

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028324.D
 Acq On : 25 Apr 2022 14:14
 Operator : JC/MD
 Sample : N2547-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 26 08:10:55 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)

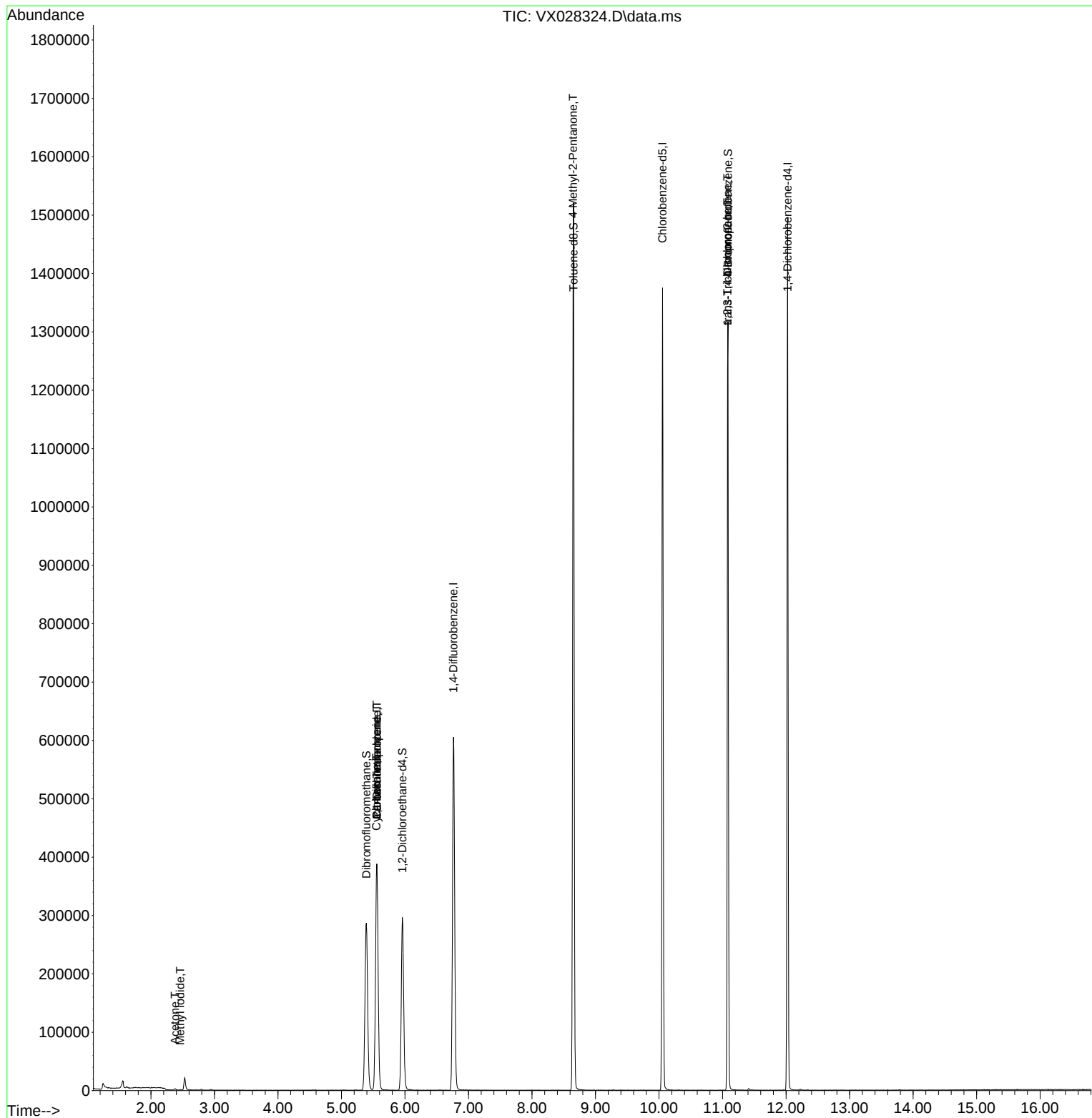
Internal Standards						
1) Pentafluorobenzene	5.556	168	380835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	653047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	634454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	296376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	279357	56.258	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 112.520%		
35) Dibromofluoromethane	5.391	113	251556	54.928	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 109.860%		
50) Toluene-d8	8.653	98	920644	52.339	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 104.680%		
62) 4-Bromofluorobenzene	11.085	95	338974	50.400	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 100.800%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	539	Below Cal		90
5) Bromomethane	1.611	94	969	Below Cal		89
6) Chloroethane	1.672	64	136	Below Cal	#	43
8) Diethyl Ether	2.136	74	19	Below Cal	#	1
10) Methyl Iodide	2.459	142	717	5.387	ug/l	98
11) Tert butyl alcohol	2.952	59	639	Below Cal	#	72
16) Acetone	2.379	43	2515	0.264	ug/l	99
31) Cyclohexane	5.550	56	7447	1.231	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	27705	4.638	ug/l #	50
38) Carbon Tetrachloride	5.556	117	38076	5.646	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	3667	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	169211	29.010	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	169211	86.210	ug/l #	15

