

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028203.D
 Acq On : 20 Apr 2022 17:21
 Operator : JC/MD
 Sample : N2450-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Apr 21 06:14:52 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)

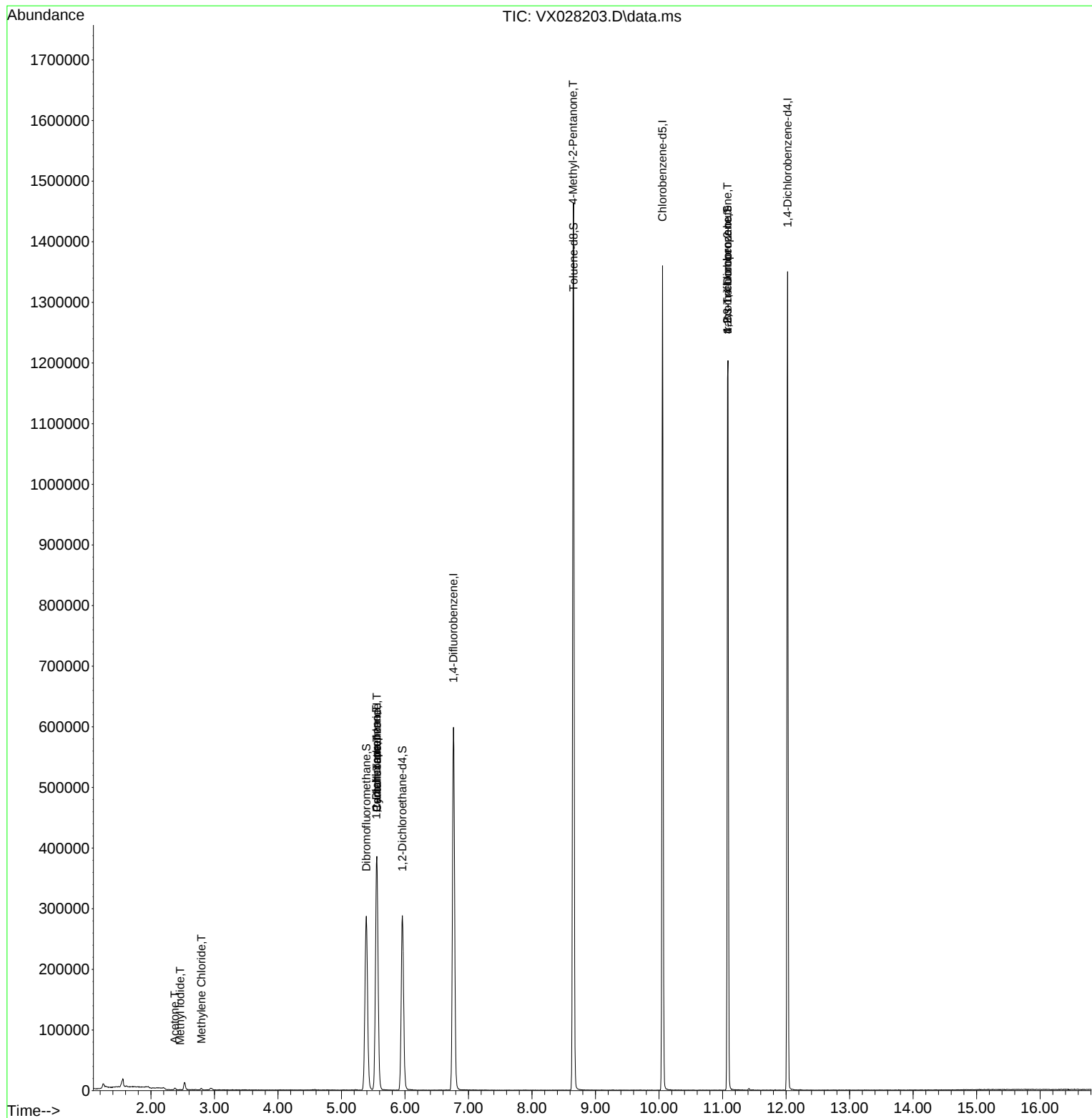
Internal Standards						
1) Pentafluorobenzene	5.556	168	376092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	648957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	608700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	283038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	272262	55.521	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.040%			
35) Dibromofluoromethane	5.391	113	248087	54.512	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.020%			
50) Toluene-d8	8.653	98	897802	51.362	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.720%			
62) 4-Bromofluorobenzene	11.079	95	325706	48.732	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.460%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	444	Below Cal	#	77
5) Bromomethane	1.611	94	805	Below Cal	#	78
6) Chloroethane	1.685	64	128	Below Cal	#	43
8) Diethyl Ether	2.105	74	23	Below Cal	#	1
10) Methyl Iodide	2.459	142	476	5.337 ug/l	#	84
11) Tert butyl alcohol	2.947	59	1491	Below Cal	#	72
16) Acetone	2.373	43	2616	0.353 ug/l		95
20) Methylene Chloride	2.794	84	1010	0.278 ug/l	#	78
31) Cyclohexane	5.556	56	7788	1.304 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	27161	4.575 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	38174	5.696 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.647	43	3575	0.568 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	163578	29.366 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	163578	87.267 ug/l	#	15

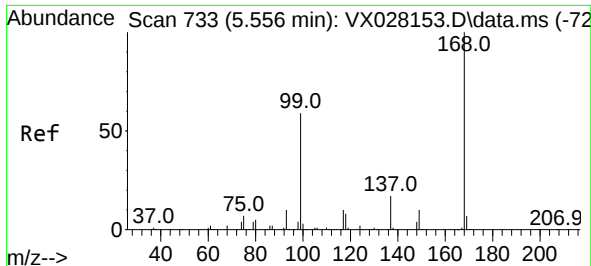
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

