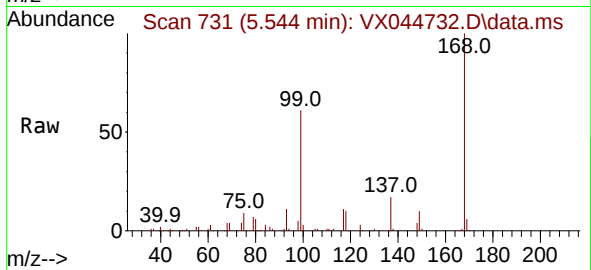




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

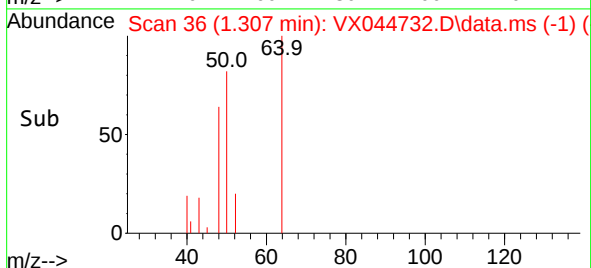
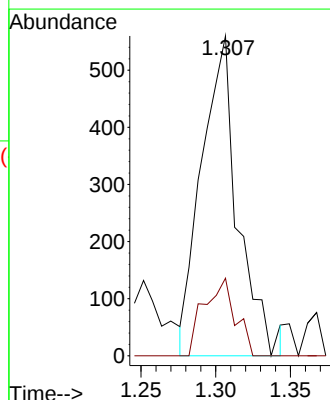
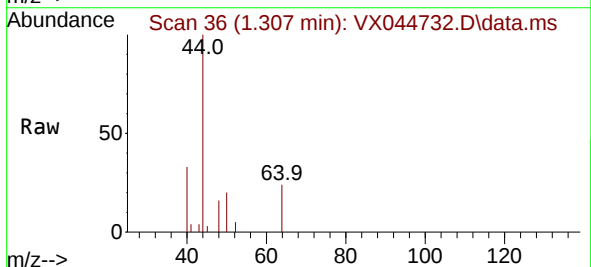
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

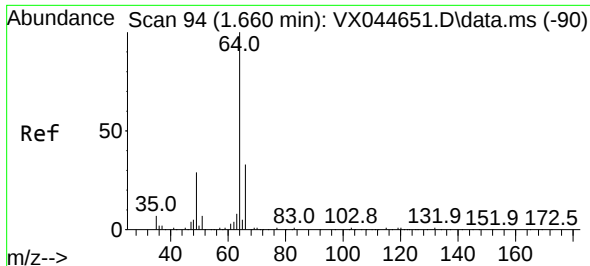
Tgt Ion:168 Resp: 139447
Ion Ratio Lower Upper
168 100
99 61.3 51.1 76.7



#3
Chloromethane
Concen: 0.466 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

Tgt Ion: 50 Resp: 946
Ion Ratio Lower Upper
50 100
52 26.7 27.0 40.4#

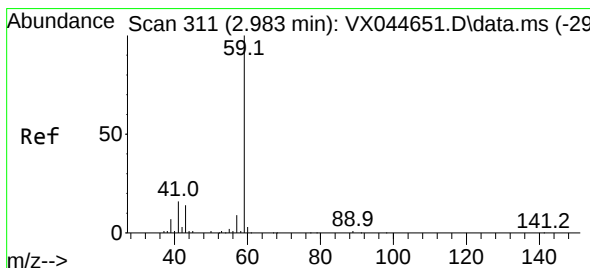
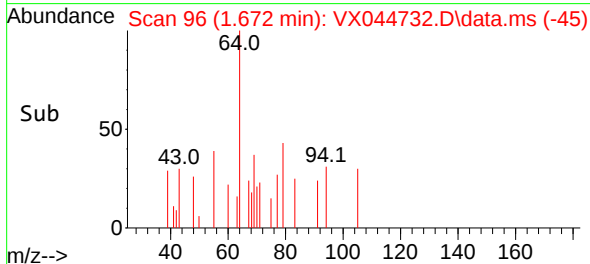
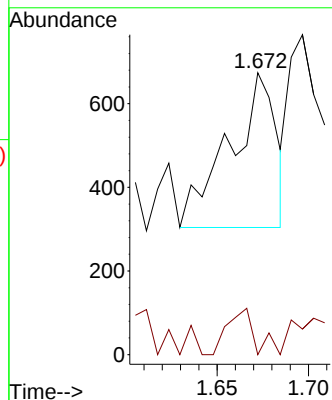
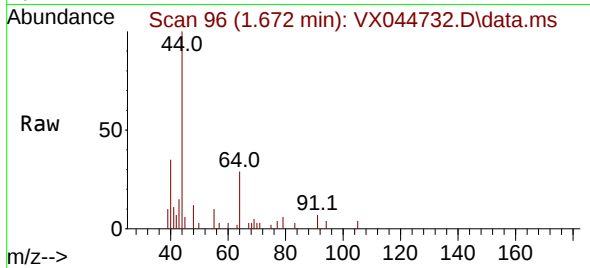




#6
Chloroethane
Concen: 1.773 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

