

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
 Data File : VX028478.D
 Acq On : 02 May 2022 17:12
 Operator : JC/MD
 Sample : N2652-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 03 04:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

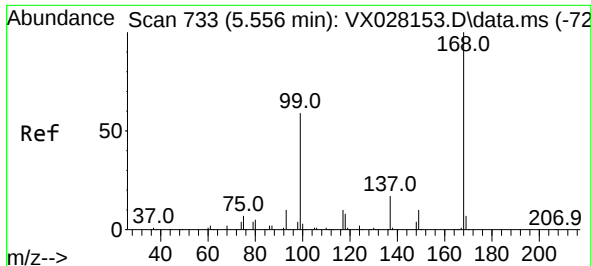
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	384171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	675896	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	665403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	324396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	286163	57.128	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 114.260%	
35) Dibromofluoromethane	5.391	113	259197	54.683	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.360%	
50) Toluene-d8	8.653	98	970265	53.295	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.600%	
62) 4-Bromofluorobenzene	11.085	95	351942	50.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	634	Below Cal	#	67
5) Bromomethane	1.612	94	1241	Below Cal		84
6) Chloroethane	1.685	64	604	Below Cal	#	87
10) Methyl Iodide	2.459	142	587	5.358	ug/l #	92
11) Tert butyl alcohol	2.941	59	706	Below Cal	#	72
16) Acetone	2.380	43	3168	0.678	ug/l #	74
18) Methyl Acetate	2.709	43	928	0.208	ug/l	91
20) Methylene Chloride	2.788	84	1074	0.289	ug/l	85
31) Cyclohexane	5.550	56	7825	1.282	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	28168	4.556	ug/l #	49
38) Carbon Tetrachloride	5.556	117	38517	5.518	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	3670	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	180094	28.209	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	180094	83.829	ug/l #	15

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

Quant Time: May 03 04:52:42 2022
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Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

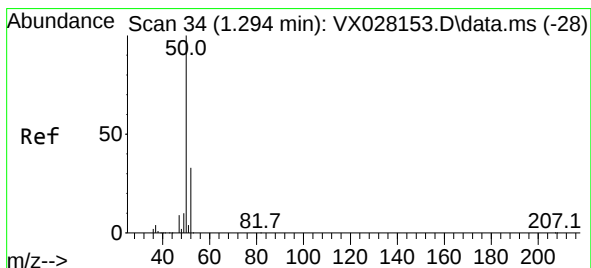
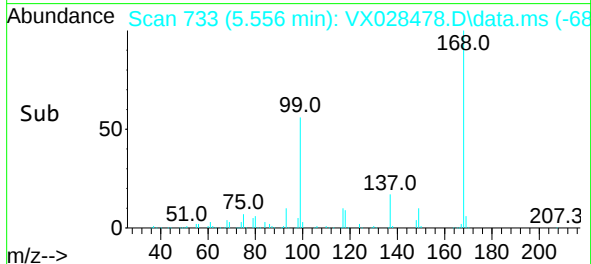
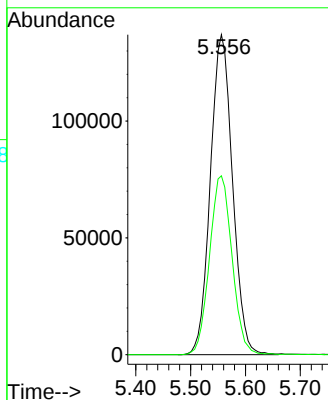
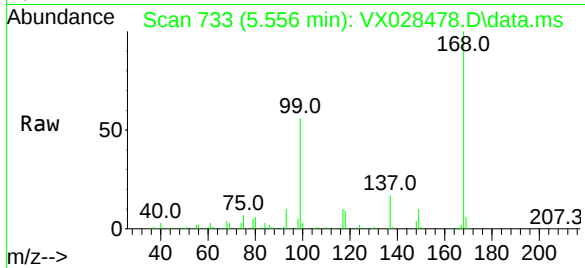




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

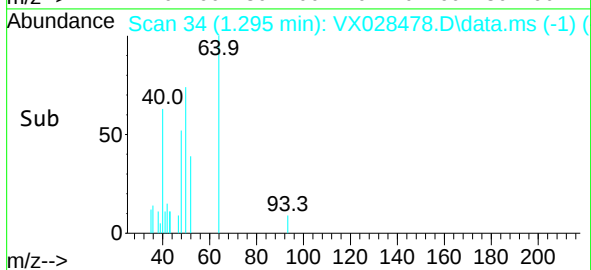
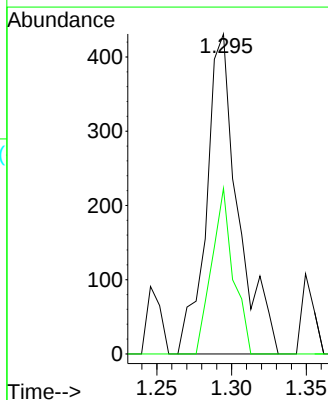
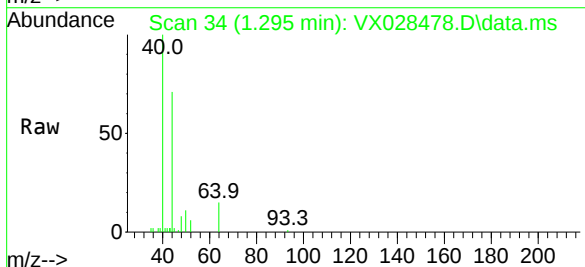
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 384171
Ion Ratio Lower Upper
168 100
99 55.9 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

