

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028323.D
 Acq On : 25 Apr 2022 13:51
 Operator : JC/MD
 Sample : N2547-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 26 08:10:45 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)

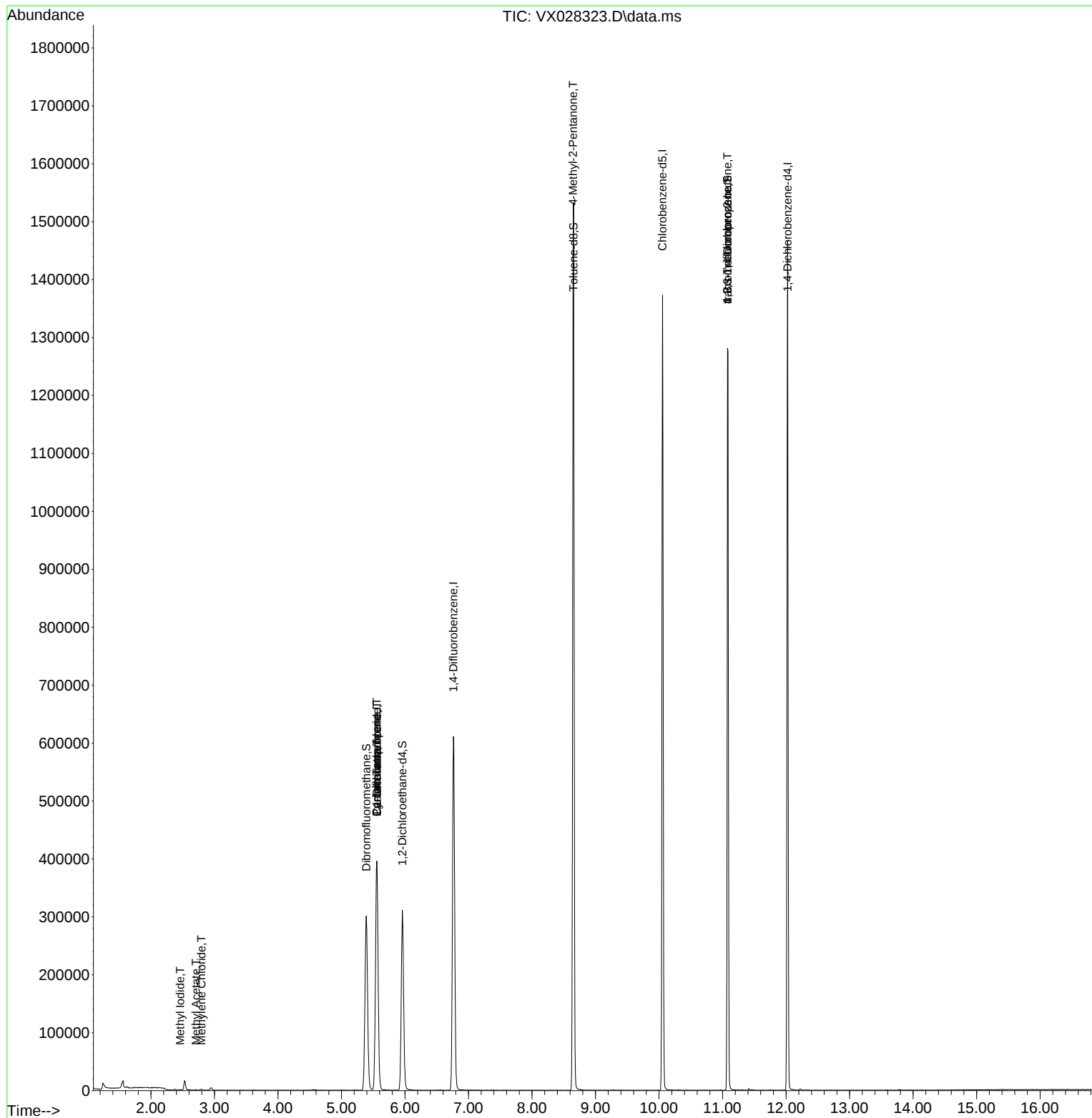
Internal Standards						
1) Pentafluorobenzene	5.556	168	393206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	658872	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	633698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	295358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	283826	55.360	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.720%	
35) Dibromofluoromethane	5.391	113	259219	56.100	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 112.200%	
50) Toluene-d8	8.653	98	950118	53.537	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	11.079	95	341354	50.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	529	Below Cal	#	88
5) Bromomethane	1.612	94	1067	Below Cal		91
6) Chloroethane	1.660	64	224	Below Cal	#	43
8) Diethyl Ether	2.197	74	46	Below Cal	#	1
10) Methyl Iodide	2.459	142	1086	5.458	ug/l #	92
11) Tert butyl alcohol	2.941	59	2323	Below Cal	#	72
16) Acetone	2.380	43	1385	Below Cal		88
18) Methyl Acetate	2.709	43	988	0.217	ug/l #	61
20) Methylene Chloride	2.794	84	905	0.238	ug/l #	59
31) Cyclohexane	5.556	56	7132	1.142	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	28104	4.663	ug/l #	50
38) Carbon Tetrachloride	5.556	117	38691	5.687	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	3863	0.605	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	169705	29.195	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	169705	86.759	ug/l #	15

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

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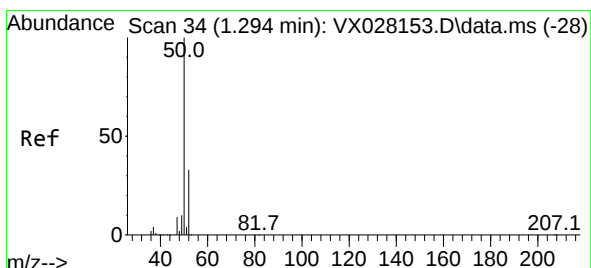
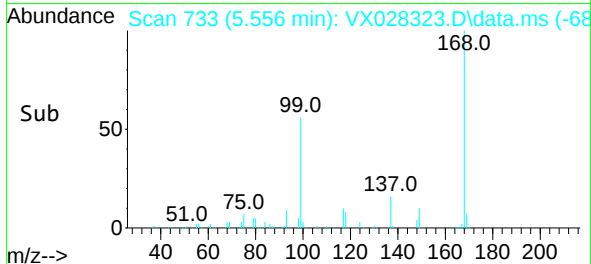
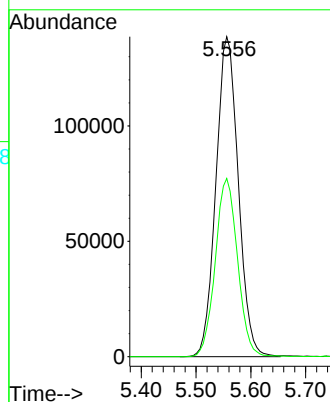
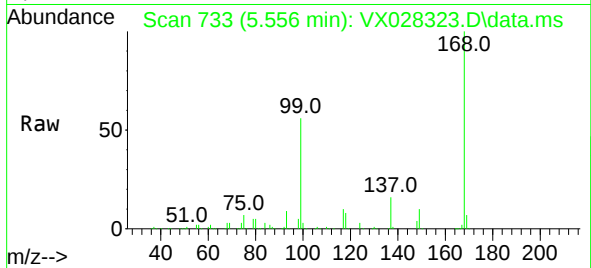