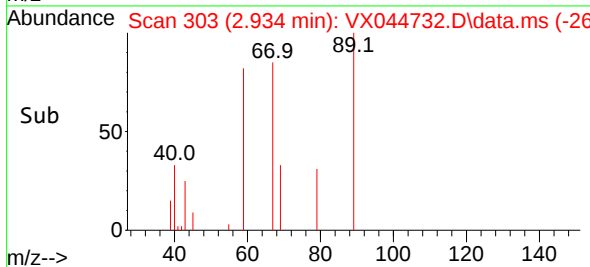
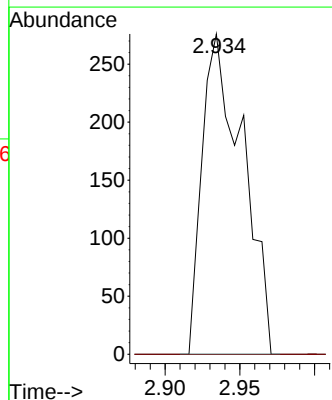
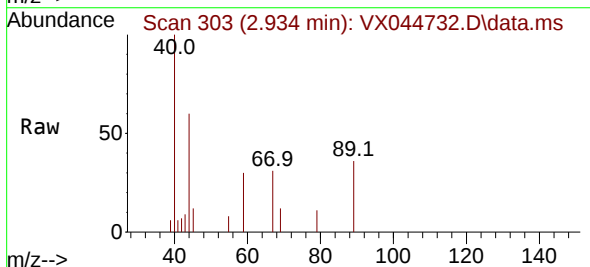
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

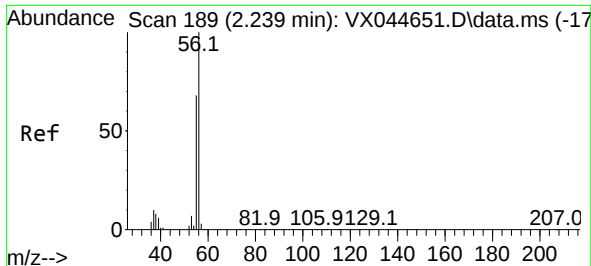
Tgt Ion: 64 Resp: 652
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 1.106 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

Tgt Ion: 59 Resp: 519
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#

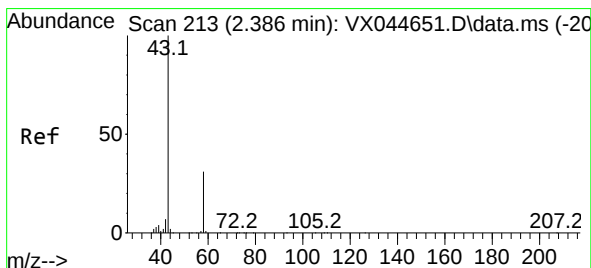
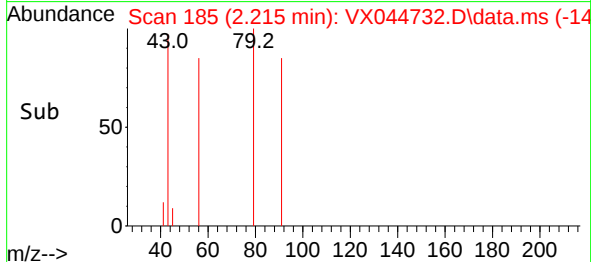
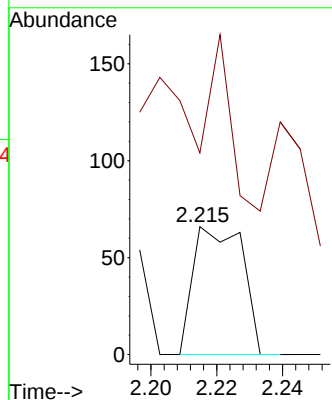
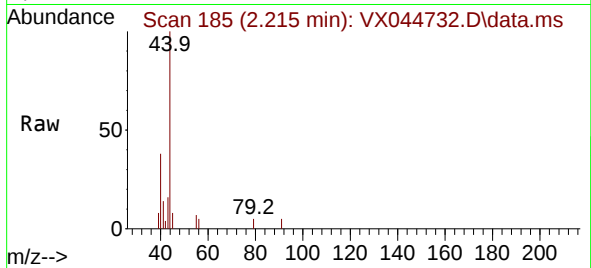




#13
Acrolein
Concen: 0.308 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

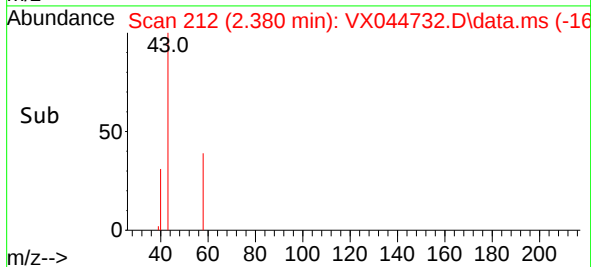
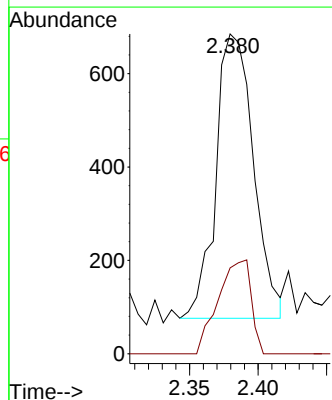
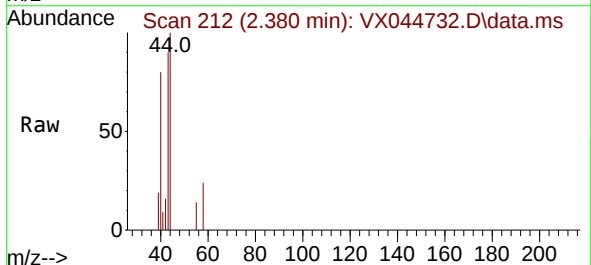
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