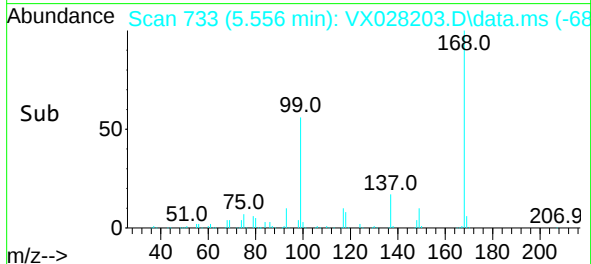
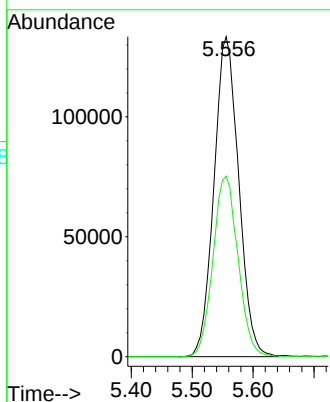
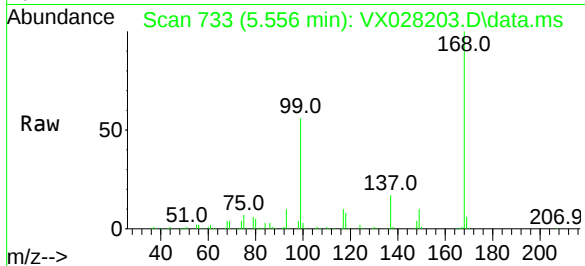




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

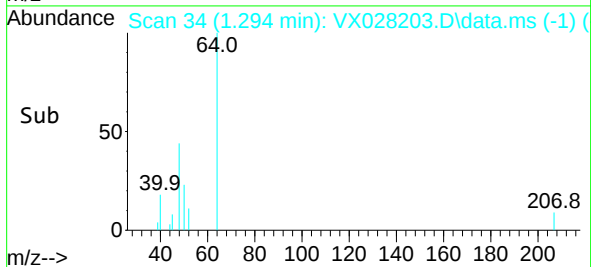
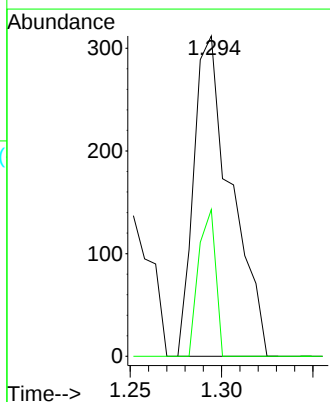
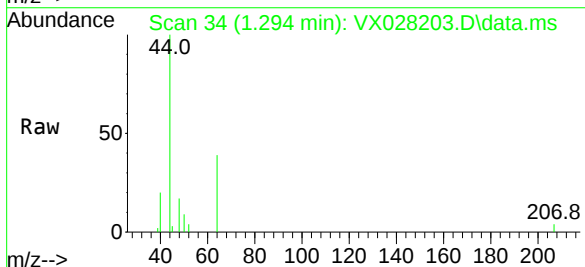
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 376092
Ion Ratio Lower Upper
168 100
99 56.4 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

Tgt Ion: 50 Resp: 444
Ion Ratio Lower Upper
50 100
52 45.8 26.4 39.6#

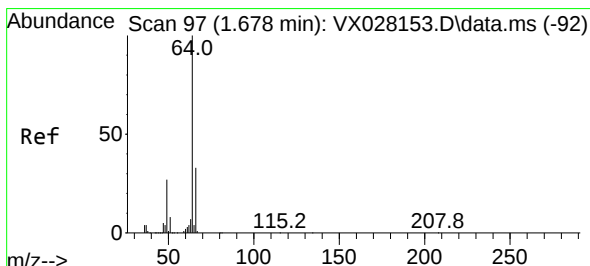
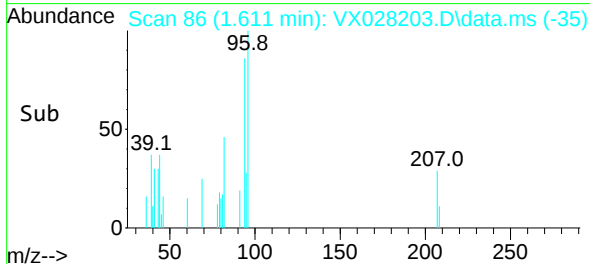
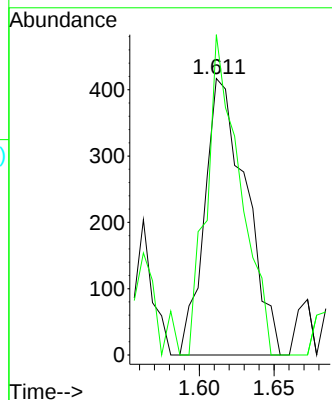
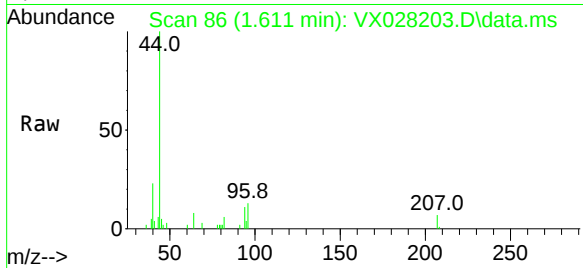




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

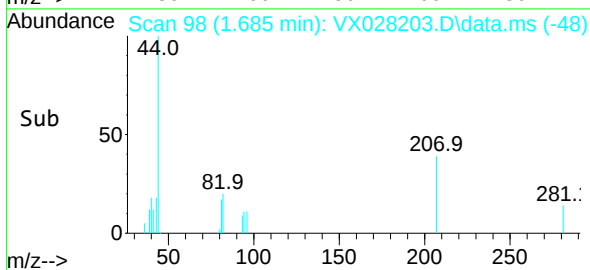
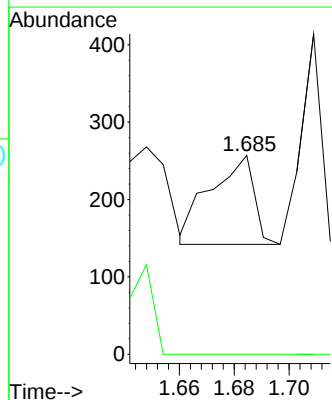
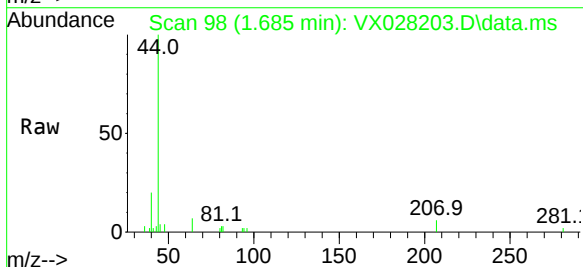
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