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

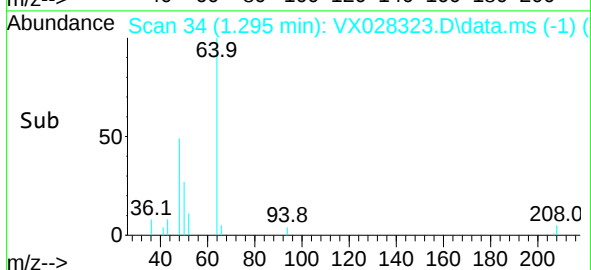
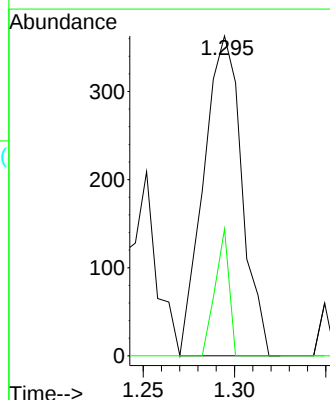
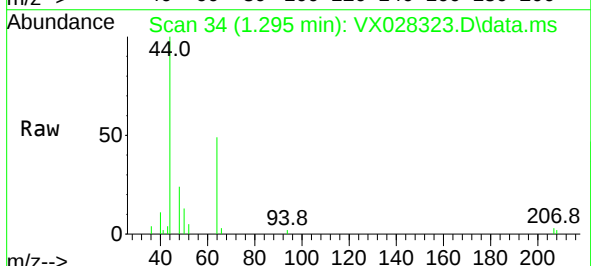
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 393206
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

Tgt Ion: 50 Resp: 529
Ion Ratio Lower Upper
50 100
52 39.7 26.4 39.6#

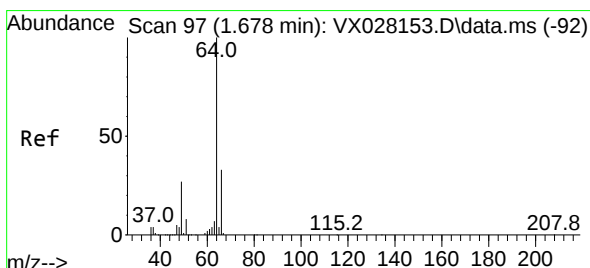
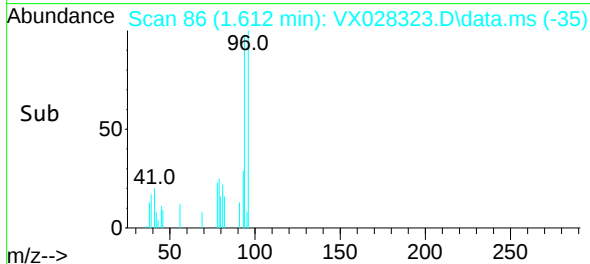
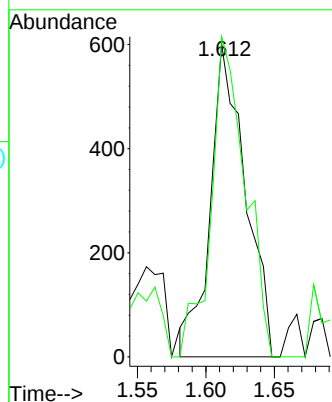
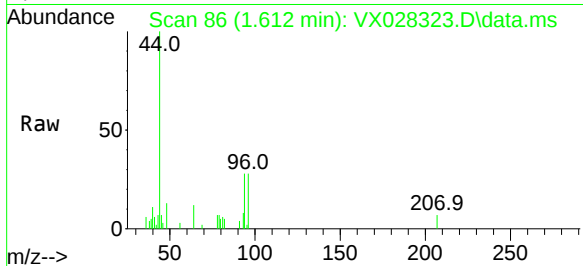




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 84
Delta R.T. 0.013 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

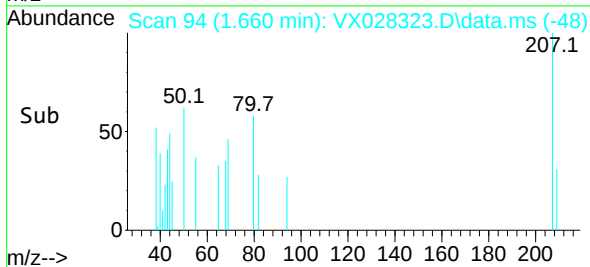
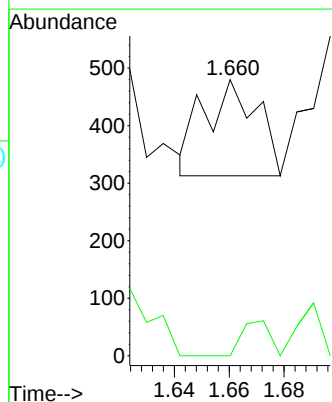
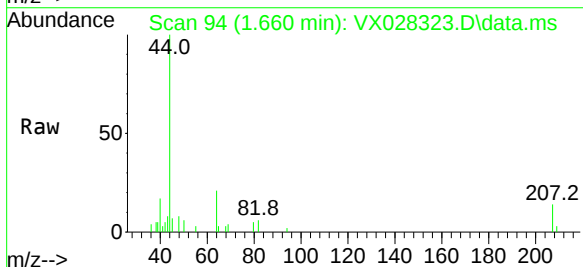
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

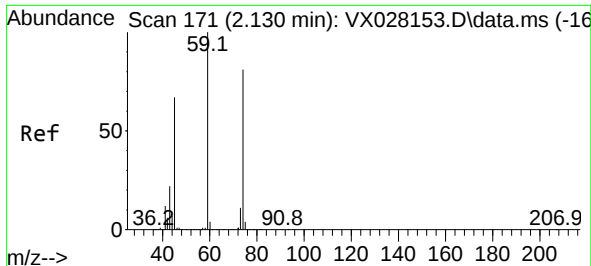
Tgt Ion: 94 Resp: 1067
Ion Ratio Lower Upper
94 100
96 102.3 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