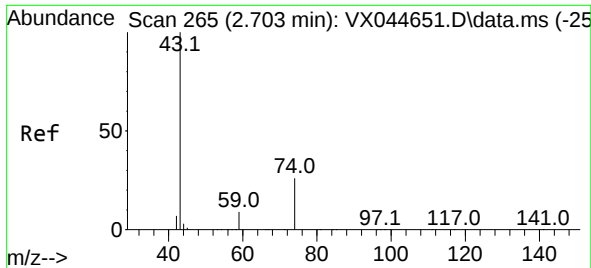
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



#16
Acetone
Concen: 1.397 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

Tgt Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
58 30.2 24.6 37.0

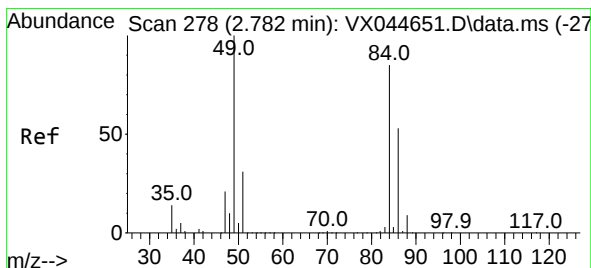
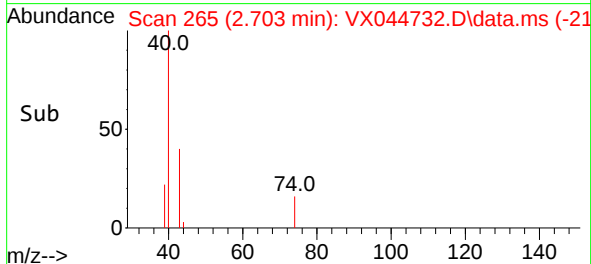
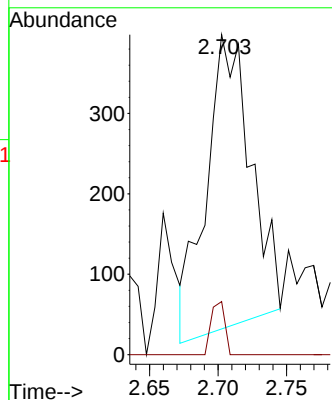
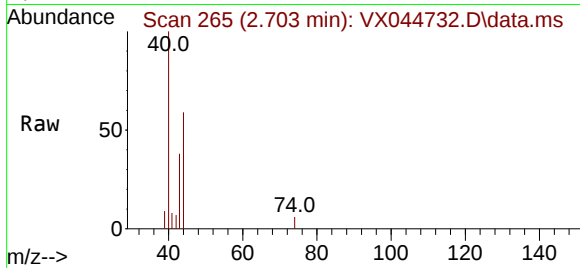




#18
Methyl Acetate
Concen: 0.321 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

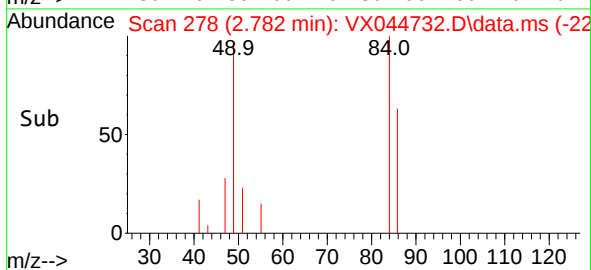
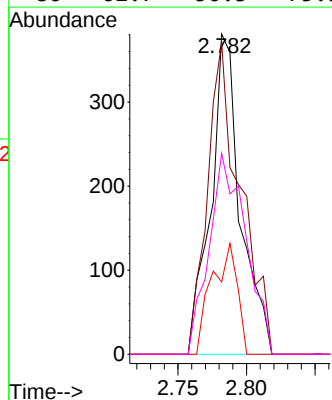
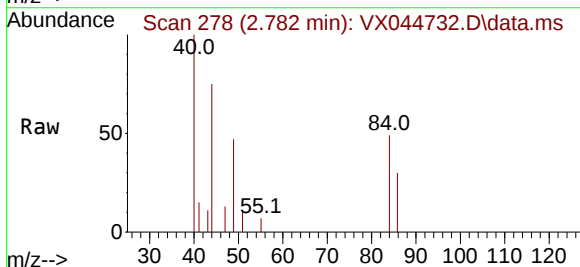
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-WATER-REF-4