Tgt Ion: 50 Resp: 634
Ion Ratio Lower Upper
50 100
52 51.7 26.4 39.6#

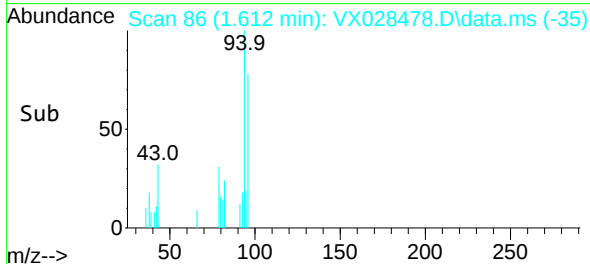
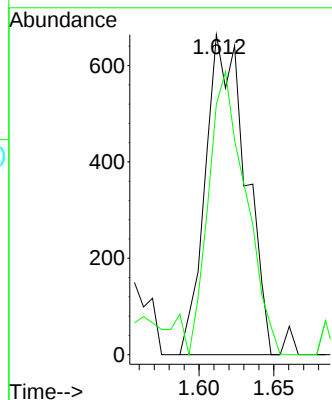
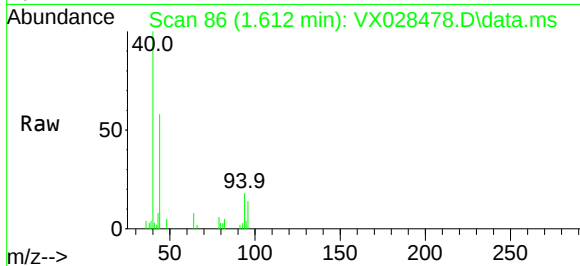




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

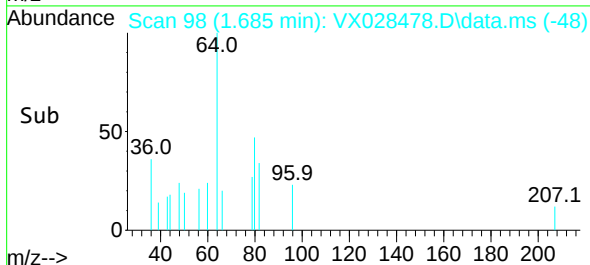
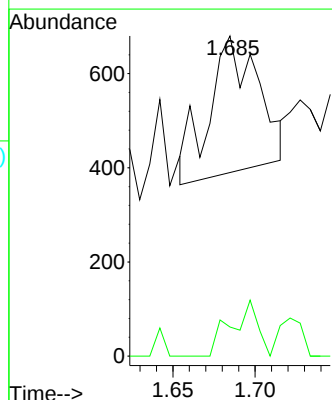
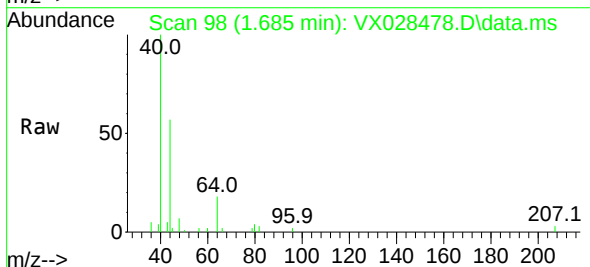
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

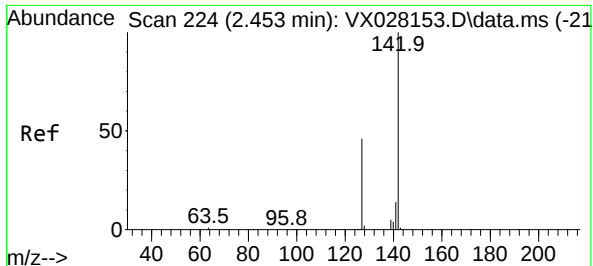
Tgt Ion: 94 Resp: 1241
Ion Ratio Lower Upper
94 100
96 78.3 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

Tgt Ion: 64 Resp: 604
Ion Ratio Lower Upper
64 100
66 24.3 25.3 37.9#

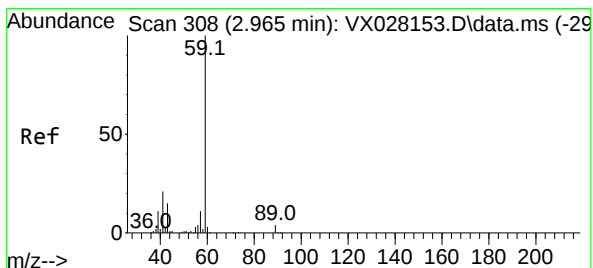
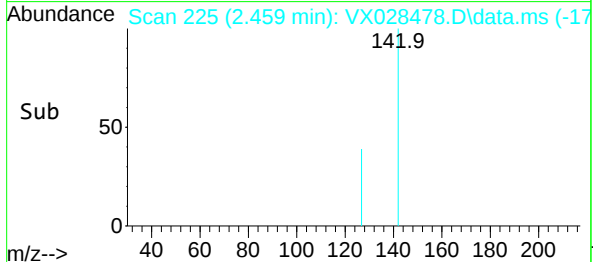
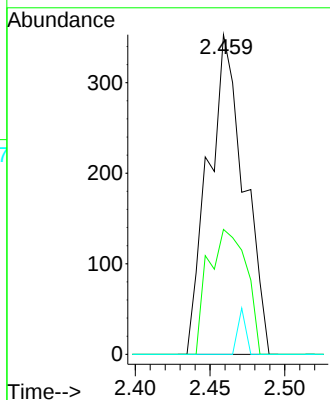
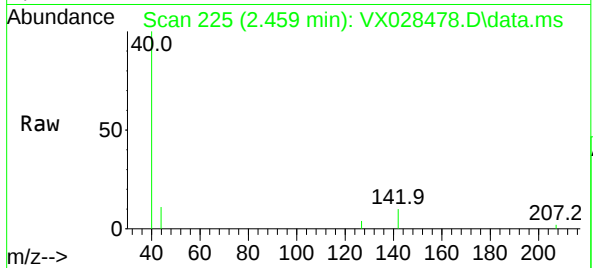




#10
Methyl Iodide
Concen: 5.358 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