Tgt Ion: 64 Resp: 224
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

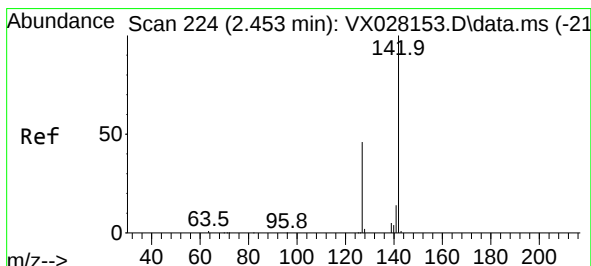
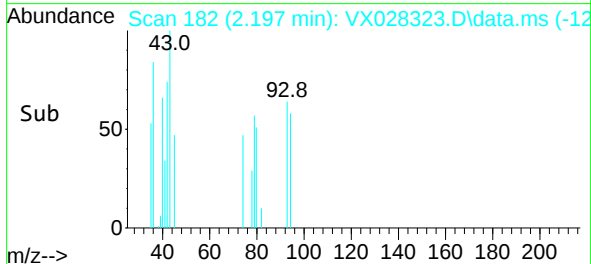
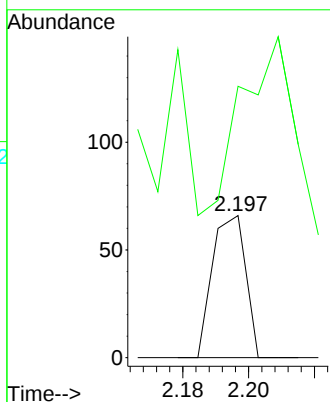
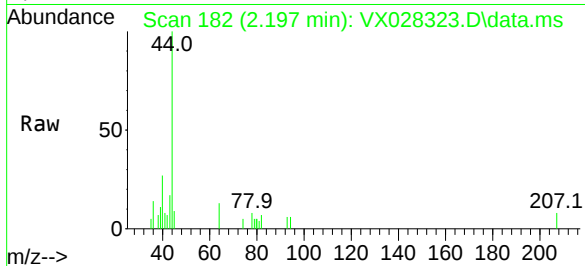




#8
Diethyl Ether
Concen: Below Cal
RT: 2.197 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

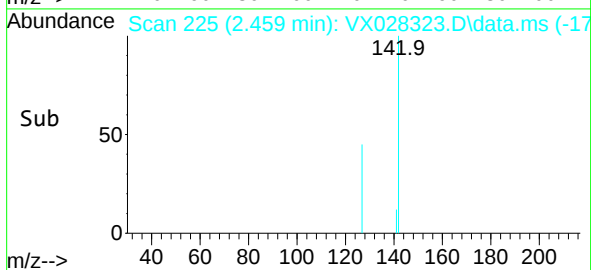
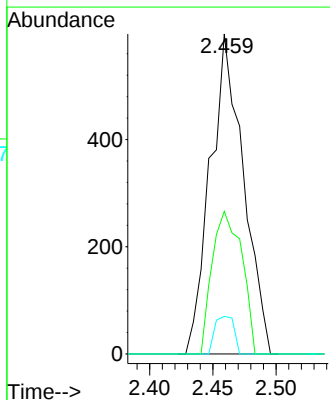
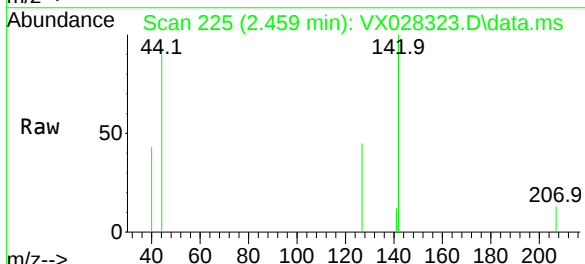
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

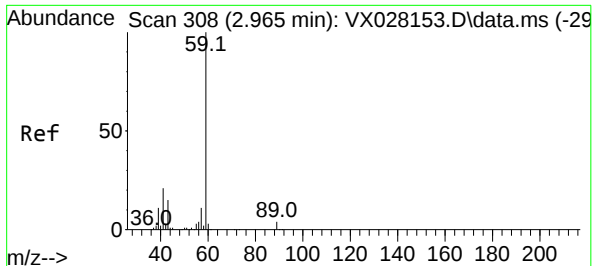
Tgt Ion: 74 Resp: 46
Ion Ratio Lower Upper
74 100
45 439.1 42.0 126.0#



#10
Methyl Iodide
Concen: 5.458 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

Tgt Ion:142 Resp: 1086
Ion Ratio Lower Upper
142 100
127 39.9 33.9 50.9
141 6.7 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX028323.D

Acq: 25 Apr 2022 13:51

Instrument :

MSVOA_X

ClientSampleId :

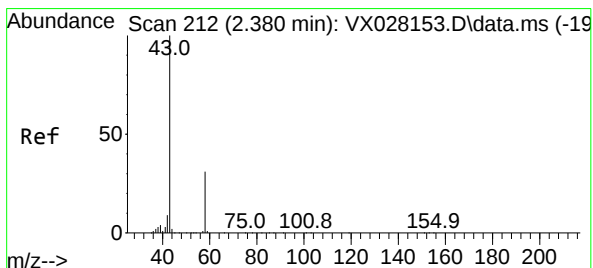
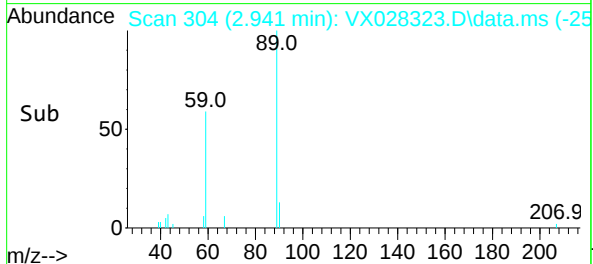
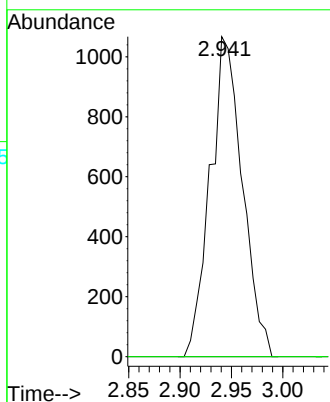
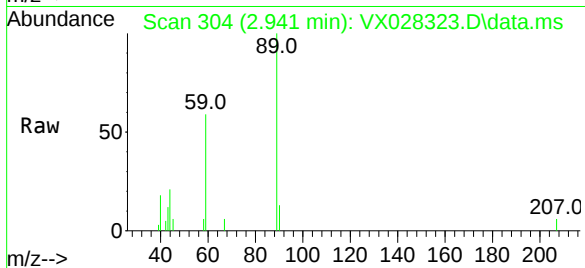
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 59 Resp: 2323