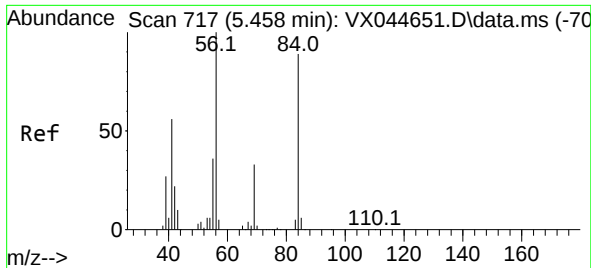
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
74 5.6 19.8 29.8#



#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

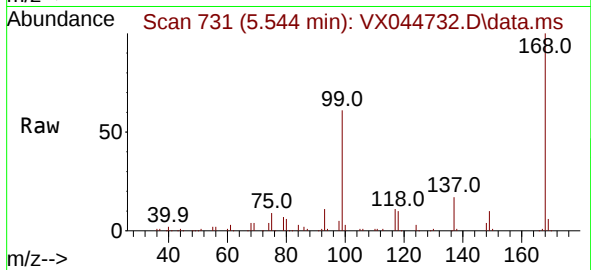
Tgt Ion: 84 Resp: 572
Ion Ratio Lower Upper
84 100
49 97.4 94.2 141.4
51 22.6 28.8 43.2#
86 62.7 50.3 75.5



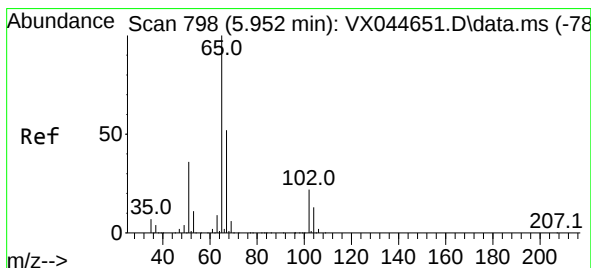
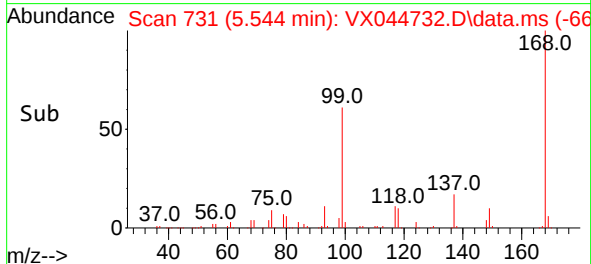
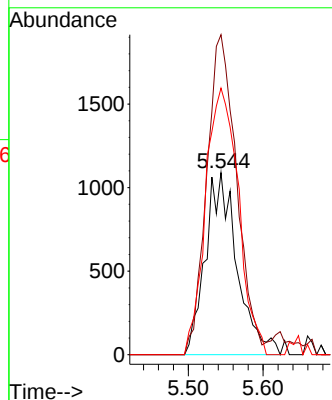


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

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

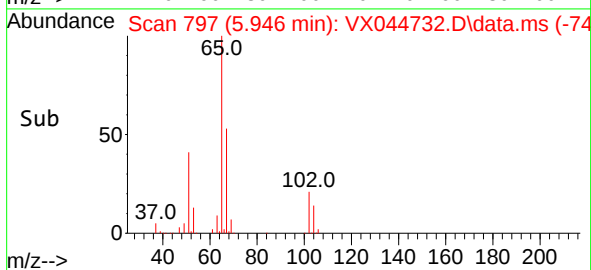
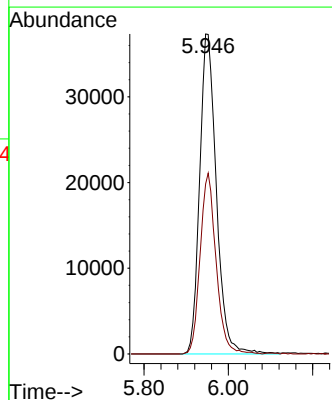
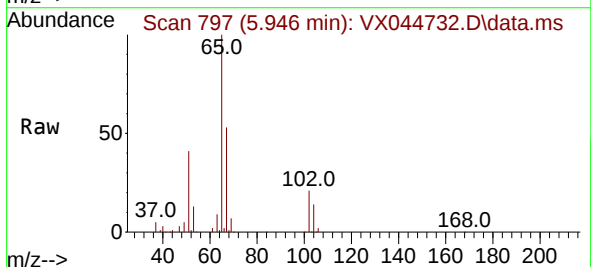


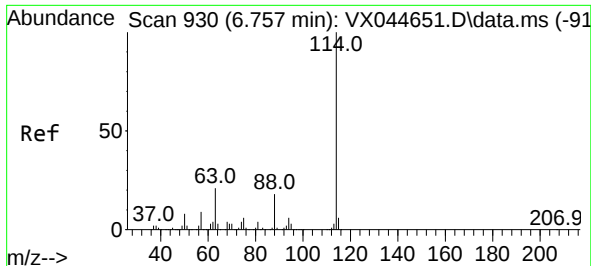
Tgt Ion: 56 Resp: 3197
Ion Ratio Lower Upper
56 100
69 175.7 26.8 40.2#
84 146.3 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 48.957 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