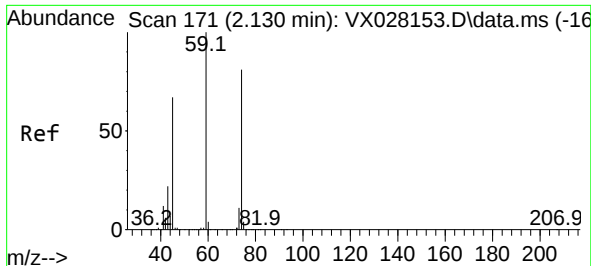
Tgt Ion: 94 Resp: 805
Ion Ratio Lower Upper
94 100
96 115.8 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

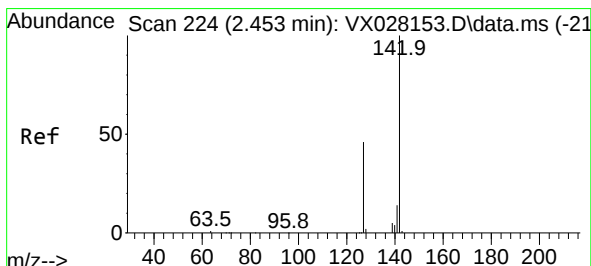
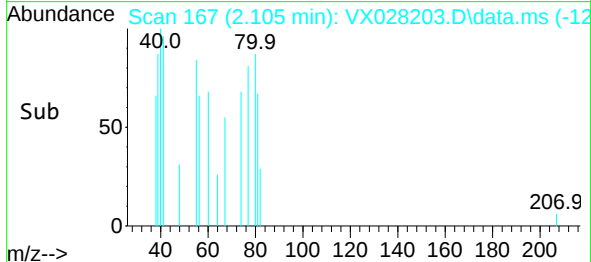
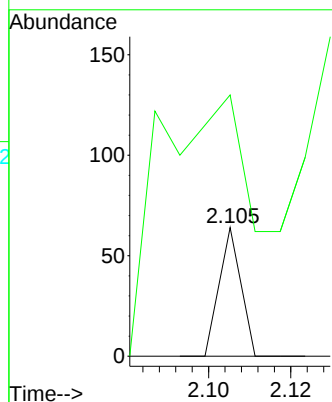
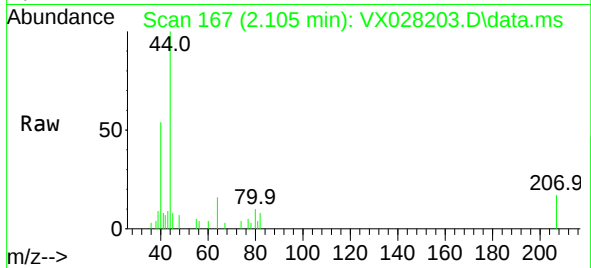




#8
Diethyl Ether
Concen: Below Cal
RT: 2.105 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

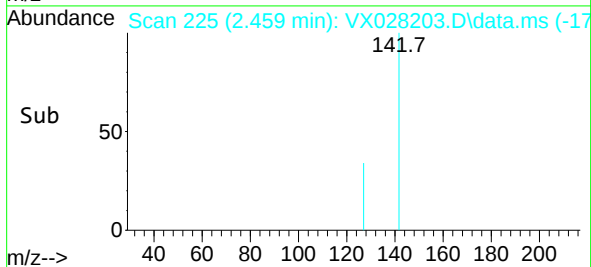
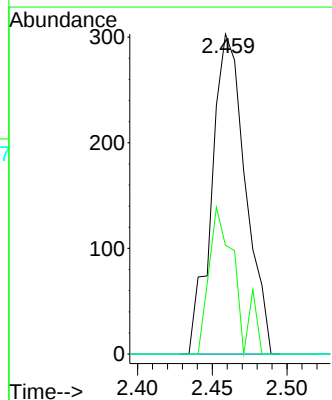
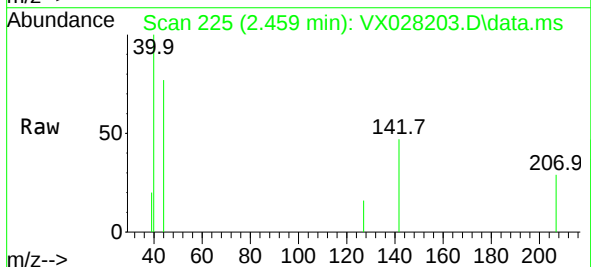
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

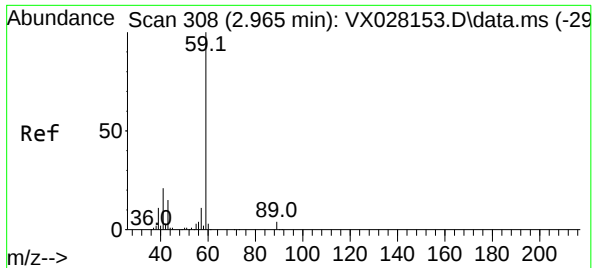
Tgt Ion: 74 Resp: 23
Ion Ratio Lower Upper
74 100
45 843.5 42.0 126.0#



#10
Methyl Iodide
Concen: 5.337 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

Tgt Ion:142 Resp: 476
Ion Ratio Lower Upper
142 100
127 35.9 33.9 50.9
141 0.0 11.4 17.2#

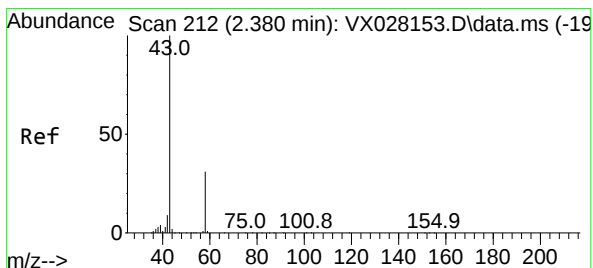
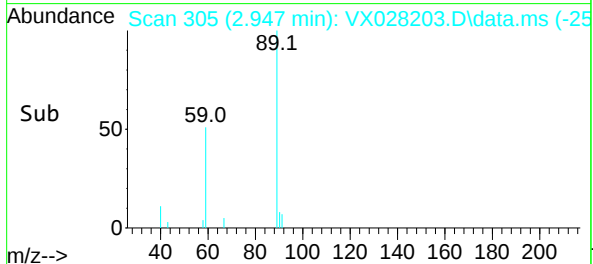
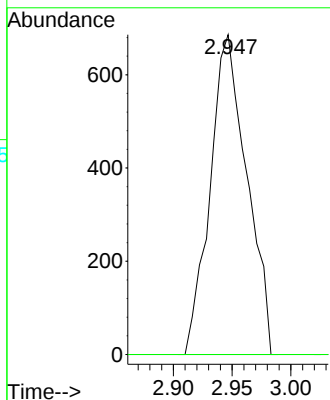
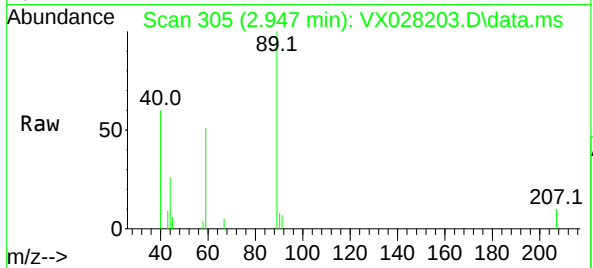