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX028323.D

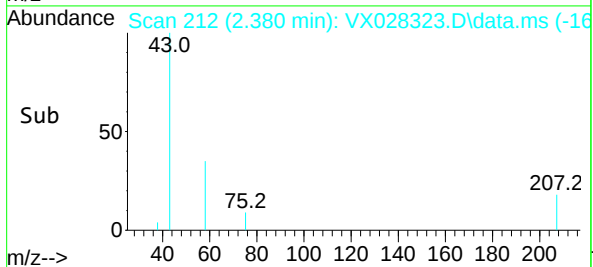
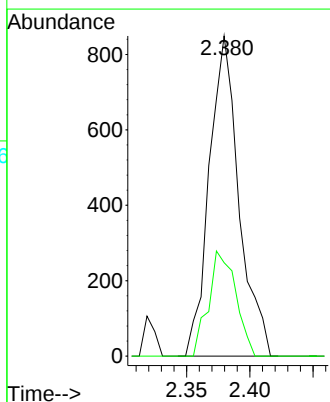
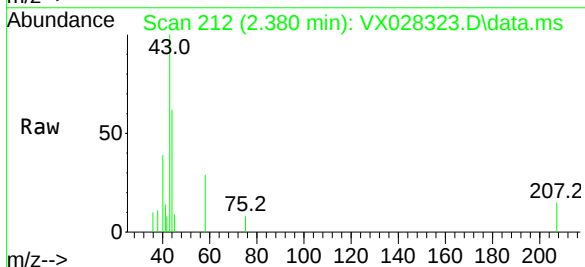
Acq: 25 Apr 2022 13:51

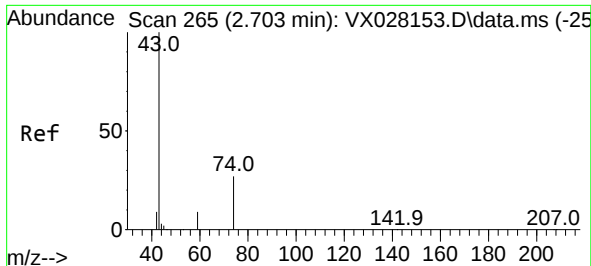
Tgt Ion: 43 Resp: 1385

Ion Ratio Lower Upper

43 100

58 29.2 28.8 43.2

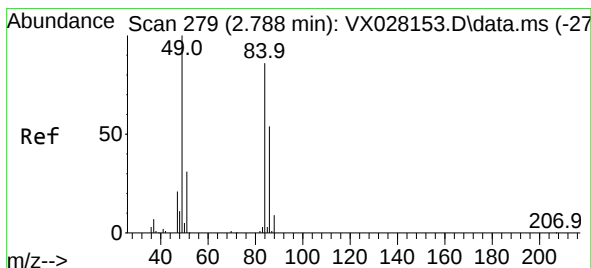
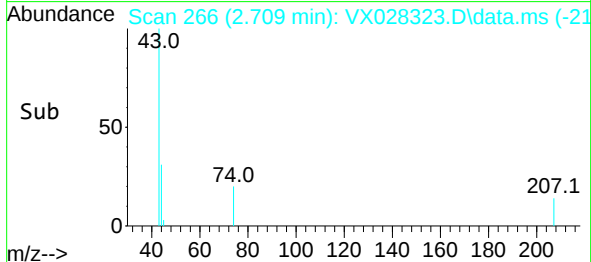
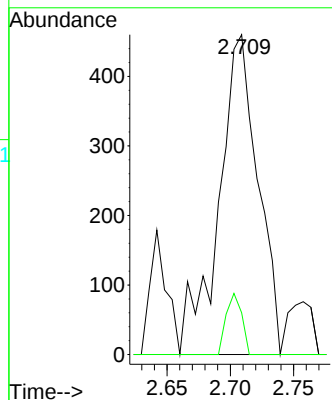
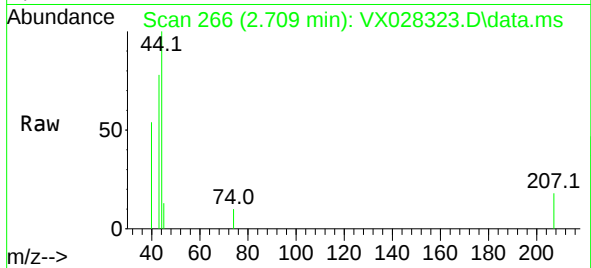




#18
Methyl Acetate
Concen: 0.217 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

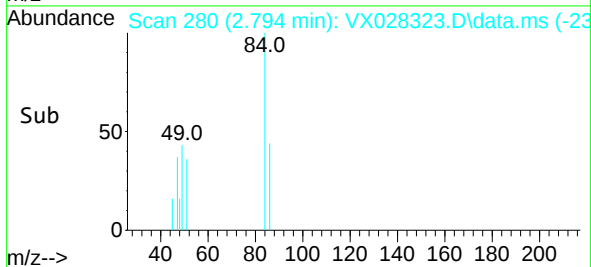
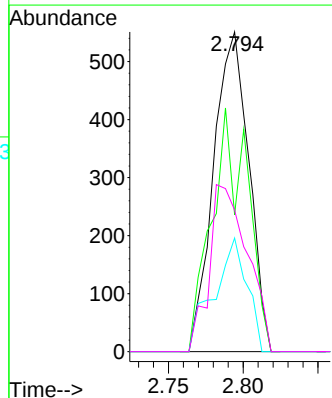
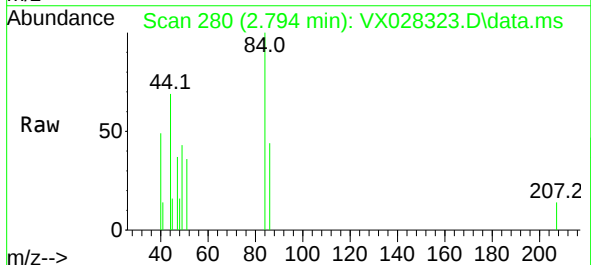
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

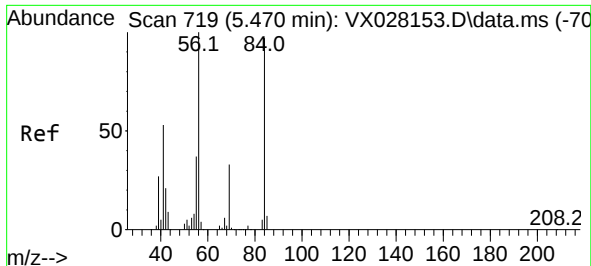
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
74 7.6 22.8 34.2#



#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

Tgt Ion: 84 Resp: 905
Ion Ratio Lower Upper
84 100
49 42.8 85.5 128.3#
51 35.6 26.6 39.8
86 44.3 51.5 77.3#