Tgt Ion: 65 Resp: 103047
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.4

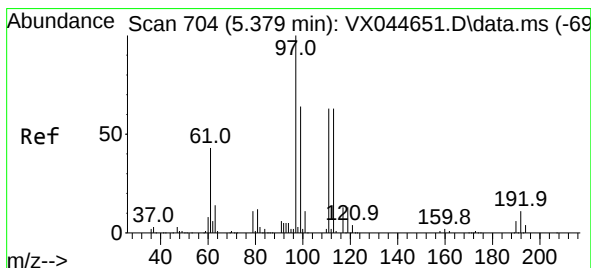
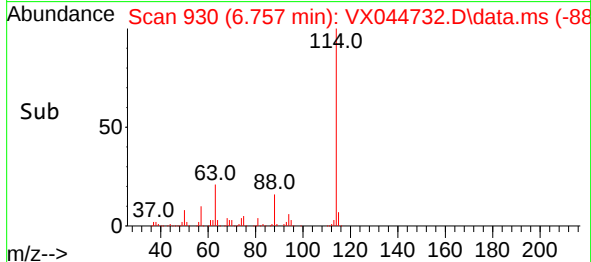
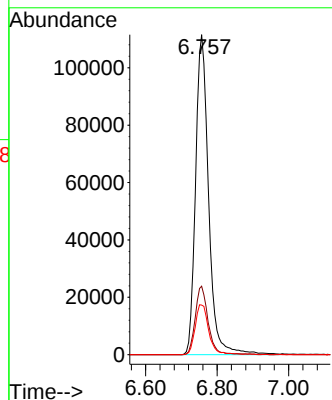
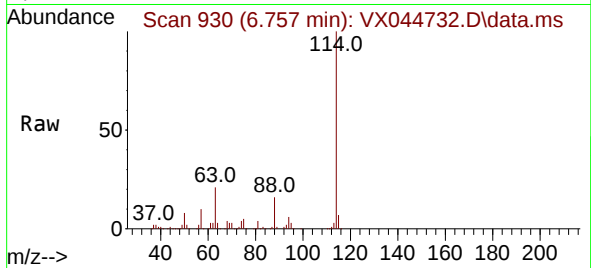




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

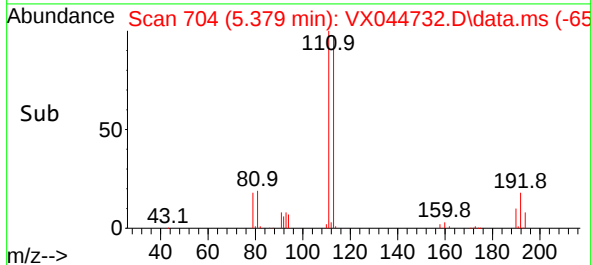
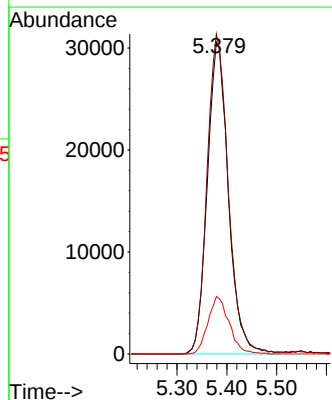
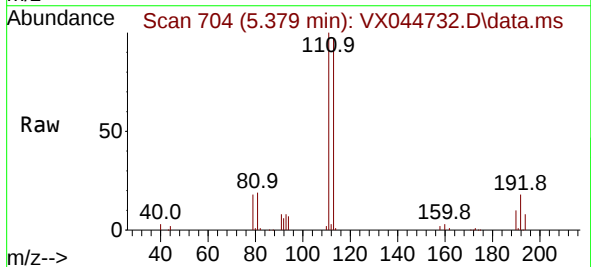
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

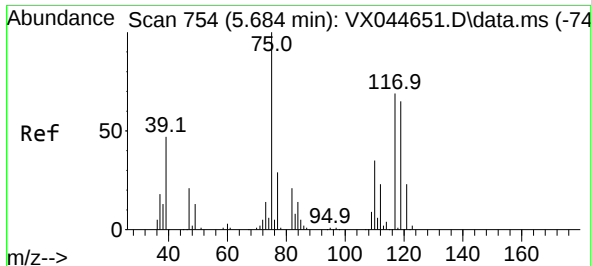
Tgt Ion:114 Resp: 282344
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.0
88 15.5 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.126 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

Tgt Ion:113 Resp: 89910
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 18.5 14.4 21.6