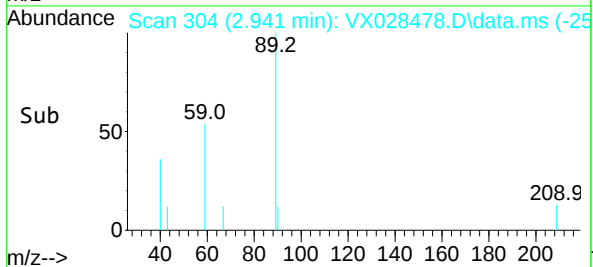
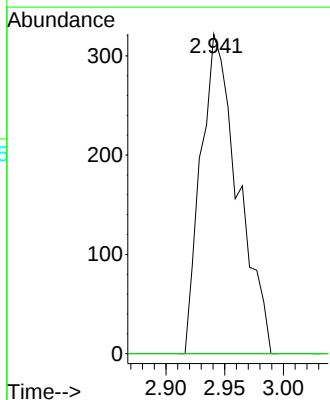
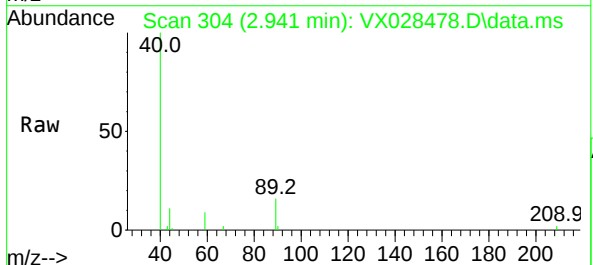
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

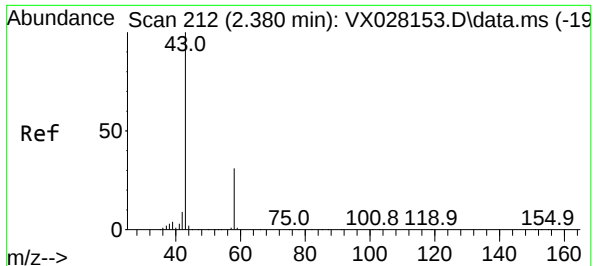
Tgt Ion:142 Resp: 587
Ion Ratio Lower Upper
142 100
127 41.6 33.9 50.9
141 3.2 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

Tgt Ion: 59 Resp: 706
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

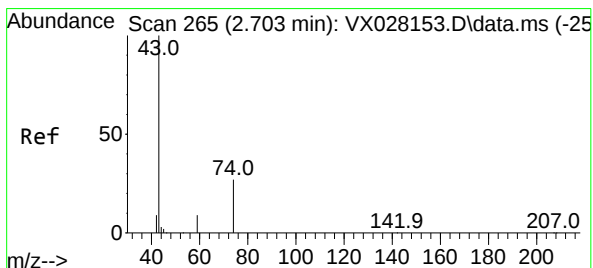
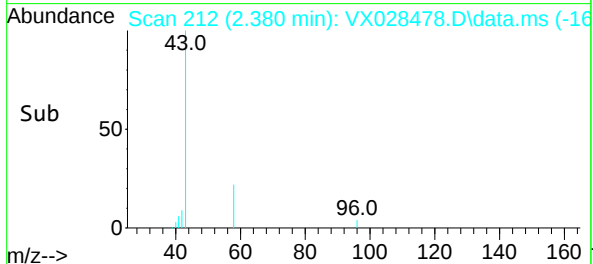
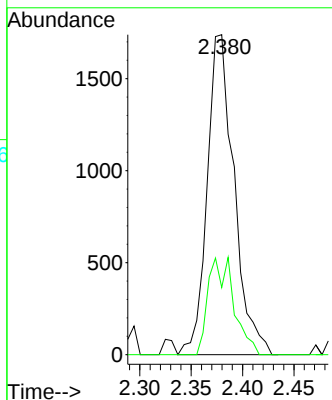
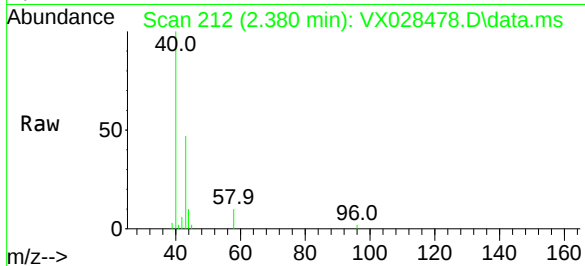




#16
Acetone
Concen: 0.678 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

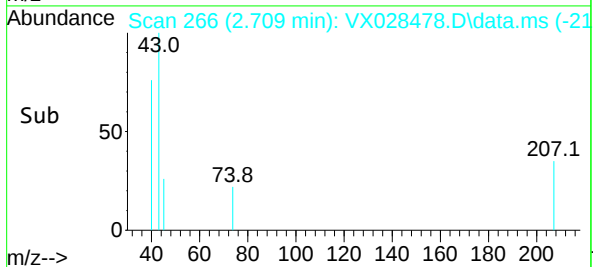
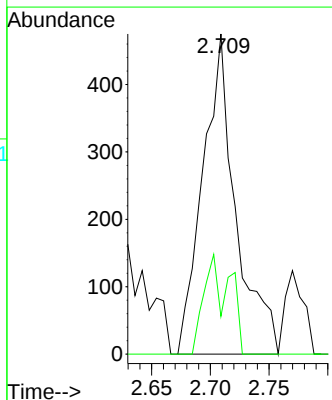
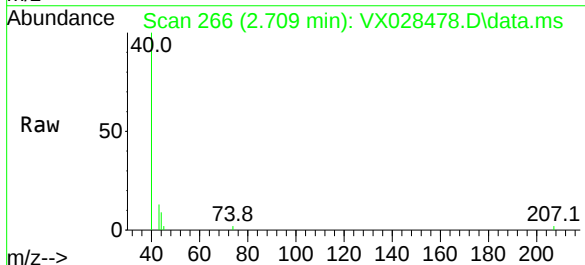
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