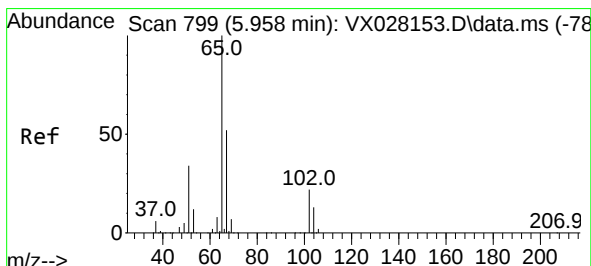
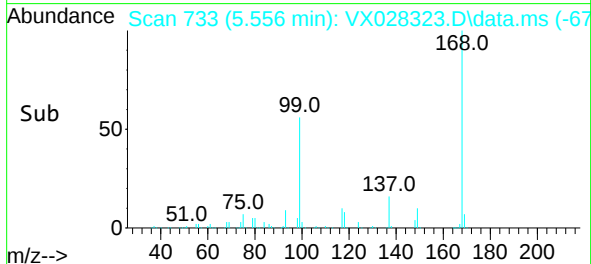
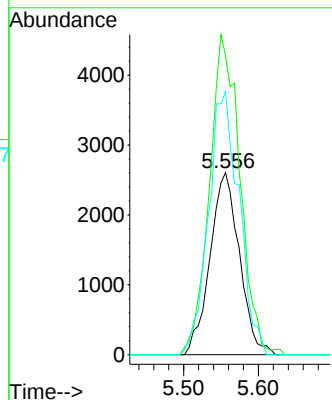
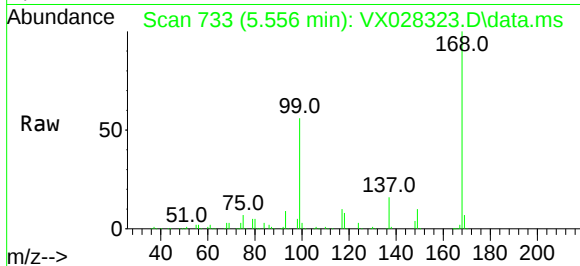




#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

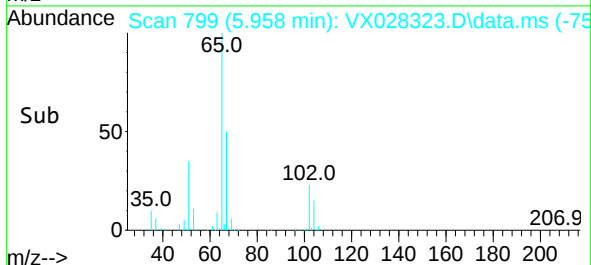
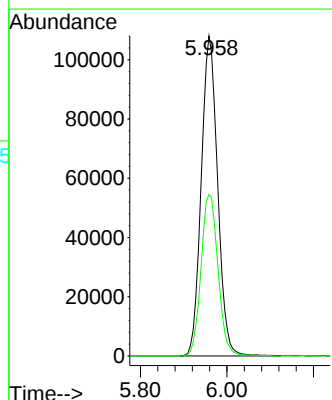
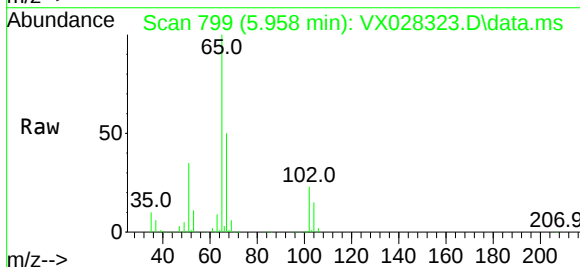
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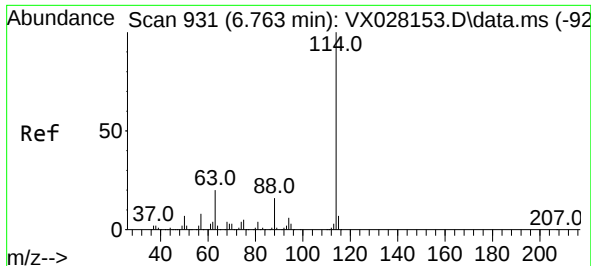
Tgt Ion: 56 Resp: 7132
Ion Ratio Lower Upper
56 100
69 164.3 26.7 40.1#
84 144.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.360 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

Tgt Ion: 65 Resp: 283826
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

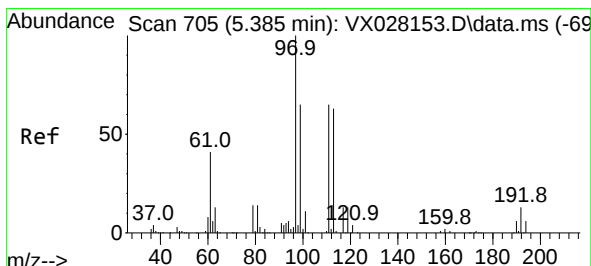
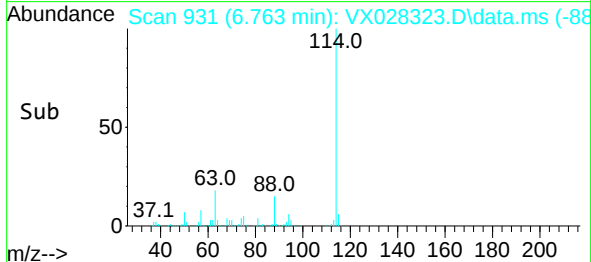
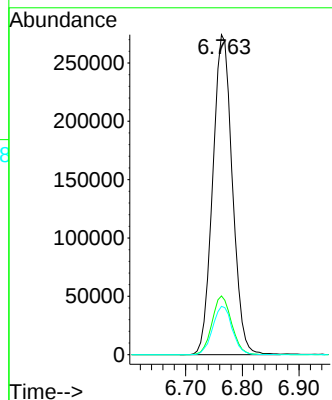
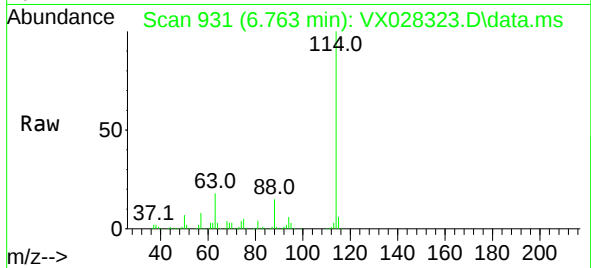