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

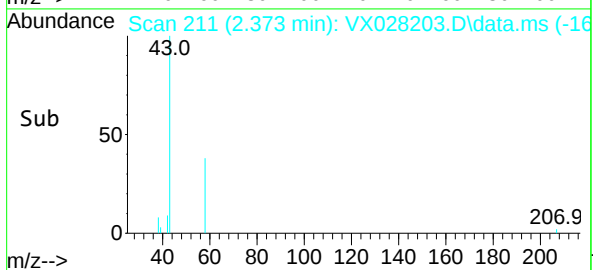
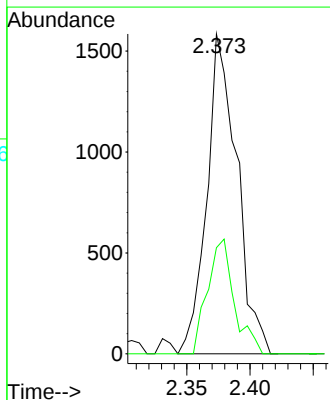
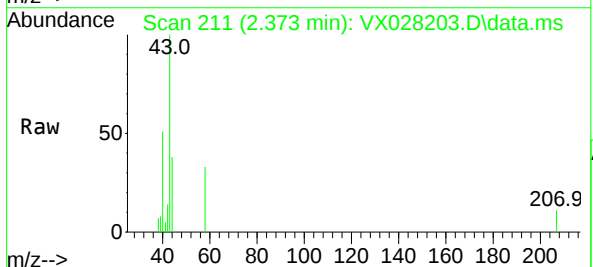
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

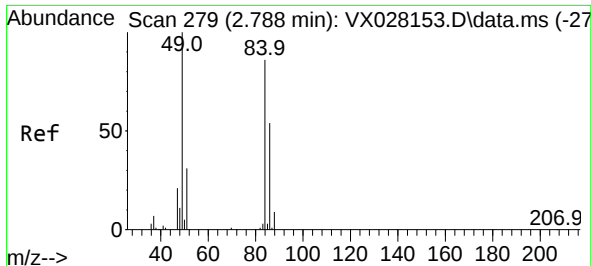
Tgt Ion: 59 Resp: 1491
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.353 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

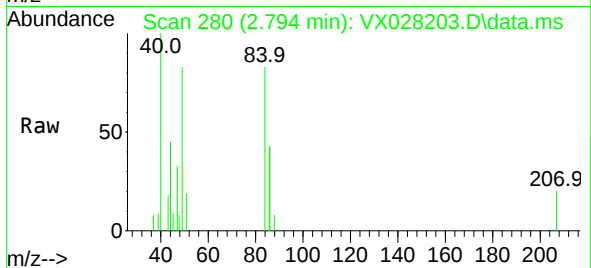
Tgt Ion: 43 Resp: 2616
Ion Ratio Lower Upper
43 100
58 33.2 28.8 43.2



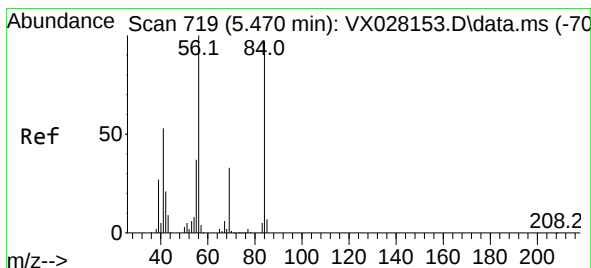
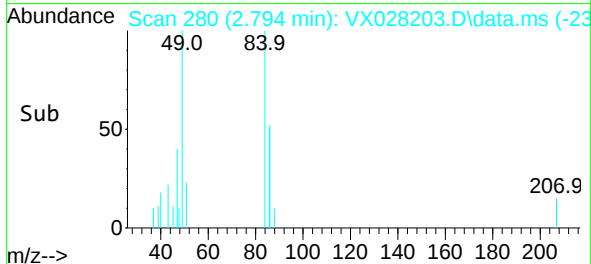
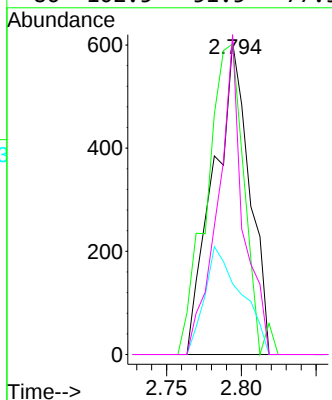


#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

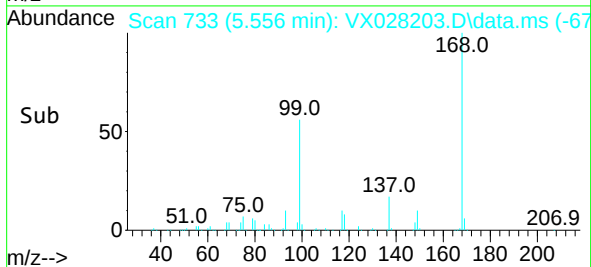
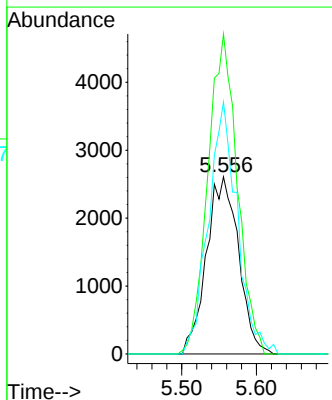
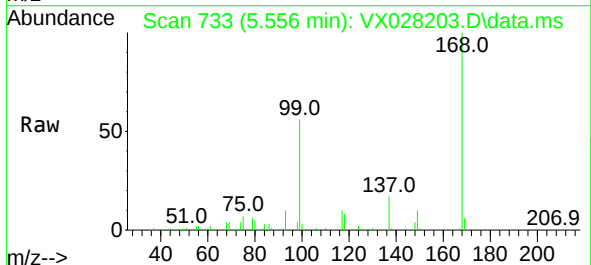