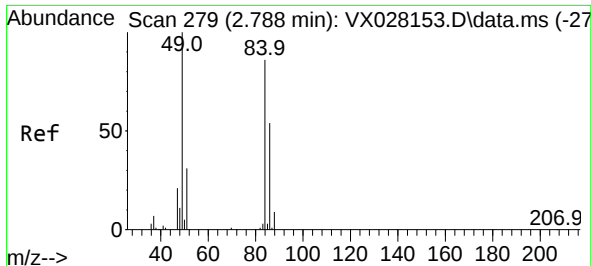
Tgt Ion: 43 Resp: 3168
Ion Ratio Lower Upper
43 100
58 21.0 28.8 43.2#



#18
Methyl Acetate
Concen: 0.208 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
74 23.9 22.8 34.2

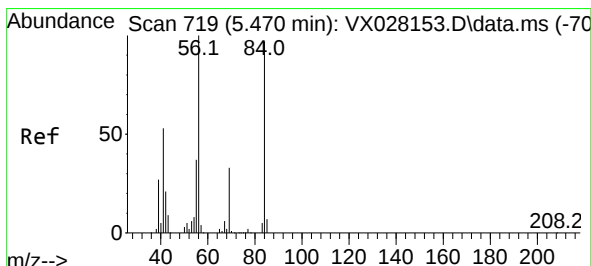
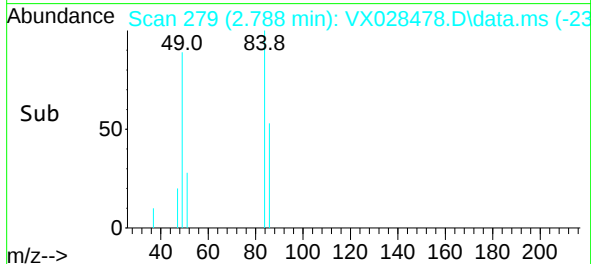
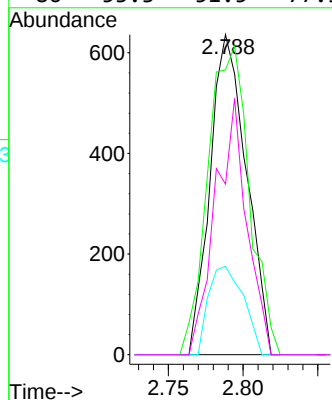
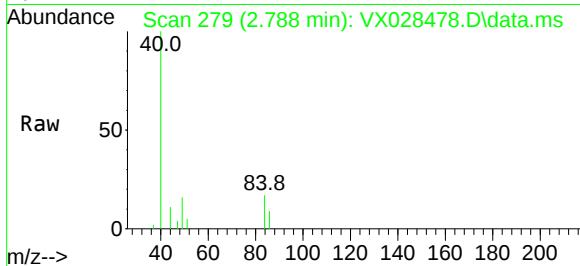




#20
Methylene Chloride
Concen: 0.289 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

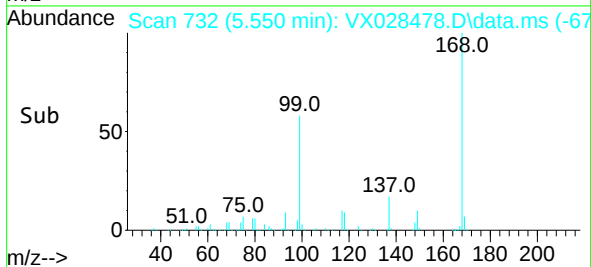
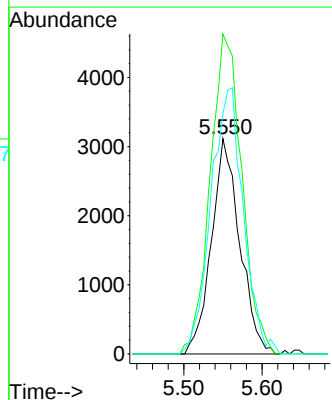
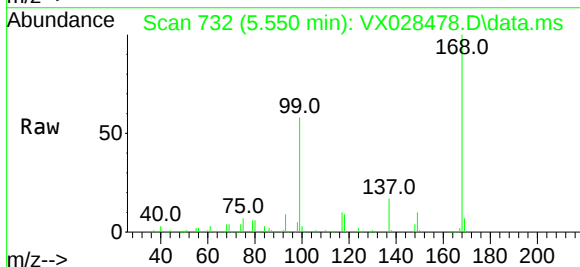
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

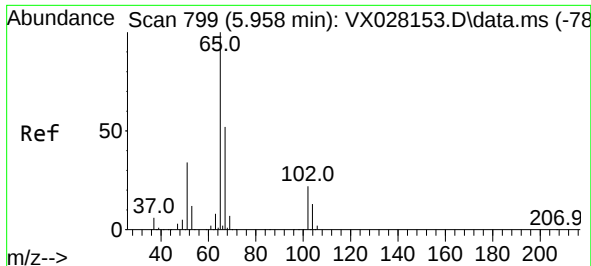
Tgt Ion:	84	Resp:	1074
Ion	Ratio	Lower	Upper
84	100		
49	89.0	85.5	128.3
51	27.7	26.6	39.8
86	53.3	51.5	77.3



#31
Cyclohexane
Concen: 1.282 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

Tgt Ion:	56	Resp:	7825
Ion	Ratio	Lower	Upper
56	100		
69	148.7	26.7	40.1#
84	111.6	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 57.128 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028478.D