#36

1,1-Dichloropropene

Concen: 4.555 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX044732.D

Acq: 27 Jan 2025 18:23

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

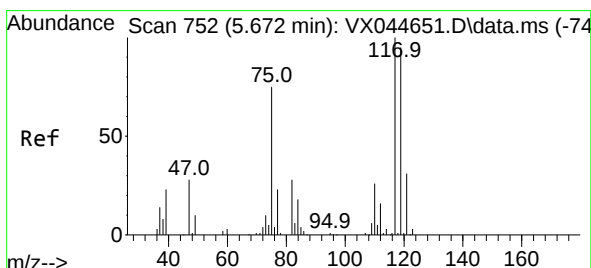
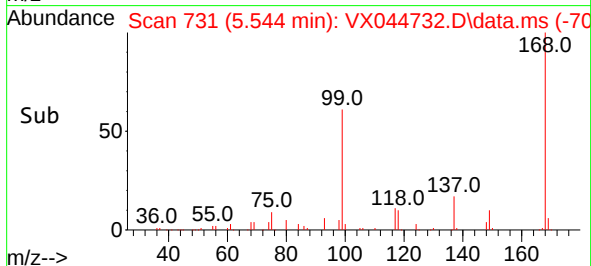
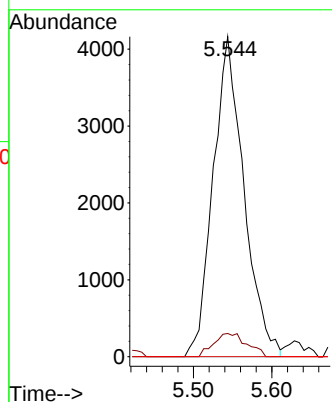
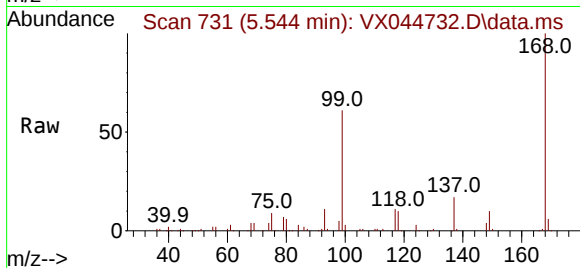
Tgt Ion: 75 Resp: 11374

Ion Ratio Lower Upper

75 100

110 7.8 17.9 53.8#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 4.972 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX044732.D

Acq: 27 Jan 2025 18:23

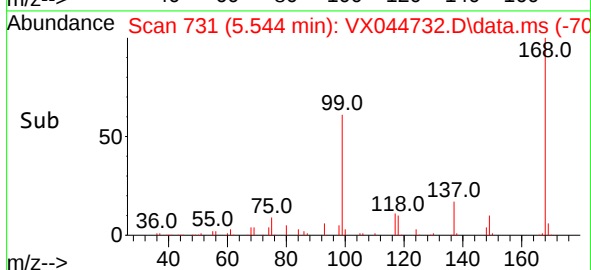
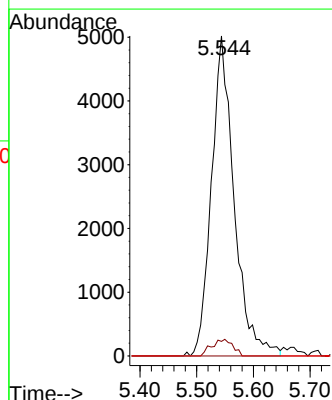
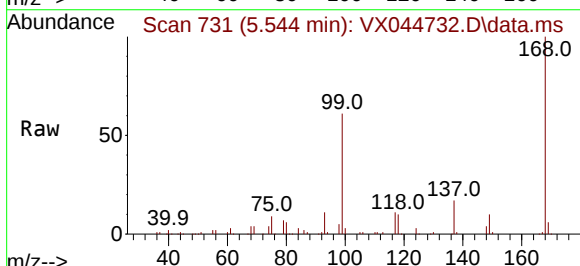
Tgt Ion: 117 Resp: 13965

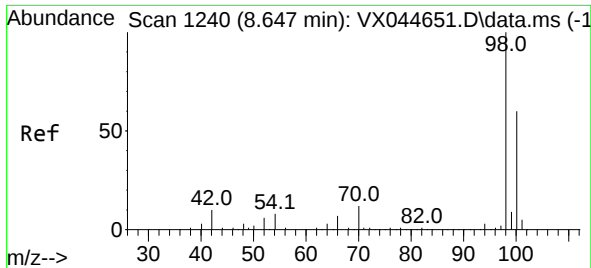
Ion Ratio Lower Upper

117 100

119 4.5 76.0 114.0#

121 0.0 24.6 36.8#

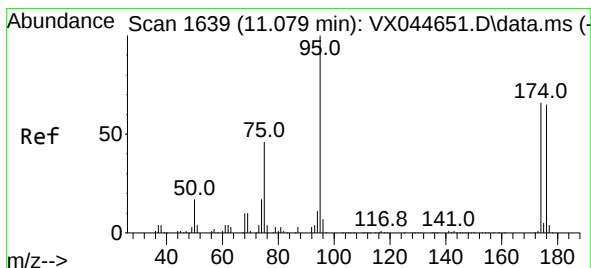
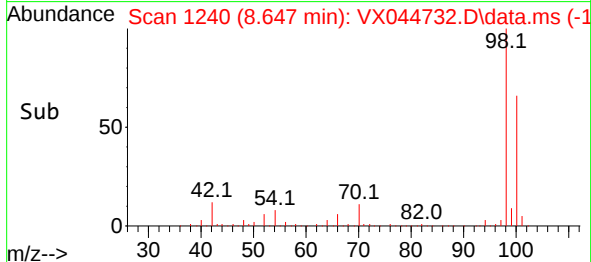
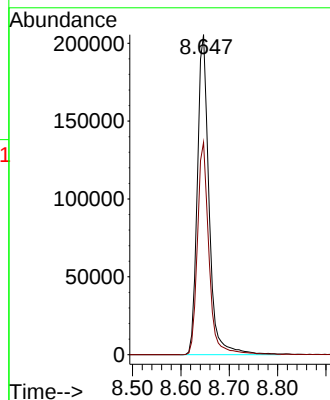
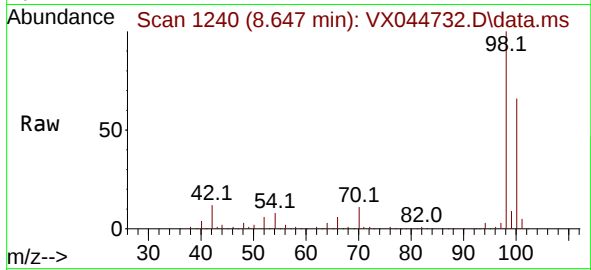