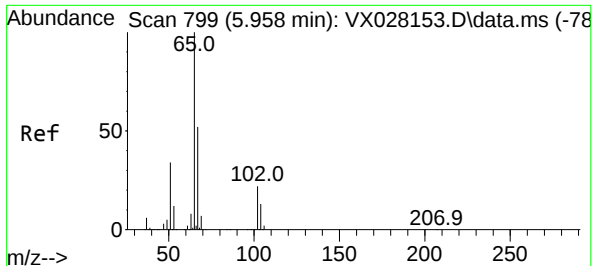
Tgt Ion: 84 Resp: 1010
Ion Ratio Lower Upper
84 100
49 99.5 85.5 128.3
51 22.6 26.6 39.8#
86 102.5 51.5 77.3#



#31
Cyclohexane
Concen: 1.304 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

Tgt Ion: 56 Resp: 7788
Ion Ratio Lower Upper
56 100
69 180.7 26.7 40.1#
84 142.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 55.521 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028203.D

Acq: 20 Apr 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :

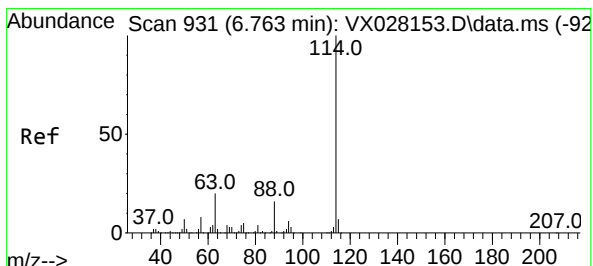
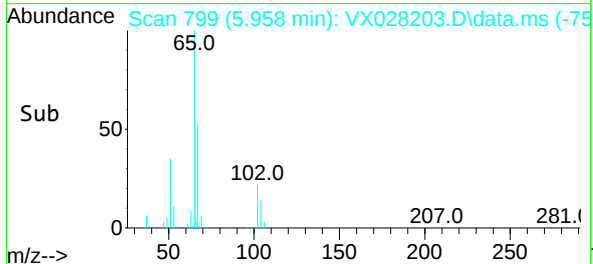
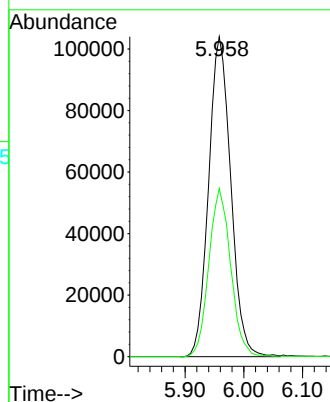
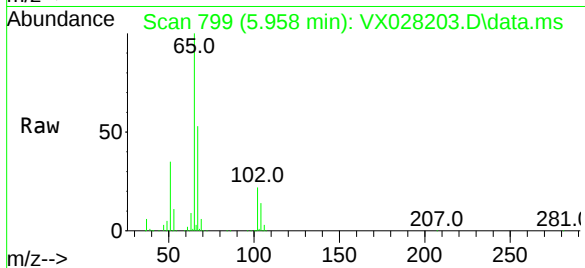
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 272262

Ion Ratio Lower Upper

65 100

67 51.9 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: VX028203.D

Acq: 20 Apr 2022 17:21

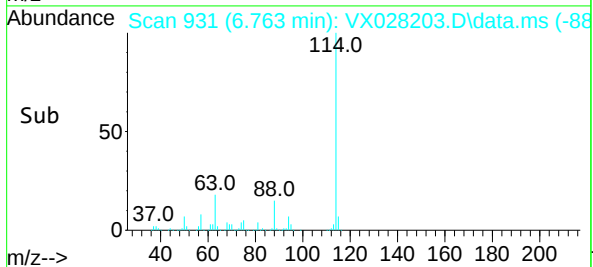
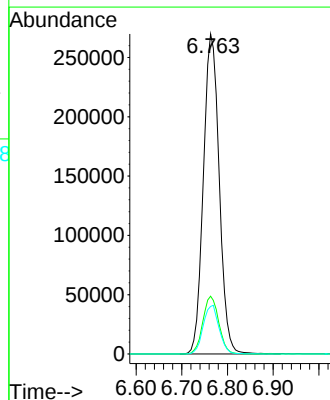
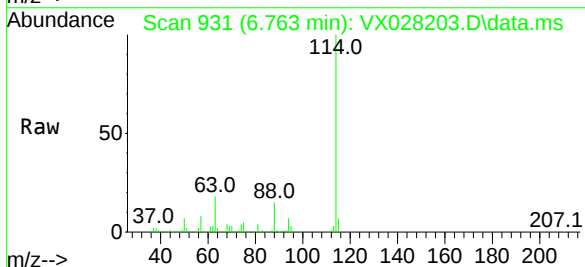
Tgt Ion: 114 Resp: 648957

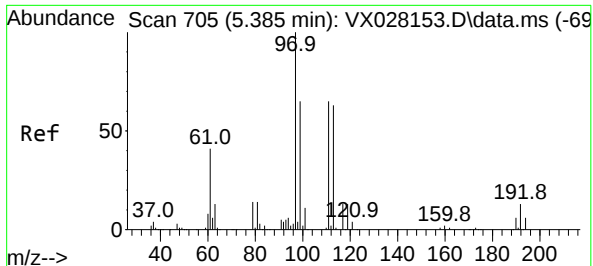
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 14.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.512 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028203.D

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Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