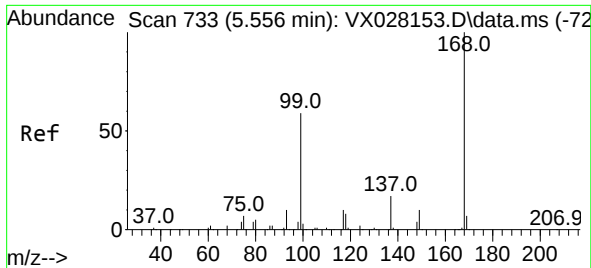
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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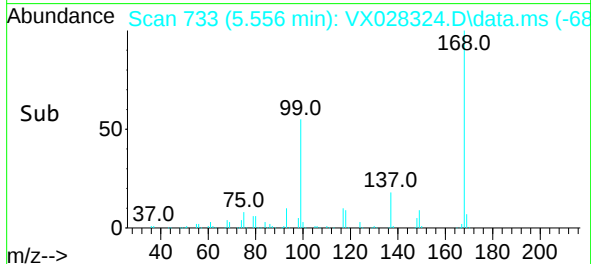
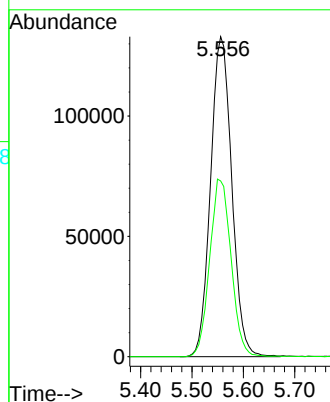
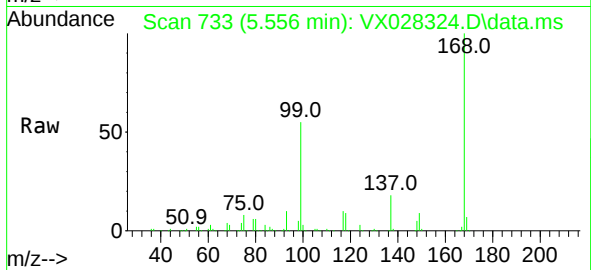




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

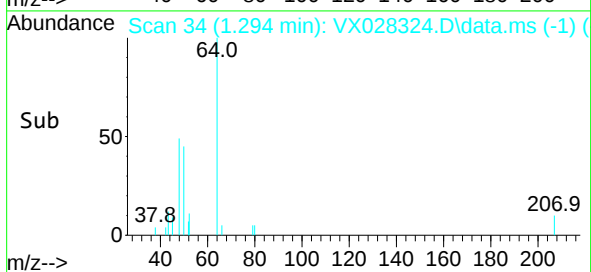
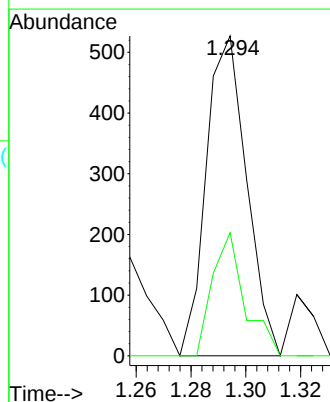
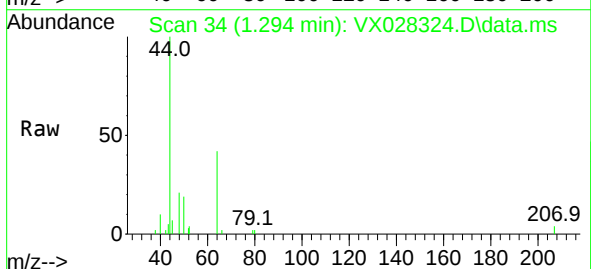
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 380835
Ion Ratio Lower Upper
168 100
99 54.9 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

Tgt Ion: 50 Resp: 539
Ion Ratio Lower Upper
50 100
52 38.5 26.4 39.6

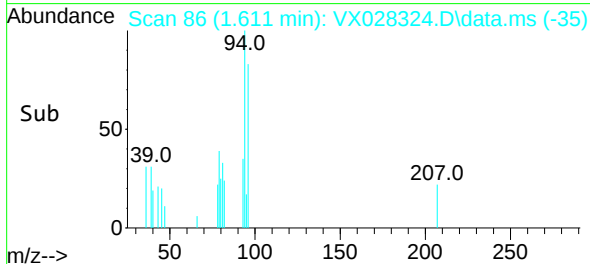
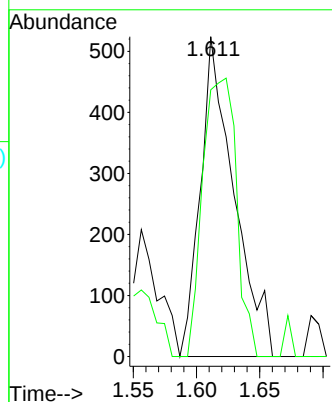
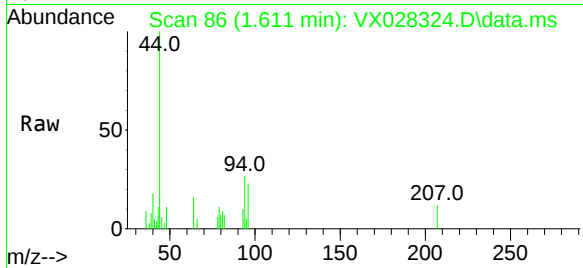




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

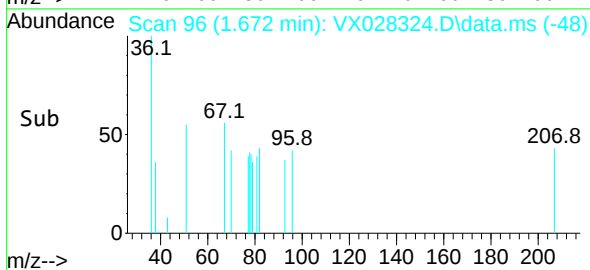
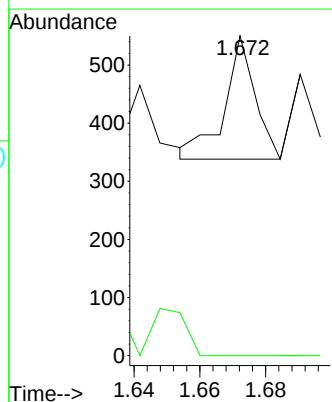
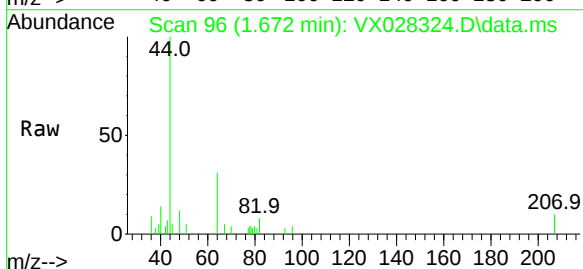
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