Acq: 02 May 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

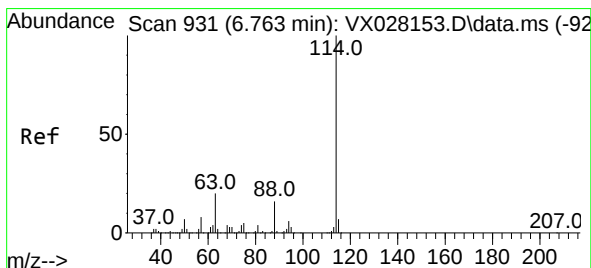
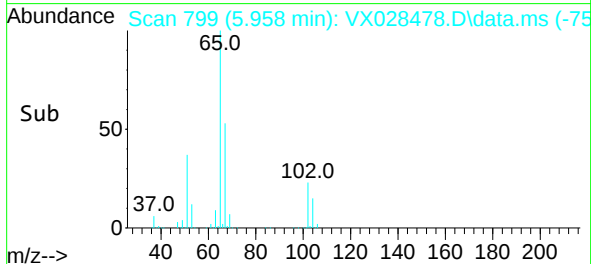
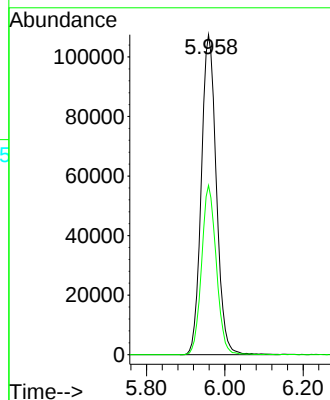
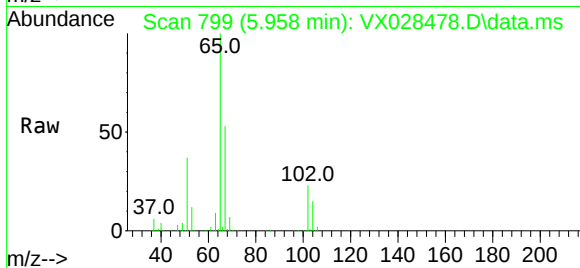
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 286163

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028478.D

Acq: 02 May 2022 17:12

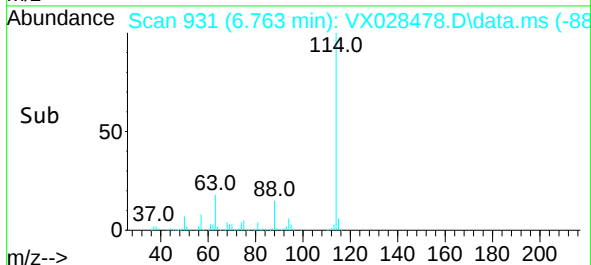
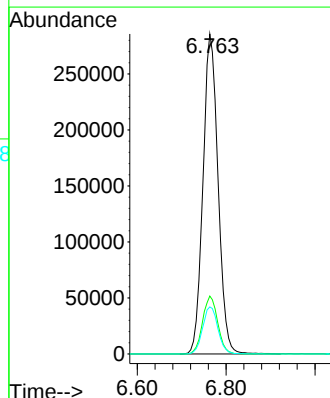
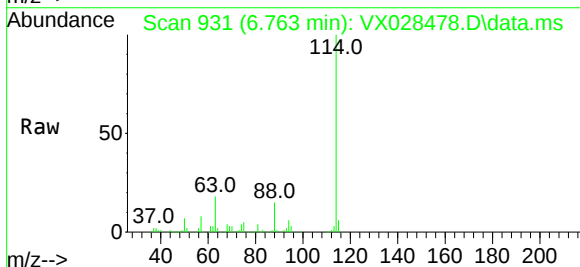
Tgt Ion: 114 Resp: 675896

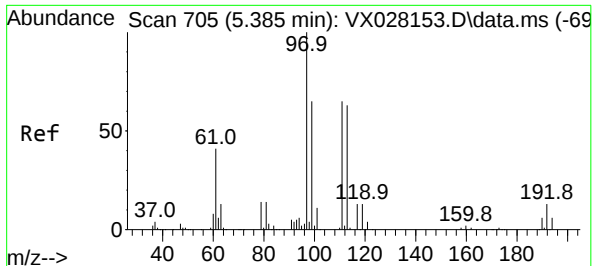
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 14.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.683 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028478.D

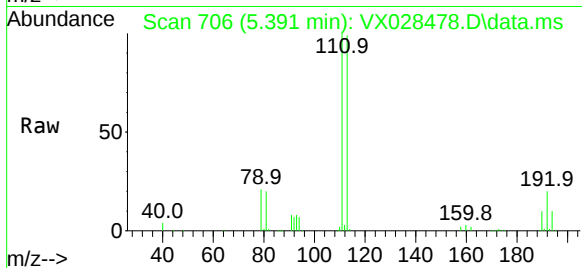
Acq: 02 May 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



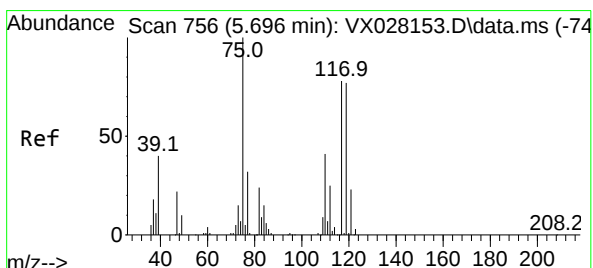
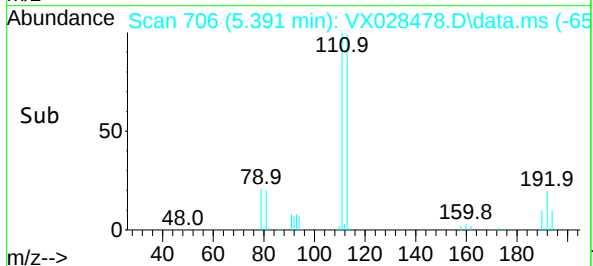
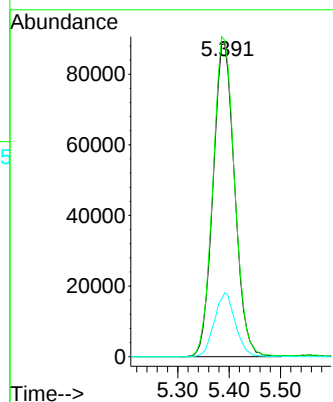
Tgt Ion:113 Resp: 259197

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 19.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.556 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX028478.D