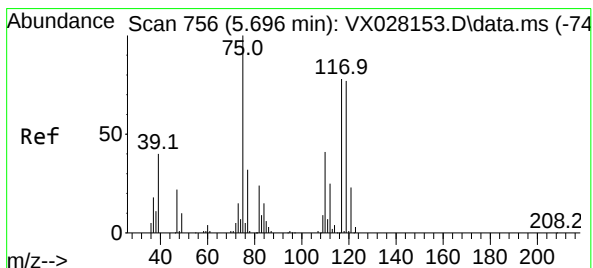
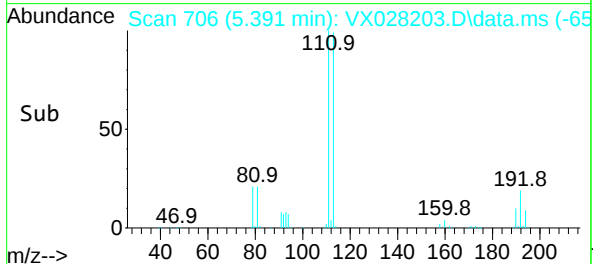
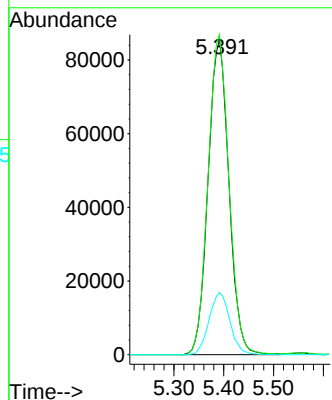
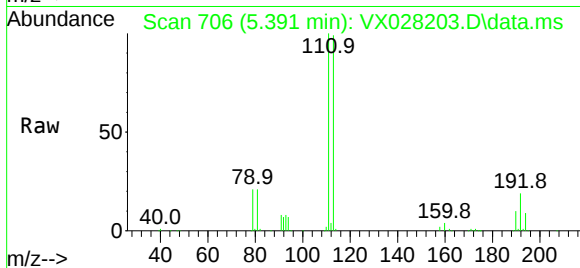
Tgt Ion:113 Resp: 248087

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 19.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.575 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX028203.D

Acq: 20 Apr 2022 17:21

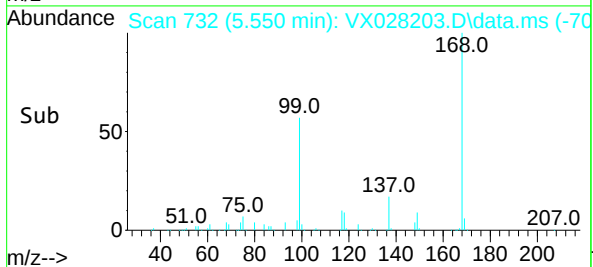
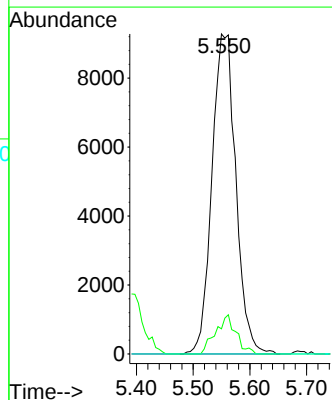
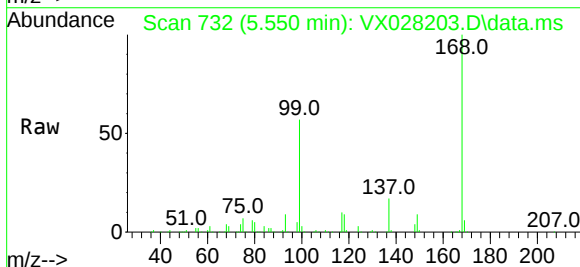
Tgt Ion: 75 Resp: 27161

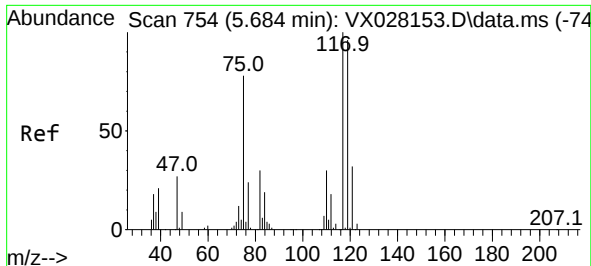
Ion Ratio Lower Upper

75 100

110 10.5 18.3 54.8#

77 0.0 24.8 37.2#

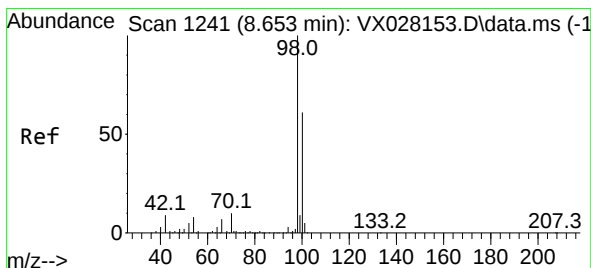
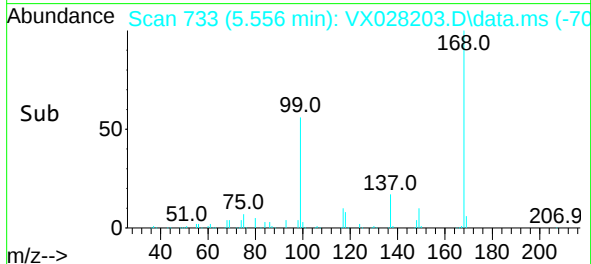
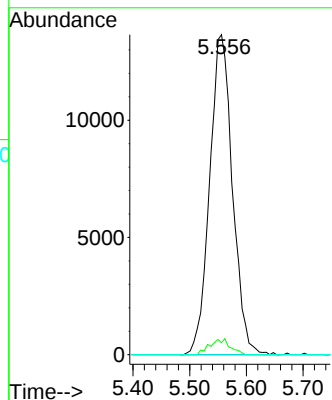
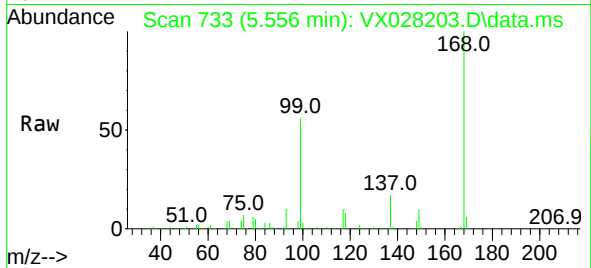




#38
Carbon Tetrachloride
Concen: 5.696 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