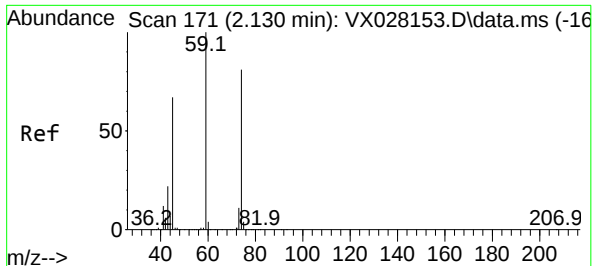
Tgt Ion: 94 Resp: 969
Ion Ratio Lower Upper
94 100
96 83.4 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

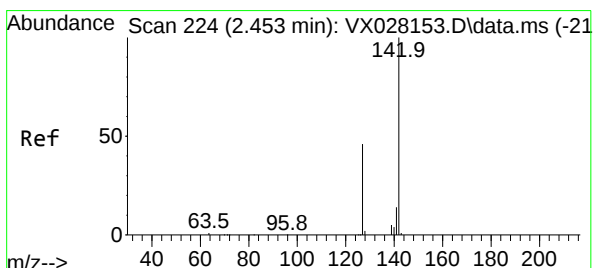
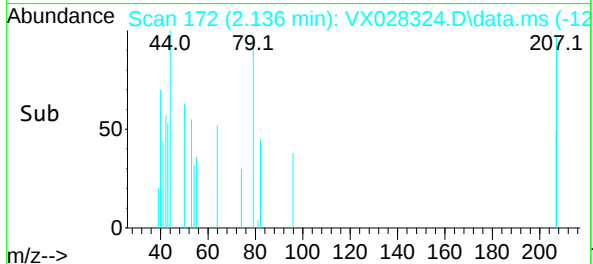
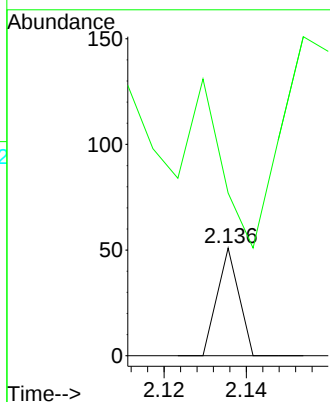
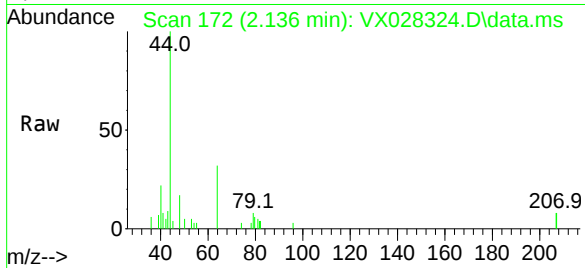




#8
Diethyl Ether
Concen: Below Cal
RT: 2.136 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

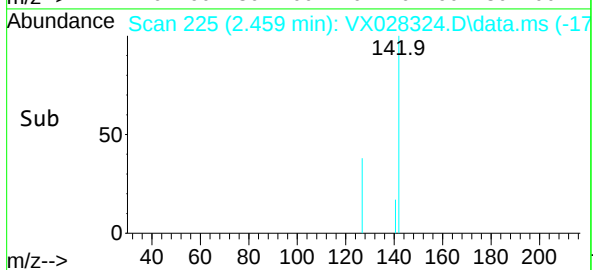
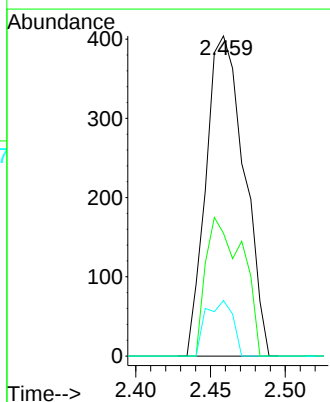
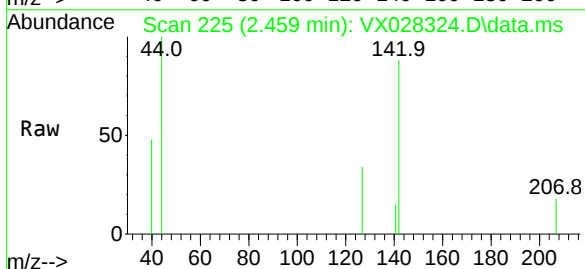
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

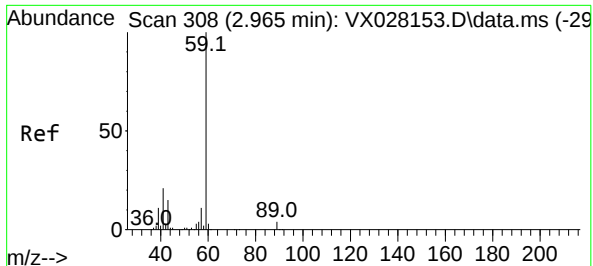
Tgt Ion: 74 Resp: 19
Ion Ratio Lower Upper
74 100
45 768.4 42.0 126.0#



#10
Methyl Iodide
Concen: 5.387 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

Tgt Ion: 142 Resp: 717
Ion Ratio Lower Upper
142 100
127 41.6 33.9 50.9
141 12.1 11.4 17.2

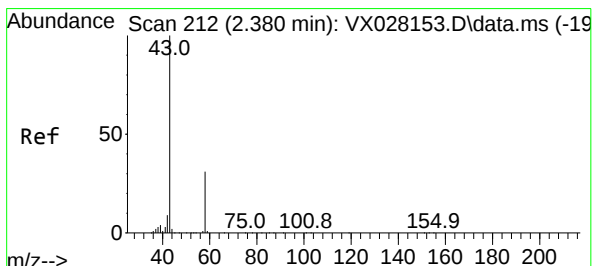
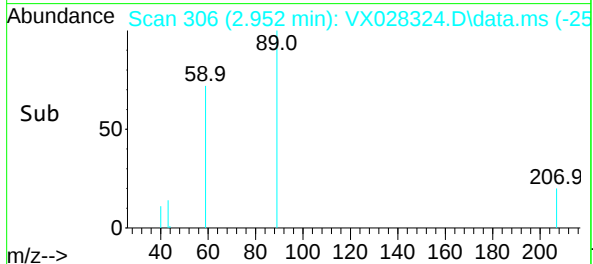
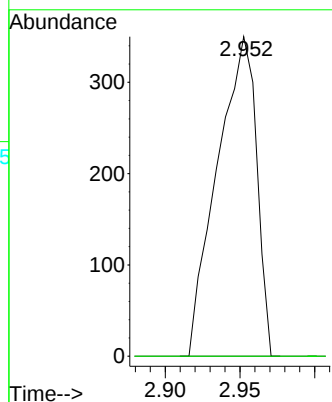
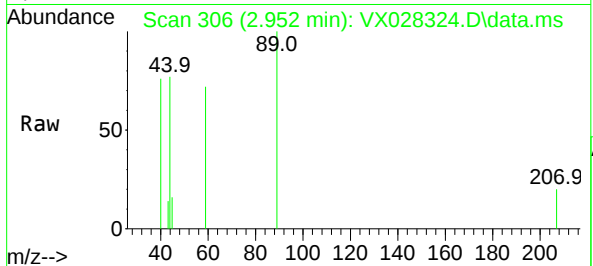