#50
Toluene-d8
Concen: 55.044 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

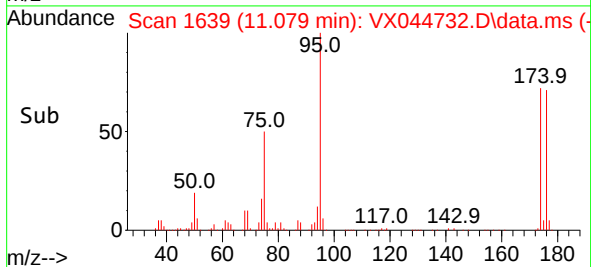
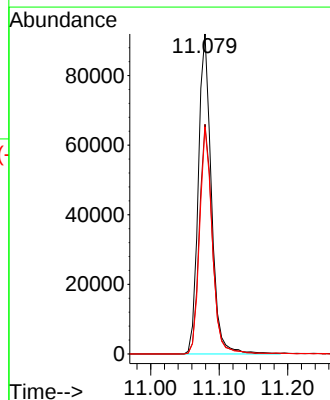
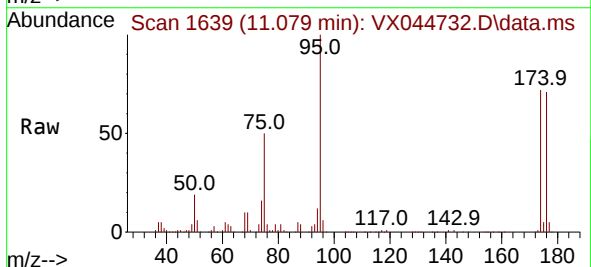
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

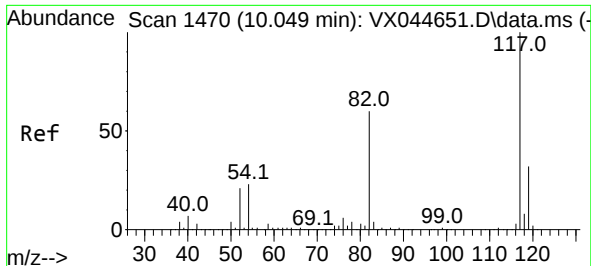
Tgt Ion: 98 Resp: 344260
Ion Ratio Lower Upper
98 100
100 65.4 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 52.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

Tgt Ion: 95 Resp: 121898
Ion Ratio Lower Upper
95 100
174 70.7 0.0 133.0
176 68.3 0.0 129.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044732.D

Acq: 27 Jan 2025 18:23

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

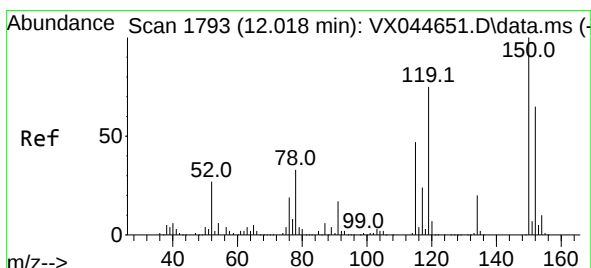
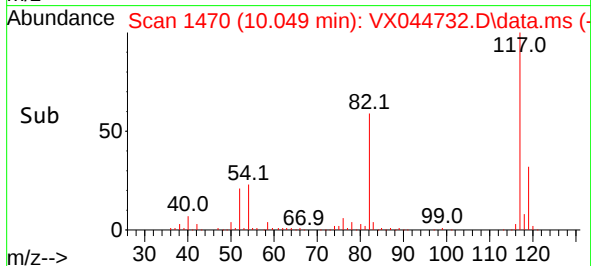
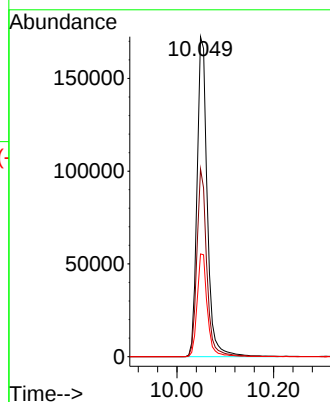
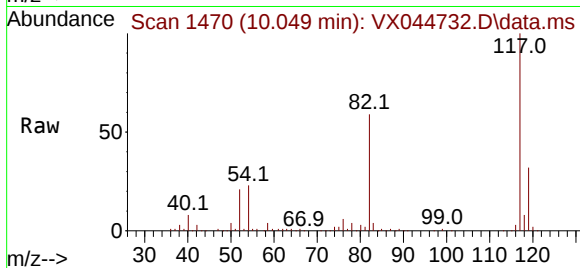
Tgt Ion:117 Resp: 252421