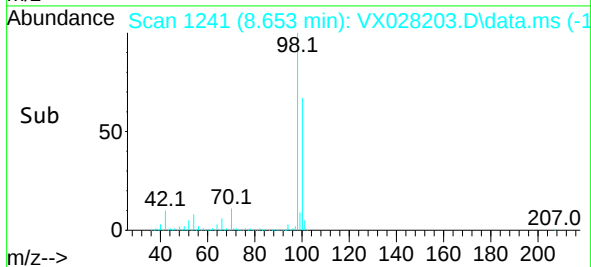
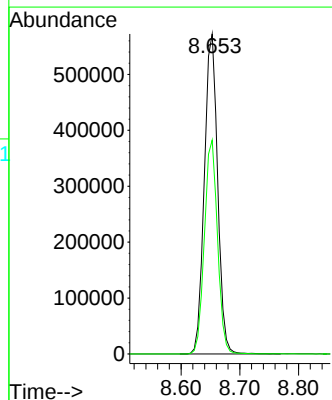
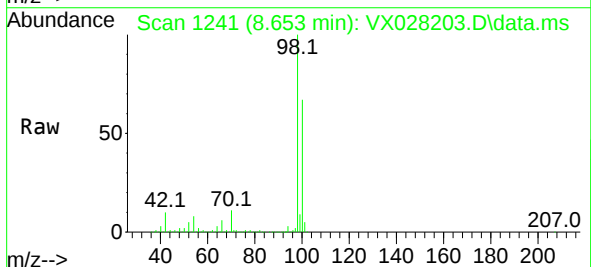
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

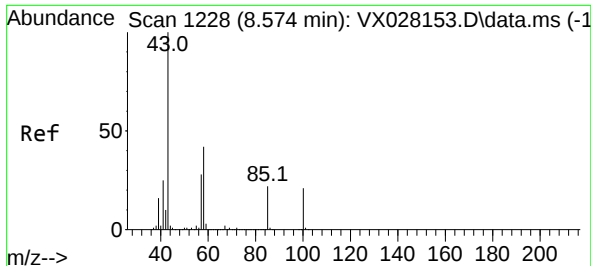
Tgt Ion:117 Resp: 38174
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.362 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

Tgt Ion: 98 Resp: 897802
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

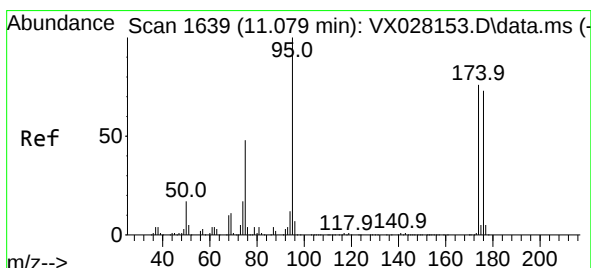
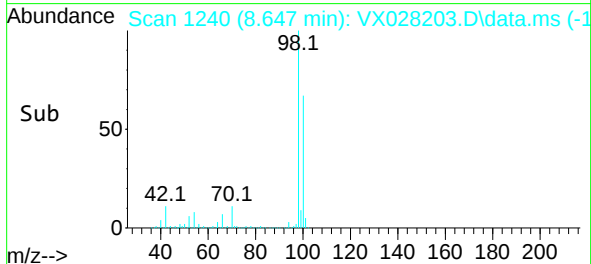
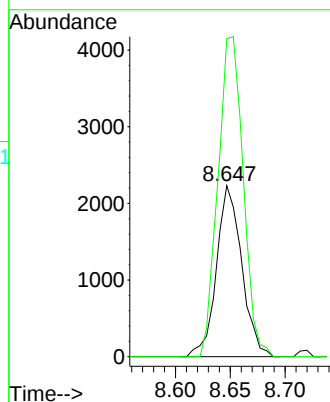
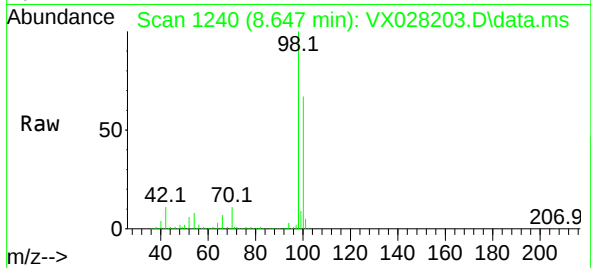




#51
4-Methyl-2-Pentanone
Concen: 0.568 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

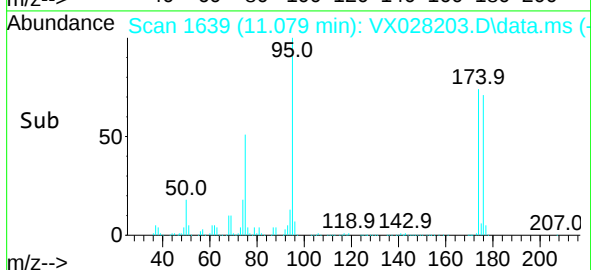
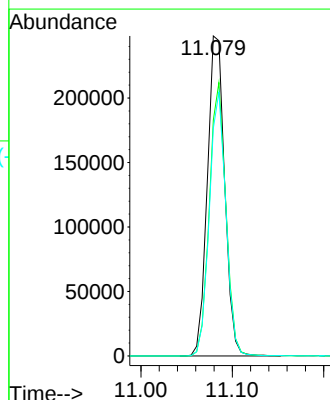
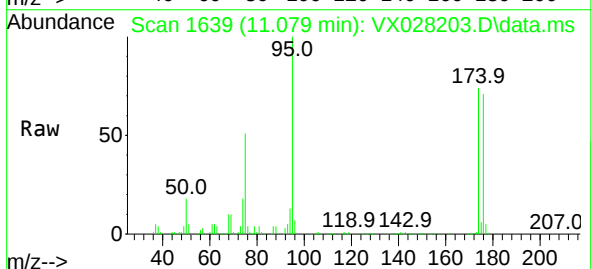
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

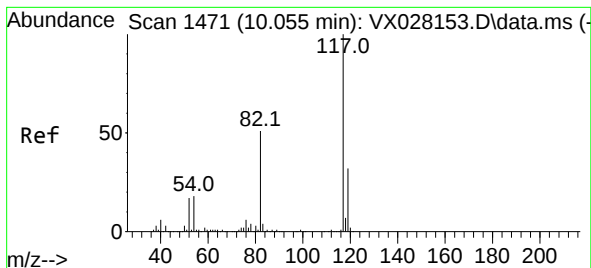
Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
58 187.6 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 48.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

Tgt Ion: 95 Resp: 325706
Ion Ratio Lower Upper
95 100
174 81.5 0.0 163.0
176 78.7 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: VX028203.D