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 308
Delta R.T. -0.013 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

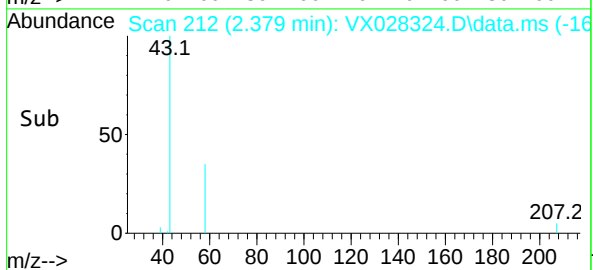
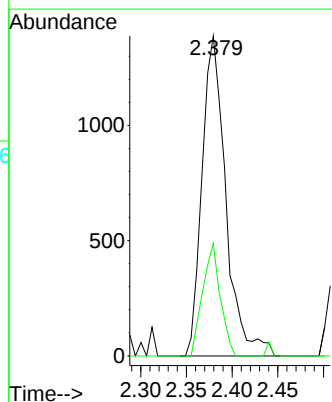
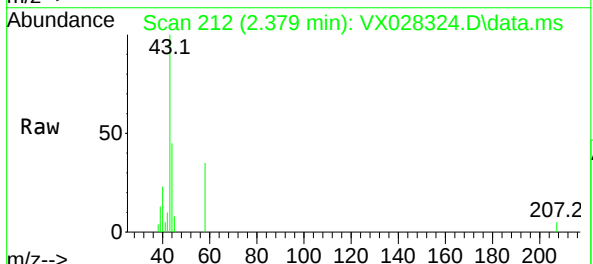
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

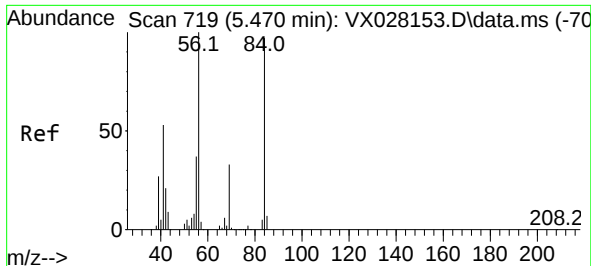
Tgt Ion: 59 Resp: 639
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.264 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

Tgt Ion: 43 Resp: 2515
Ion Ratio Lower Upper
43 100
58 35.2 28.8 43.2

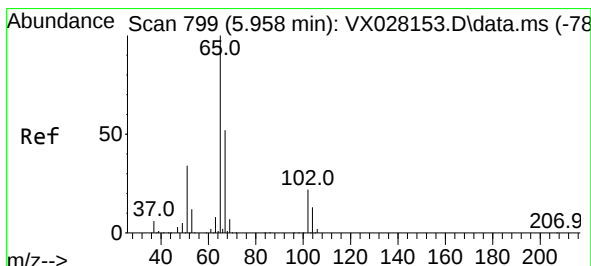
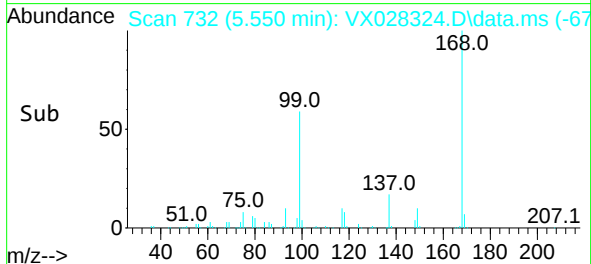
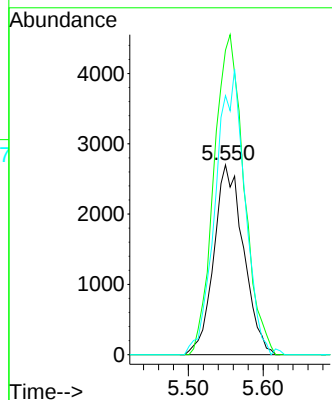
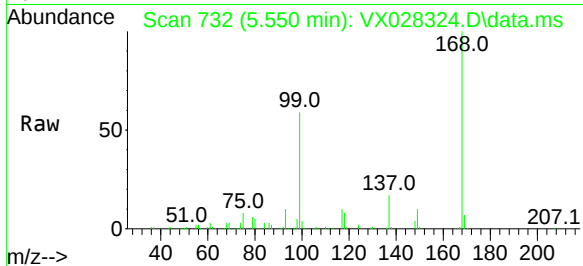




#31
Cyclohexane
Concen: 1.231 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