Acq: 02 May 2022 17:12

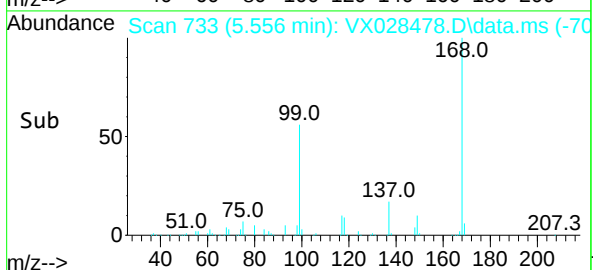
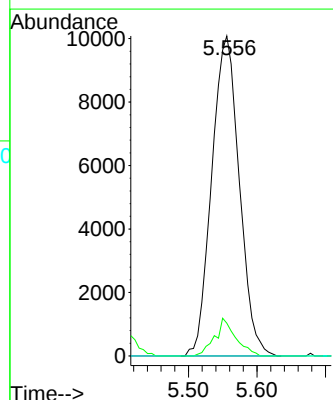
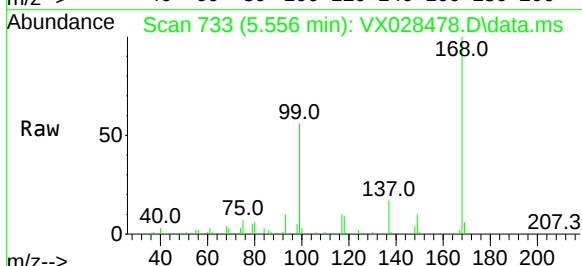
Tgt Ion: 75 Resp: 28168

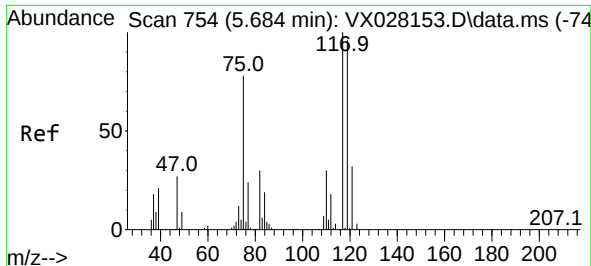
Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

77 0.0 24.8 37.2#

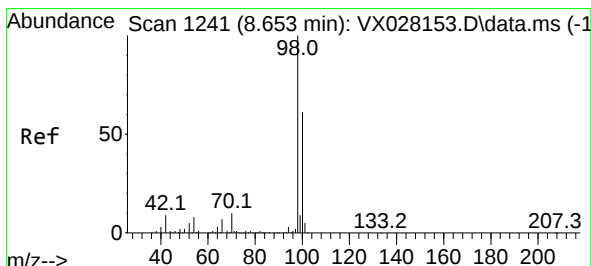
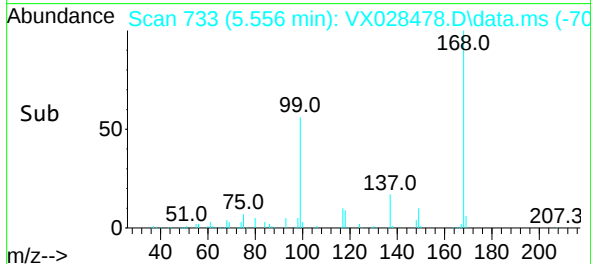
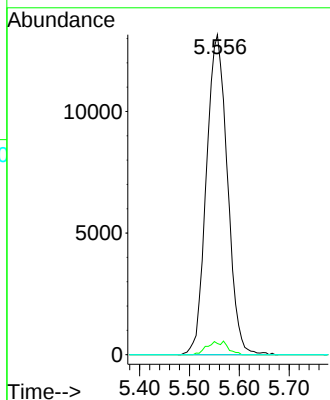
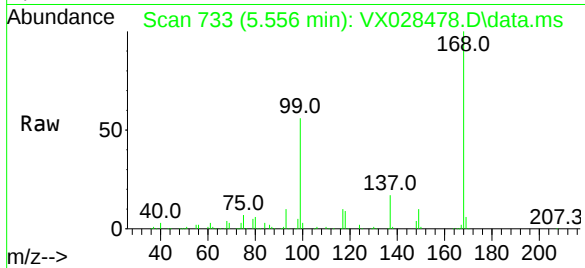




#38
Carbon Tetrachloride
Concen: 5.518 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

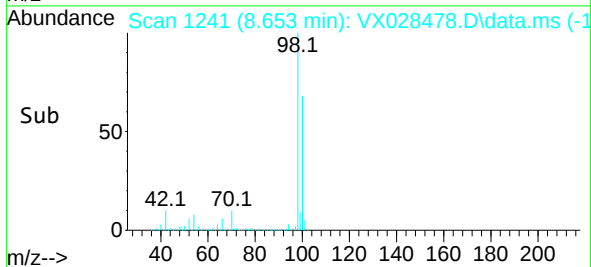
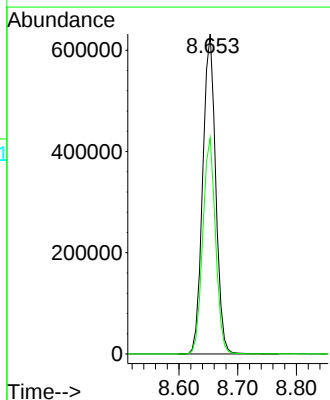
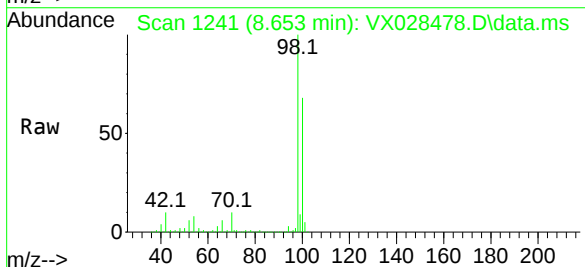
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