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

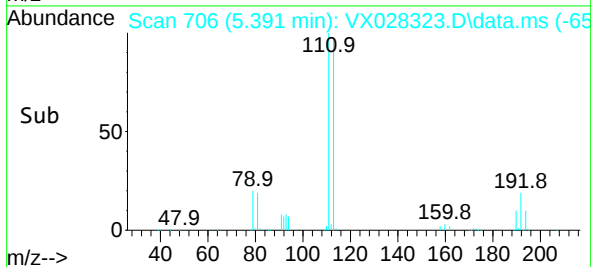
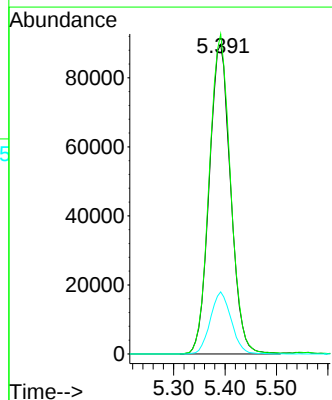
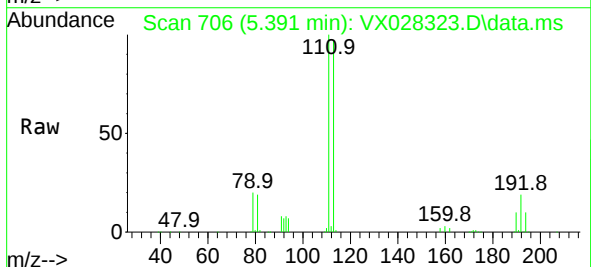
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

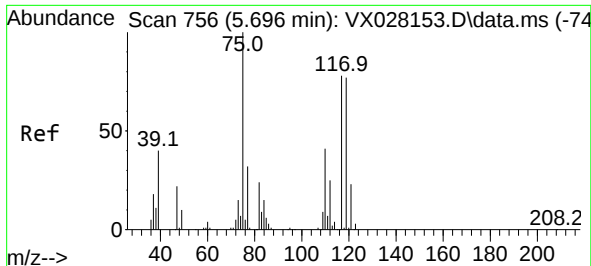
Tgt Ion:114 Resp: 658872
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 15.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 56.100 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

Tgt Ion:113 Resp: 259219
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 19.6 16.9 25.3

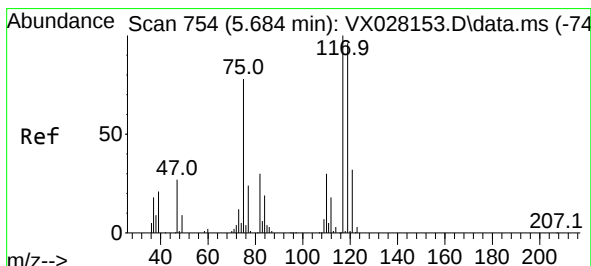
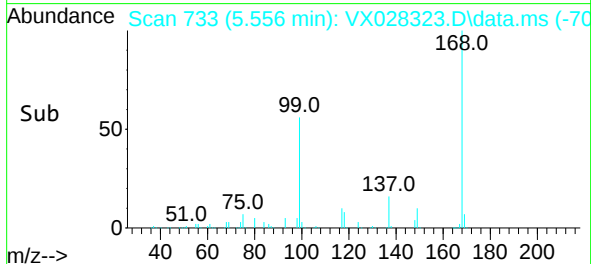
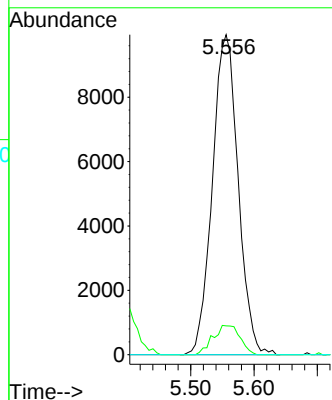
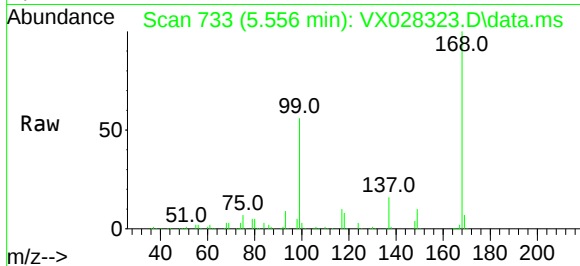




#36
1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

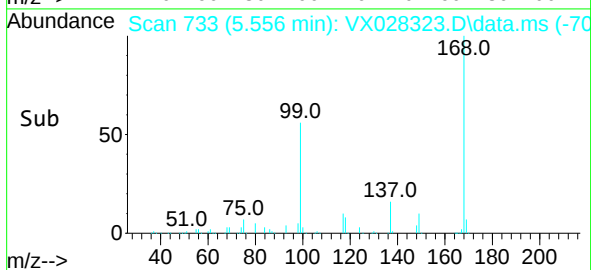
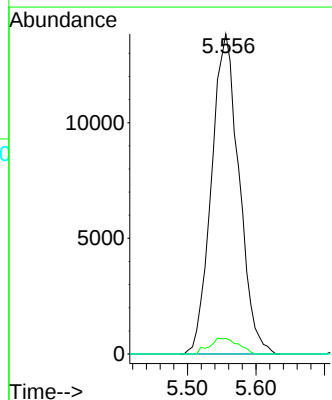
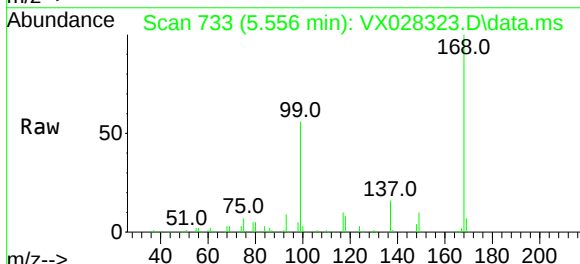
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

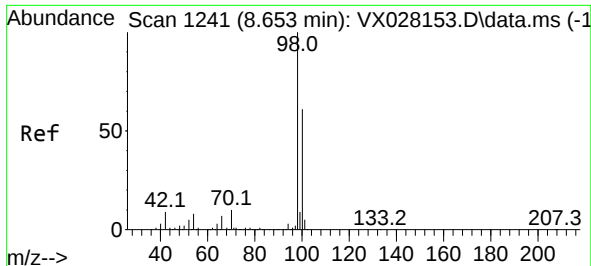
Tgt Ion: 75 Resp: 28104
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