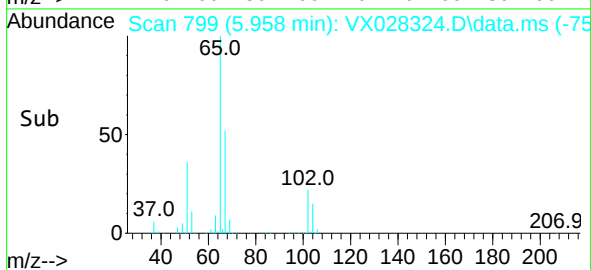
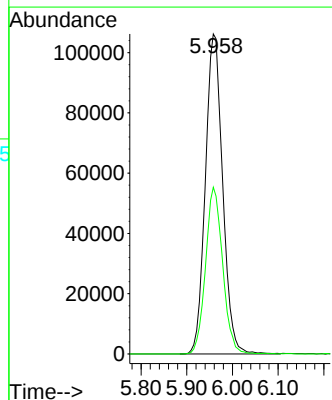
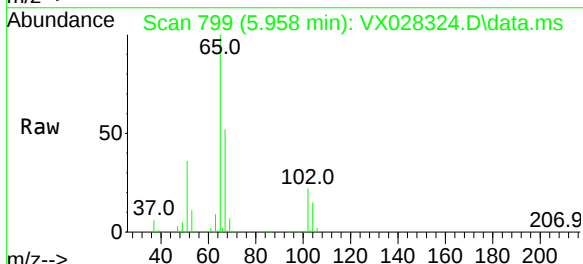
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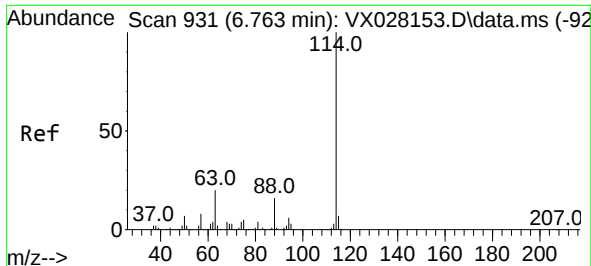
Tgt Ion: 56 Resp: 7447
Ion Ratio Lower Upper
56 100
69 160.4 26.7 40.1#
84 136.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.258 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

Tgt Ion: 65 Resp: 279357
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

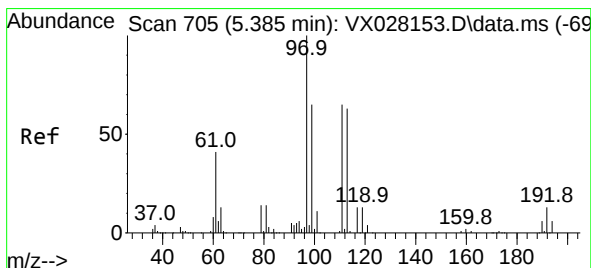
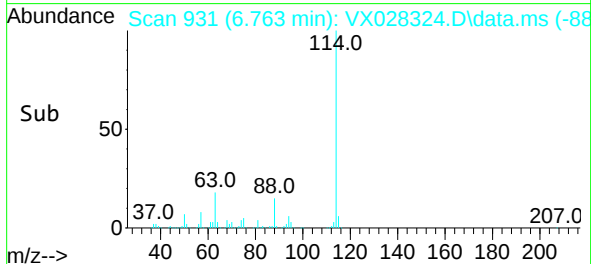
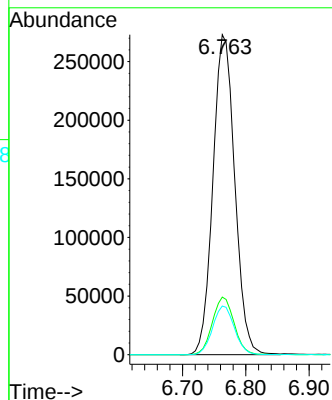
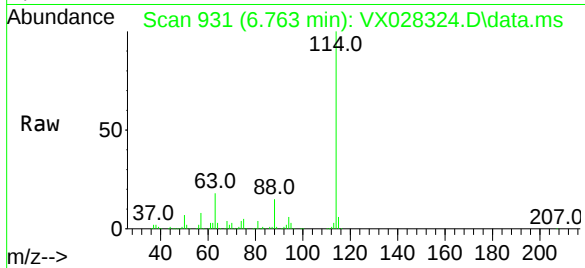




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

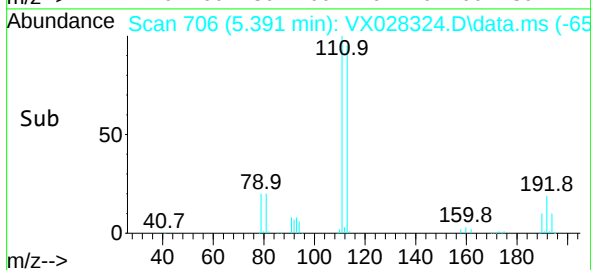
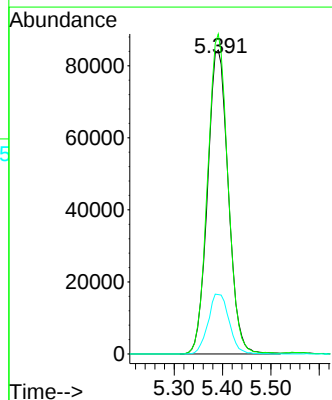
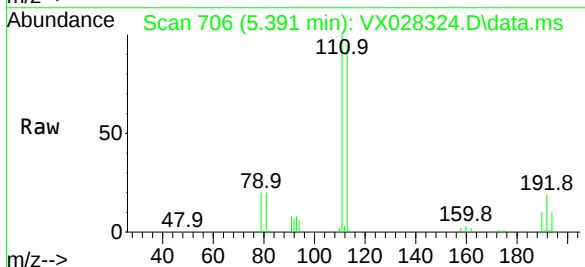
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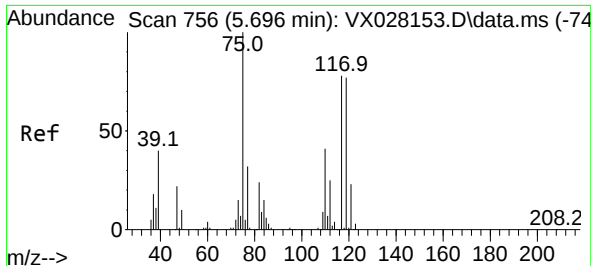
Tgt Ion:114 Resp: 653047
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.8
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 54.928 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

Tgt Ion:113 Resp: 251556
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.9 16.9 25.3