Acq: 20 Apr 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

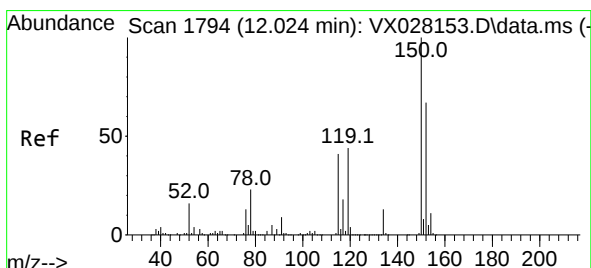
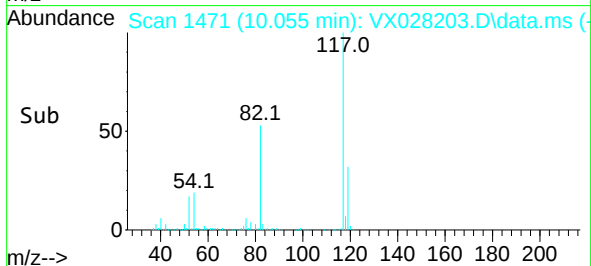
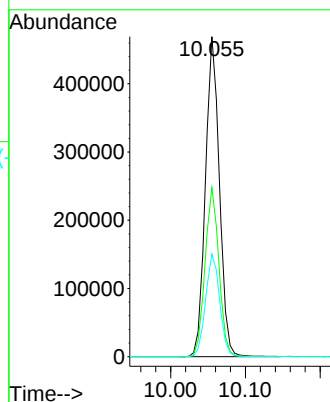
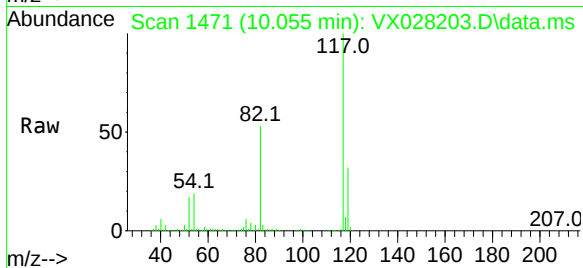
Tgt Ion:117 Resp: 608700

Ion Ratio Lower Upper

117 100

82 52.8 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: VX028203.D

Acq: 20 Apr 2022 17:21

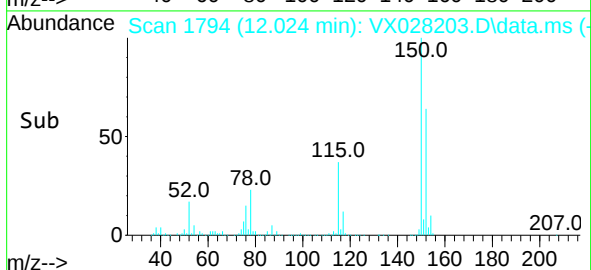
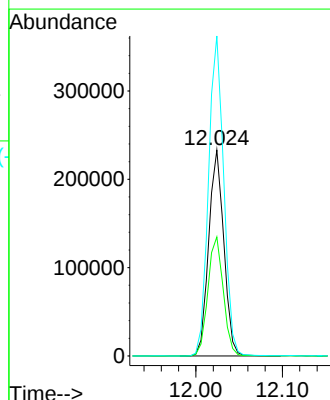
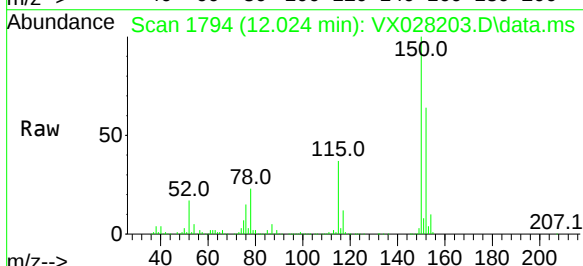
Tgt Ion:152 Resp: 283038

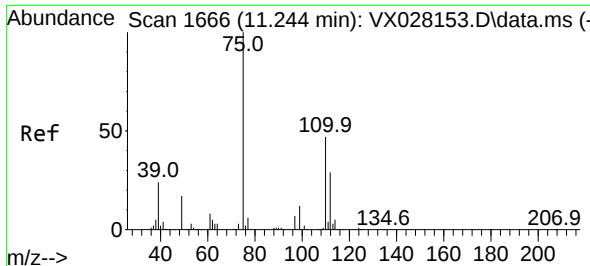
Ion Ratio Lower Upper

152 100

115 58.8 37.5 112.7

150 156.2 0.0 338.2

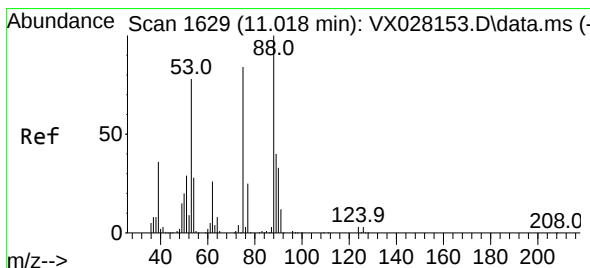
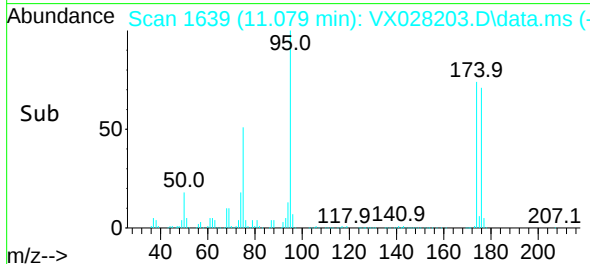
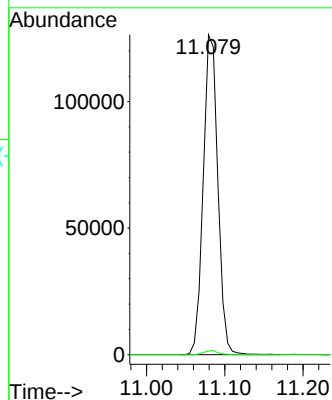
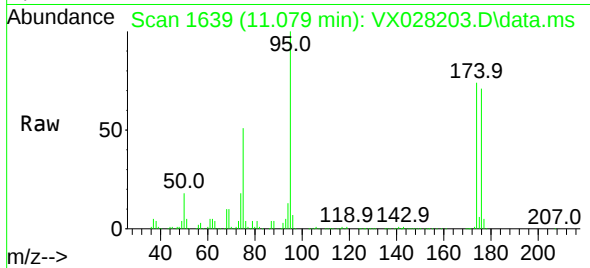




#76
1,2,3-Trichloropropane
Concen: 29.366 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 163578
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.267 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028203.D
Acq: 20 Apr 2022 17:21

Tgt Ion: 75 Resp: 163578
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