Ion Ratio Lower Upper

117 100

82 58.6 47.6 71.4

119 32.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044732.D

Acq: 27 Jan 2025 18:23

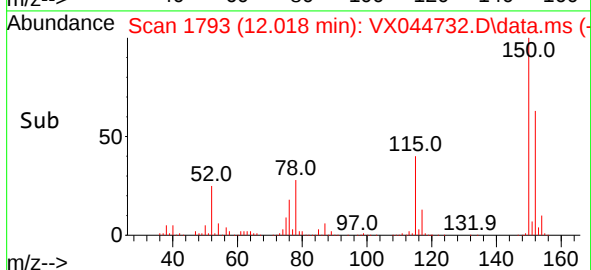
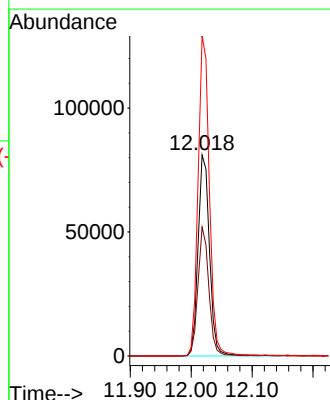
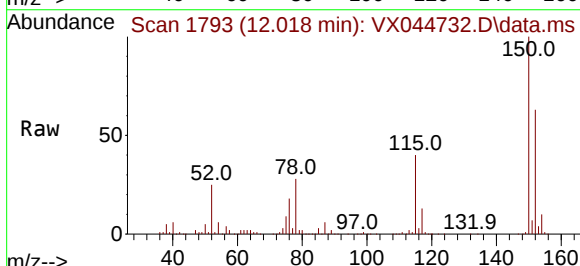
Tgt Ion:152 Resp: 105754

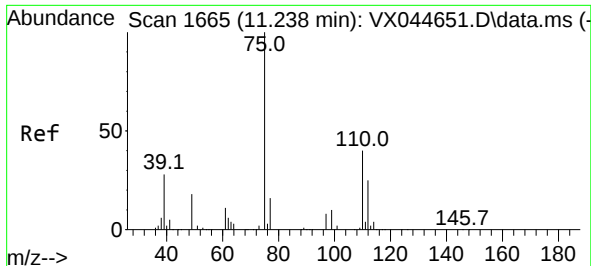
Ion Ratio Lower Upper

152 100

115 61.3 43.8 131.4

150 156.9 0.0 347.8

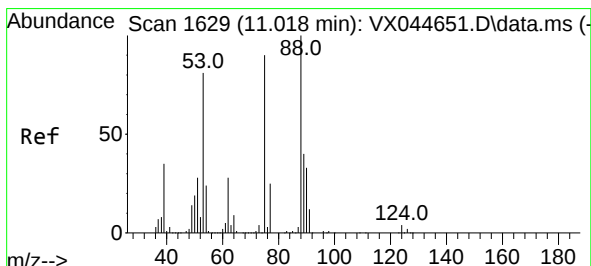
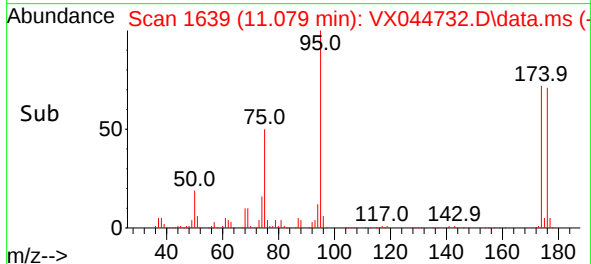
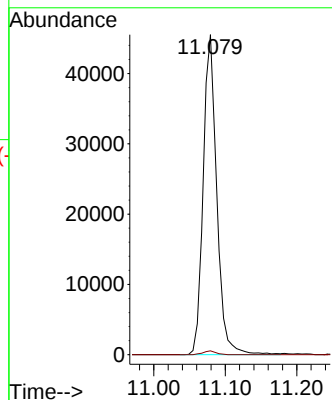
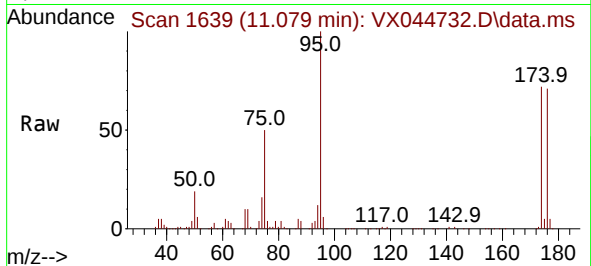




#76
1,2,3-Trichloropropane
Concen: 23.416 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

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

Tgt Ion: 75 Resp: 60096
Ion Ratio Lower Upper
75 100
77 1.1 23.4 70.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

Tgt Ion: 75 Resp: 60096
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