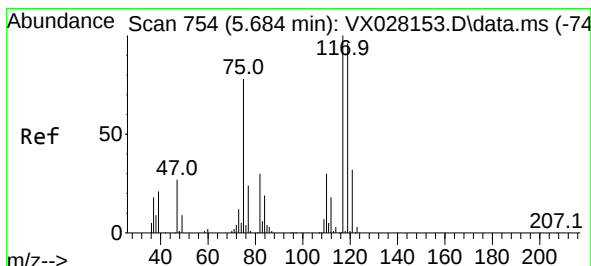
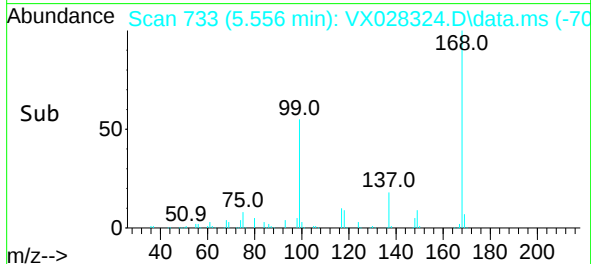
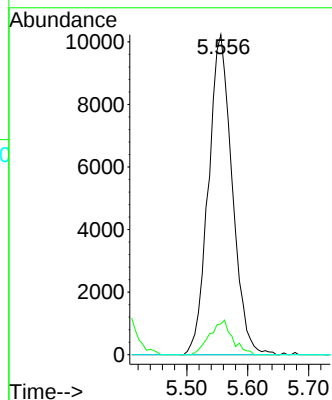
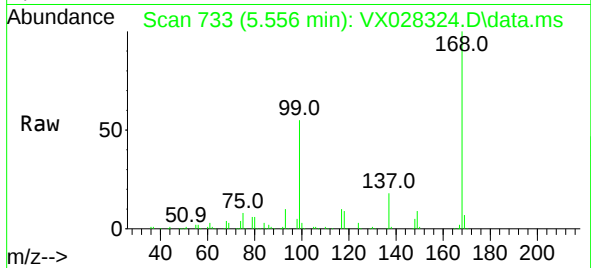




#36
1,1-Dichloropropene
Concen: 4.638 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

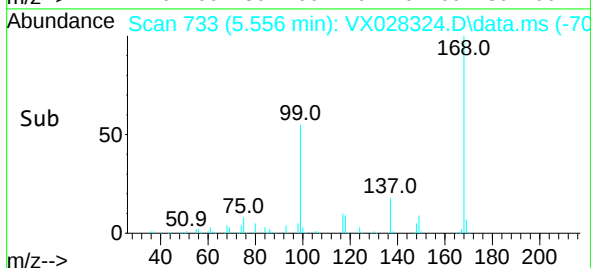
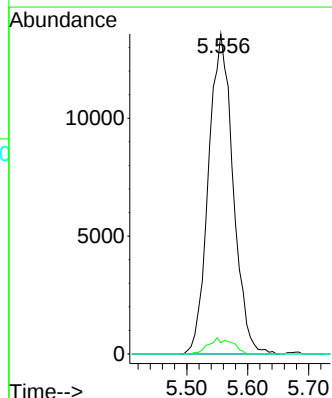
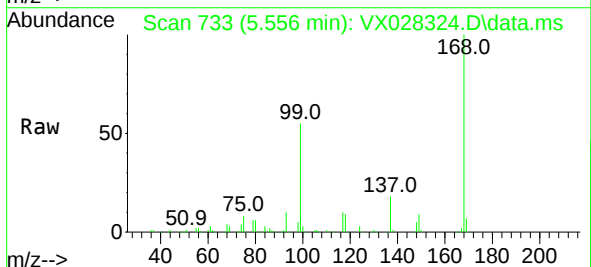
Instrument :
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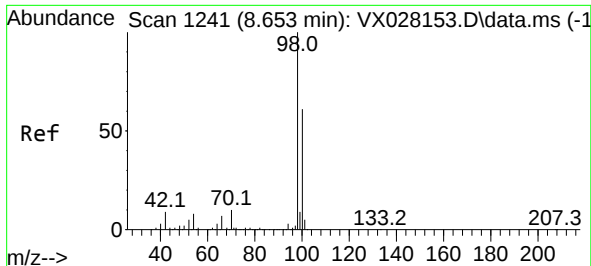
Tgt Ion: 75 Resp: 27705
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.646 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

Tgt Ion: 117 Resp: 38076
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.2 36.2#

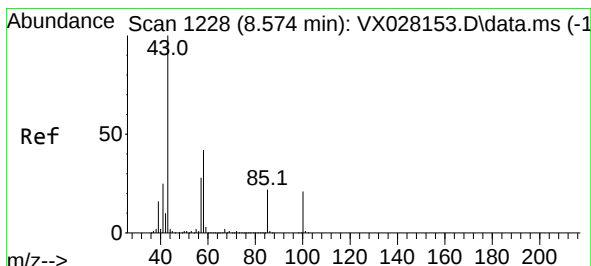
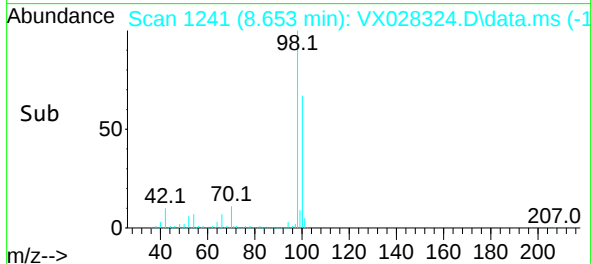
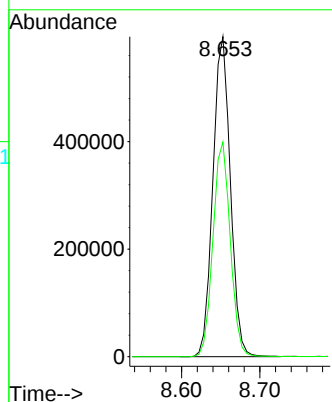
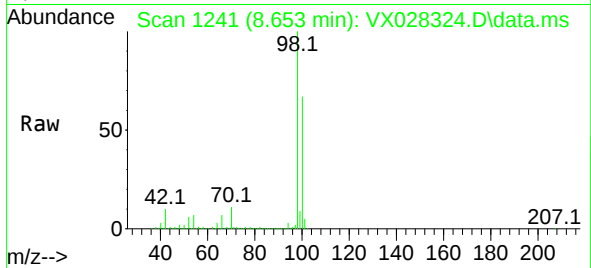