Tgt Ion: 117 Resp: 38691
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#

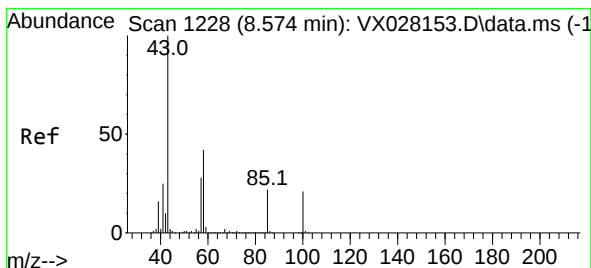
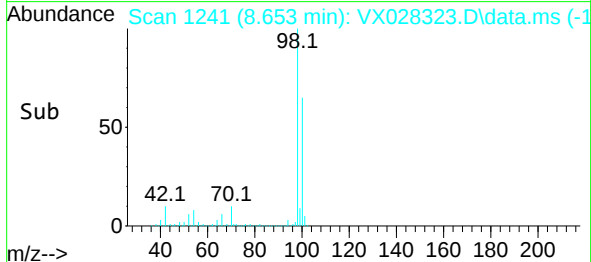
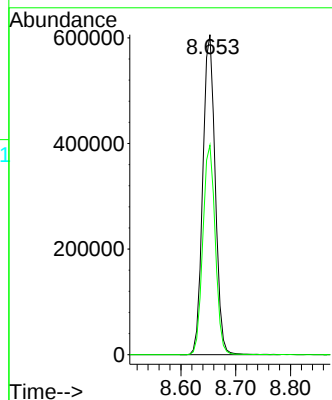
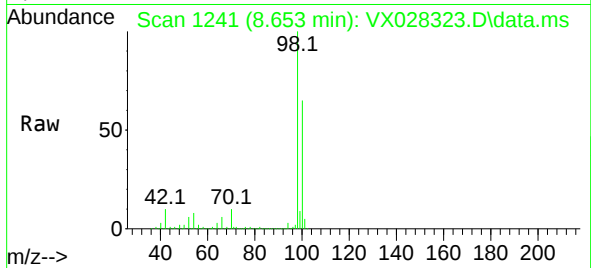




#50
Toluene-d8
Concen: 53.537 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

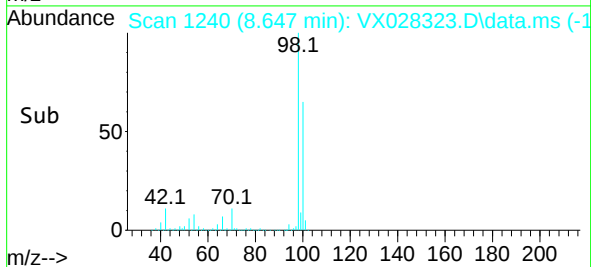
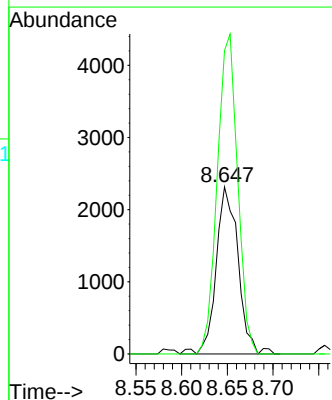
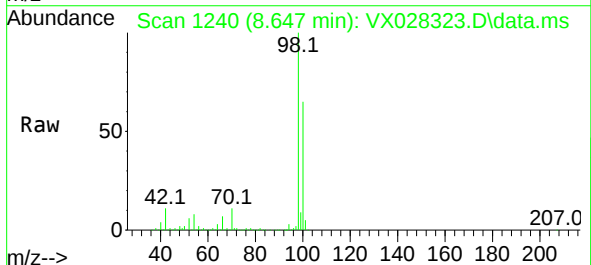
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

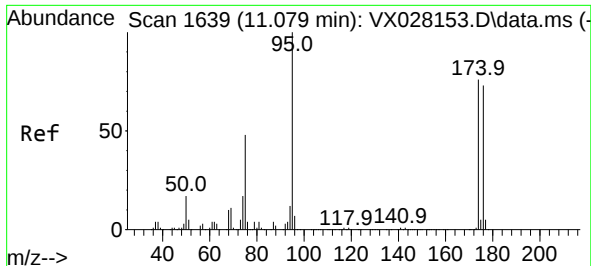
Tgt Ion: 98 Resp: 950118
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.605 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

Tgt Ion: 43 Resp: 3863
Ion Ratio Lower Upper
43 100
58 177.7 36.1 54.1#

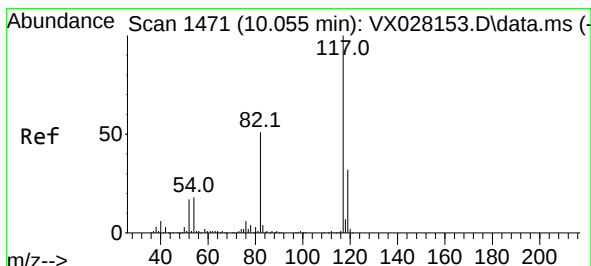
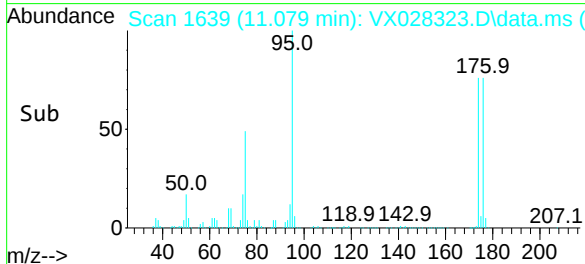
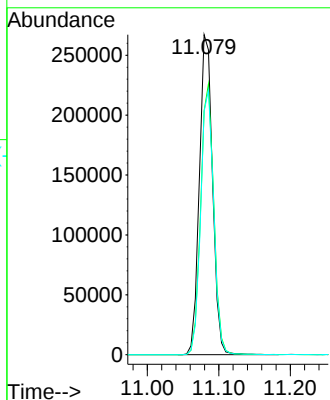
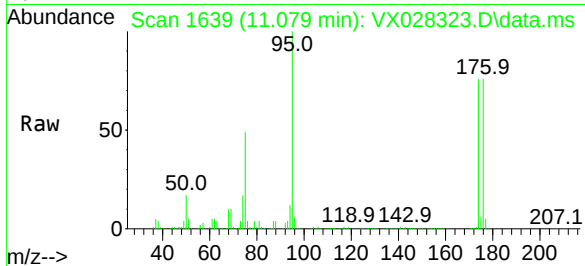




#62
4-Bromofluorobenzene
Concen: 50.305 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