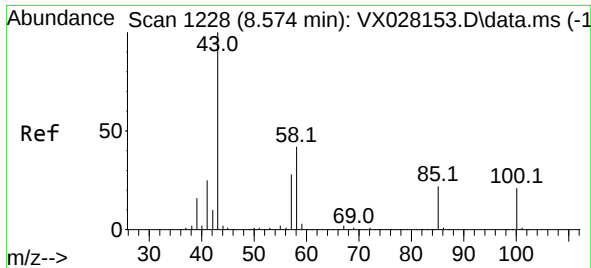
Tgt Ion:117 Resp: 38517
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.295 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

Tgt Ion: 98 Resp: 970265
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

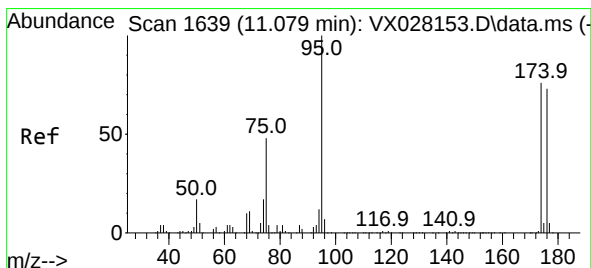
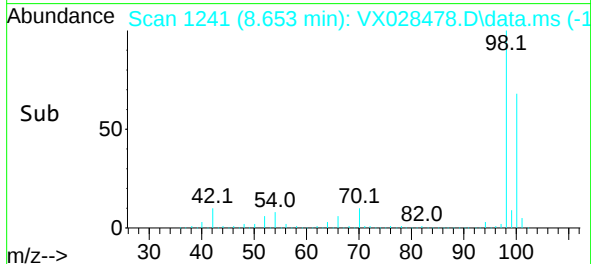
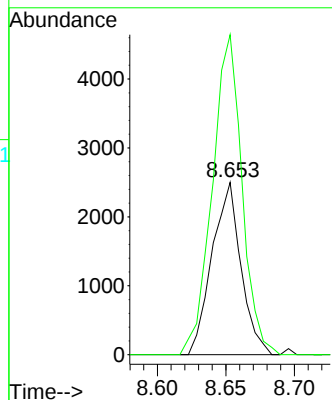
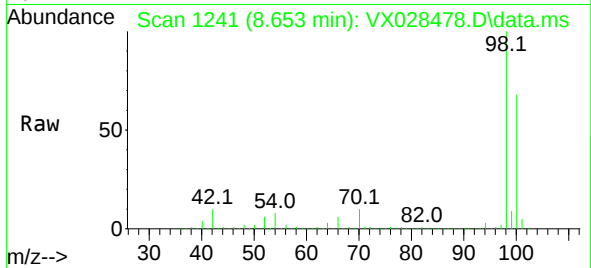




#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

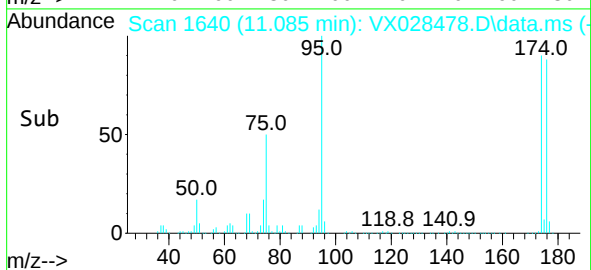
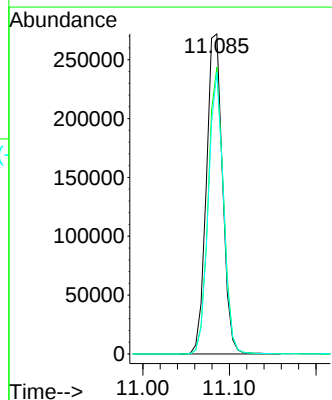
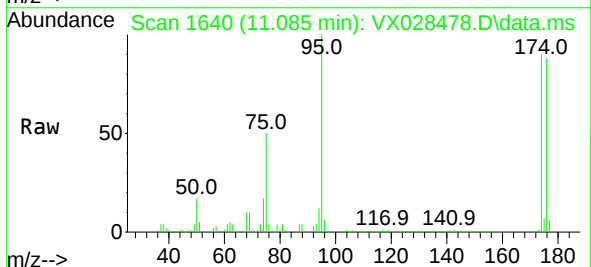
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

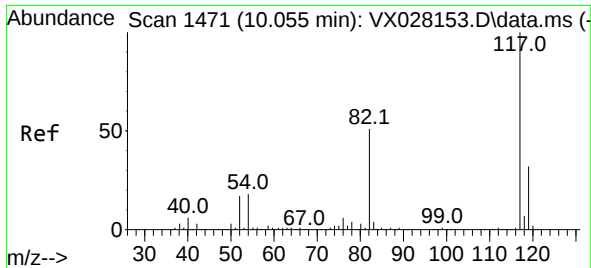
Tgt Ion: 43 Resp: 3670
Ion Ratio Lower Upper
43 100
58 190.7 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 50.559 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

Tgt Ion: 95 Resp: 351942
Ion Ratio Lower Upper
95 100
174 84.8 0.0 163.0
176 82.6 0.0 155.0