#50
Toluene-d8
Concen: 52.339 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

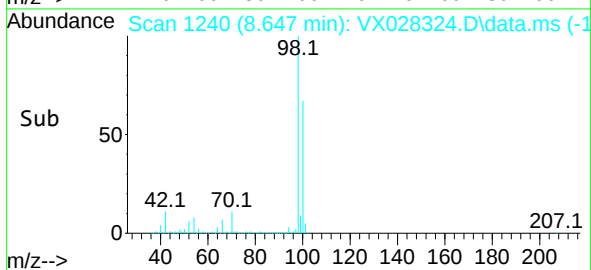
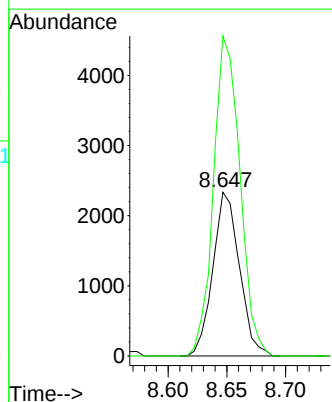
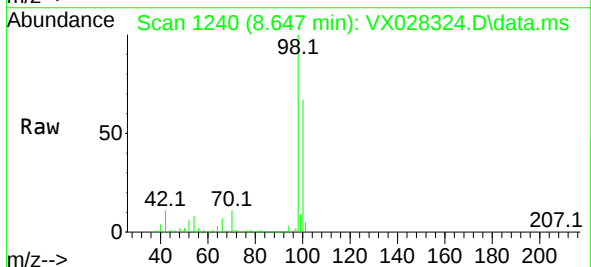
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

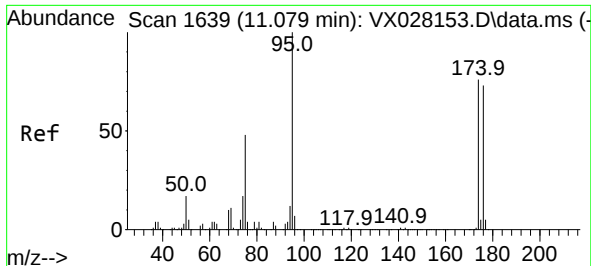
Tgt Ion: 98 Resp: 920644
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

Tgt Ion: 43 Resp: 3667
Ion Ratio Lower Upper
43 100
58 195.3 36.1 54.1#

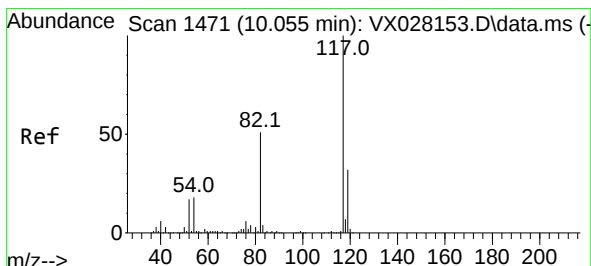
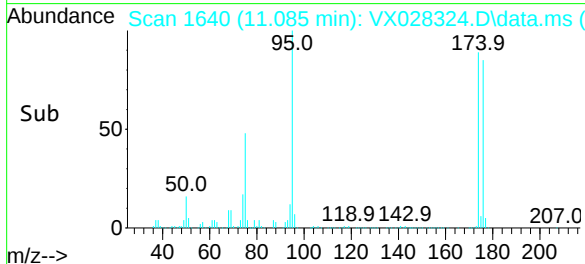
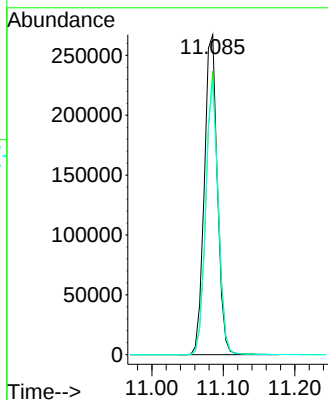
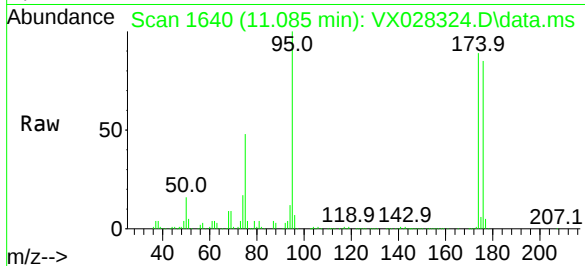




#62
4-Bromofluorobenzene
Concen: 50.400 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

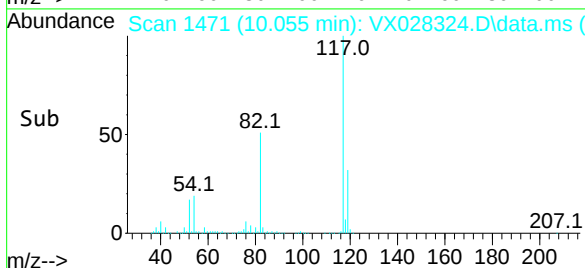
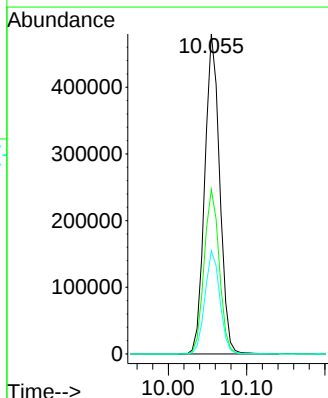
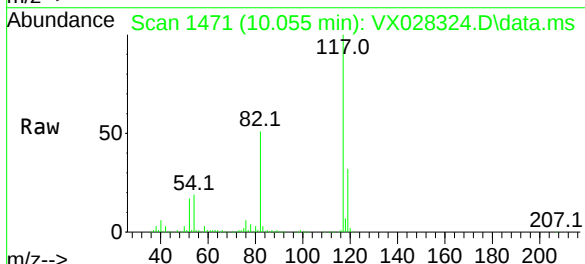
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