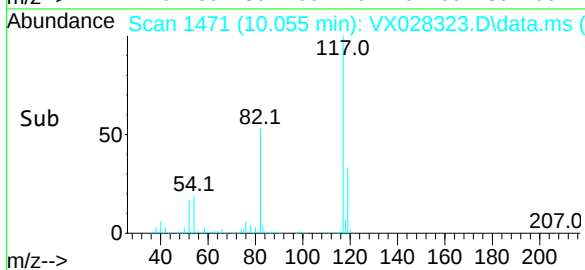
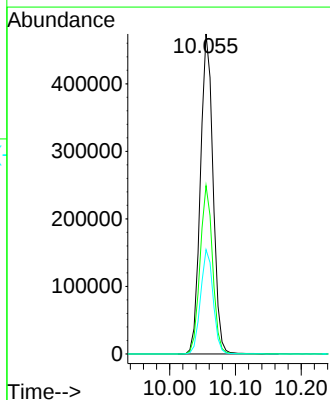
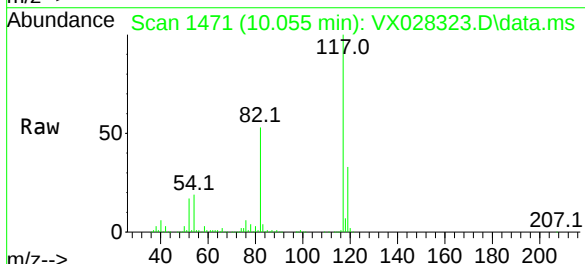
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

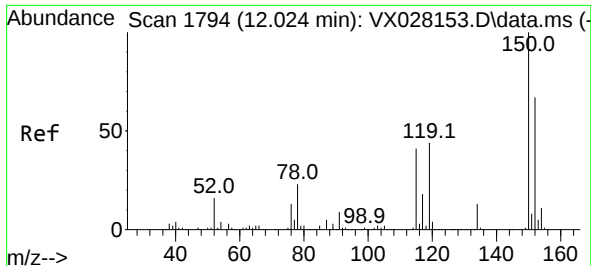
Tgt Ion: 95 Resp: 341354
Ion Ratio Lower Upper
95 100
174 84.2 0.0 163.0
176 82.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

Tgt Ion: 117 Resp: 633698
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.6 24.8 37.2

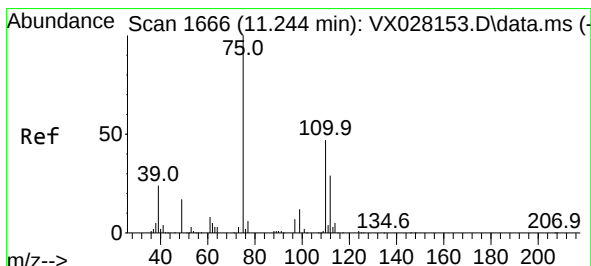
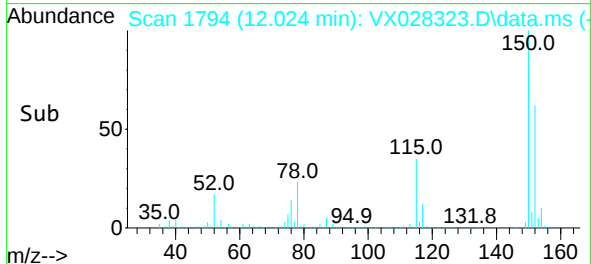
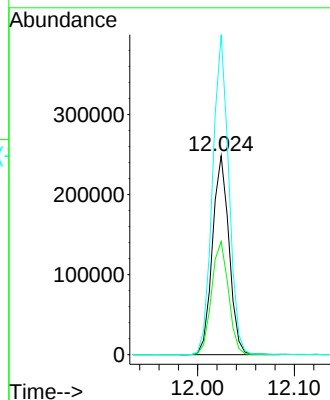
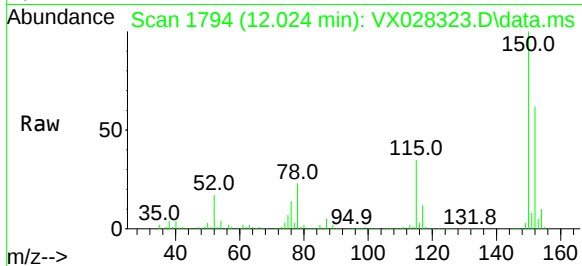




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

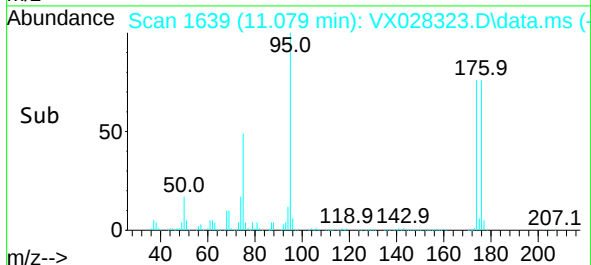
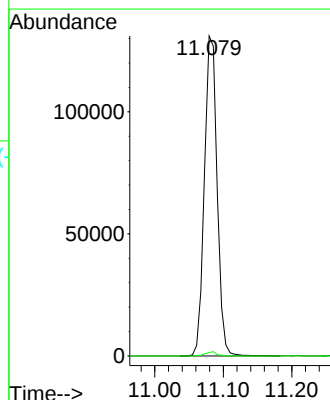
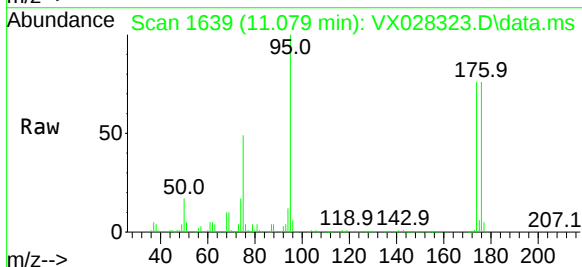
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

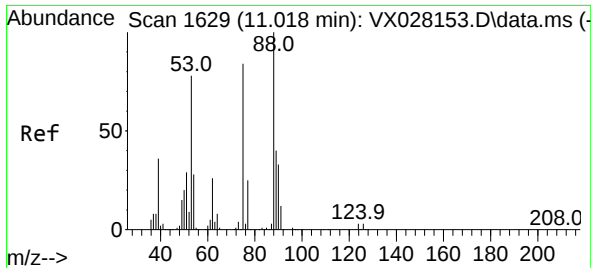
Tgt Ion:152 Resp: 295358
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 157.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 29.195 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028323.D
Acq: 25 Apr 2022 13:51

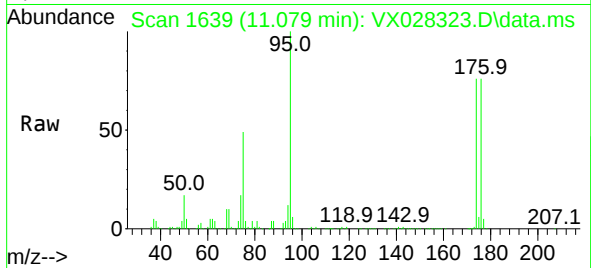
Tgt Ion: 75 Resp: 169705
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.759 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX028323.D
 Acq: 25 Apr 2022 13:51

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



Tgt Ion: 75 Resp: 169705
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