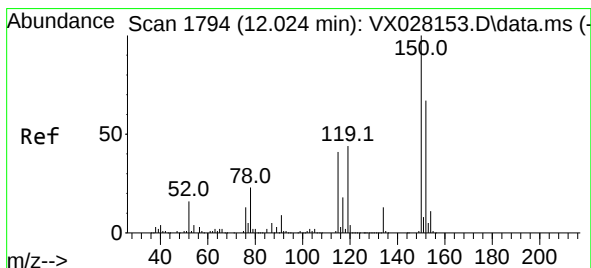
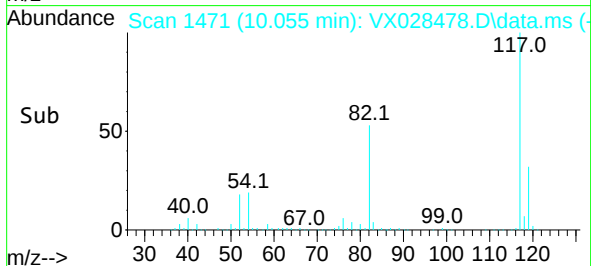
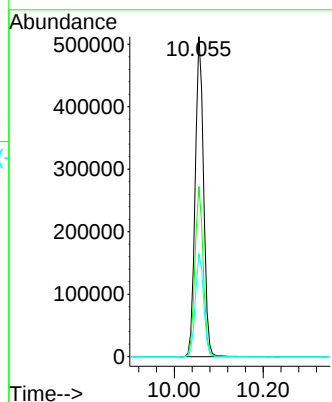
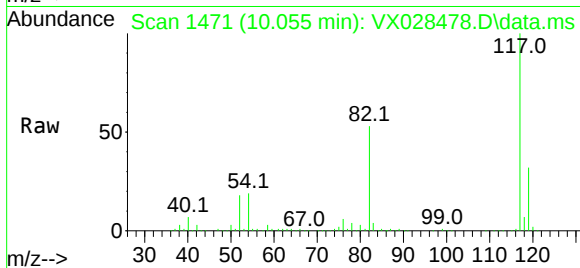




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

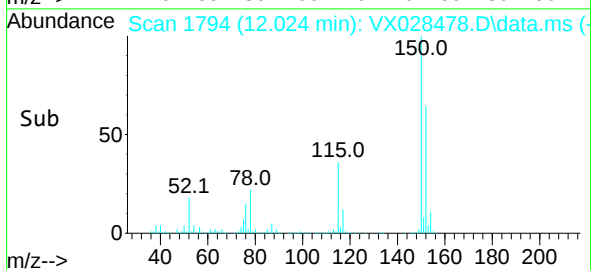
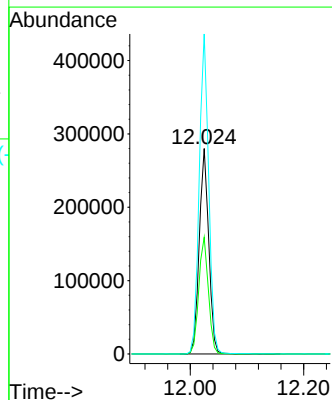
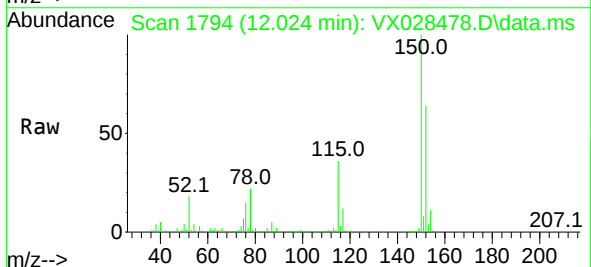
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

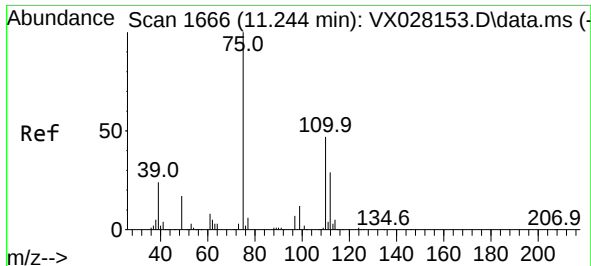
Tgt Ion:117 Resp: 665403
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

Tgt Ion:152 Resp: 324396
Ion Ratio Lower Upper
152 100
115 57.8 37.5 112.7
150 155.6 0.0 338.2

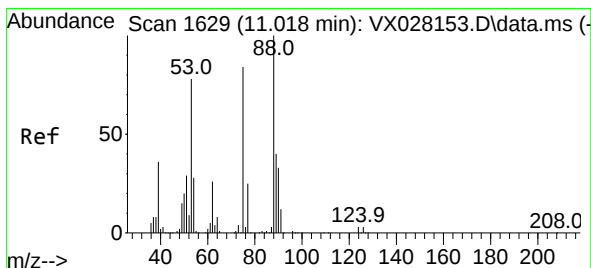
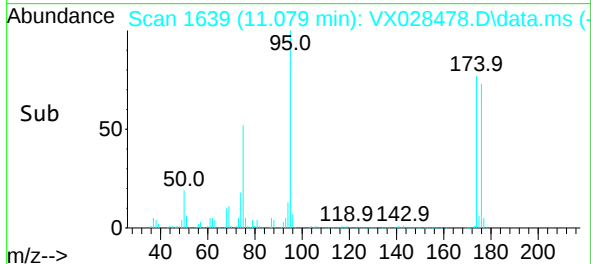
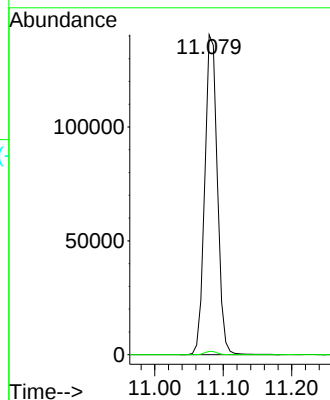
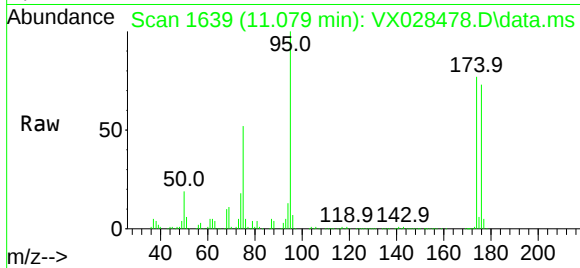




#76
1,2,3-Trichloropropane
Concen: 28.209 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

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

Tgt Ion: 75 Resp: 180094
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.829 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028478.D
Acq: 02 May 2022 17:12

Tgt Ion: 75 Resp: 180094
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