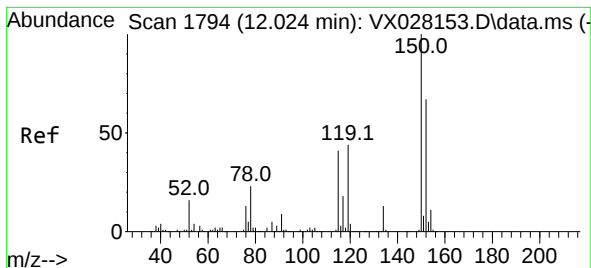
Tgt Ion: 95 Resp: 338974
Ion Ratio Lower Upper
95 100
174 84.3 0.0 163.0
176 82.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028324.D
Acq: 25 Apr 2022 14:14

Tgt Ion: 117 Resp: 634454
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.2 24.8 37.2

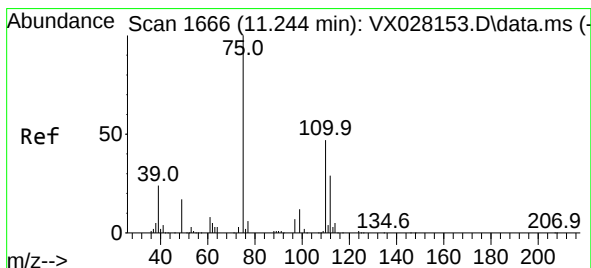
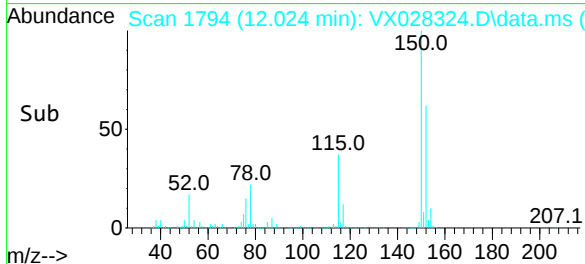
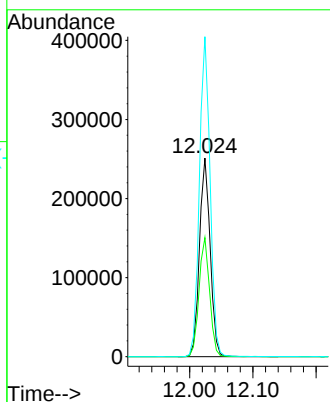
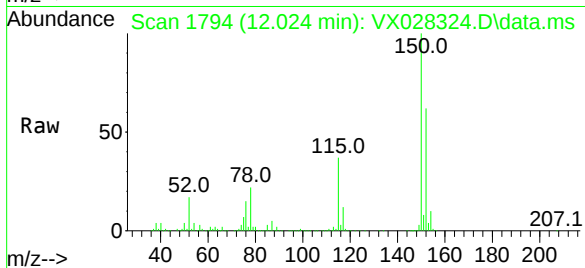




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028324.D
 Acq: 25 Apr 2022 14:14

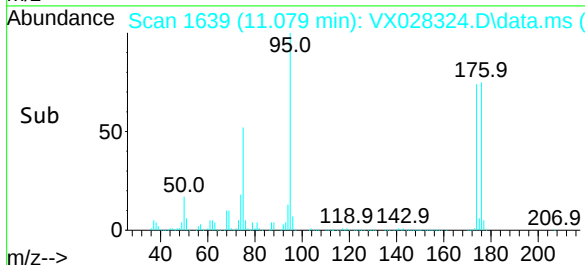
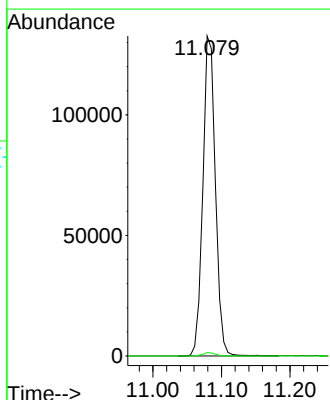
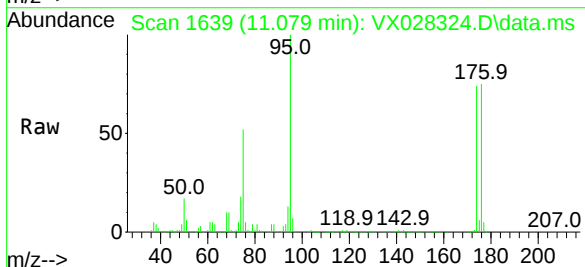
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

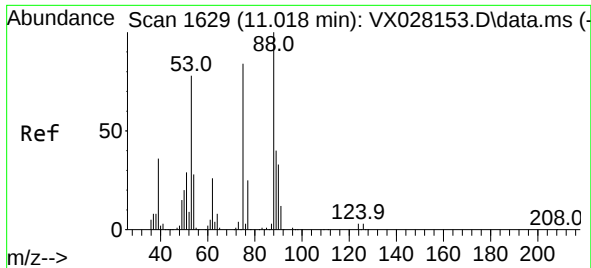
Tgt Ion:152 Resp: 296376
 Ion Ratio Lower Upper
 152 100
 115 59.5 37.5 112.7
 150 160.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 29.010 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028324.D
 Acq: 25 Apr 2022 14:14

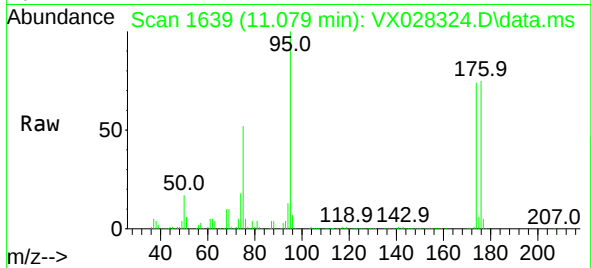
Tgt Ion: 75 Resp: 169211
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.210 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028324.D
 Acq: 25 Apr 2022 14:14

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



Tgt Ion: 75 Resp: 169211
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

