

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
 Data File : VX028477.D
 Acq On : 02 May 2022 16:49
 Operator : JC/MD
 Sample : N2652-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: May 03 04:52:28 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)

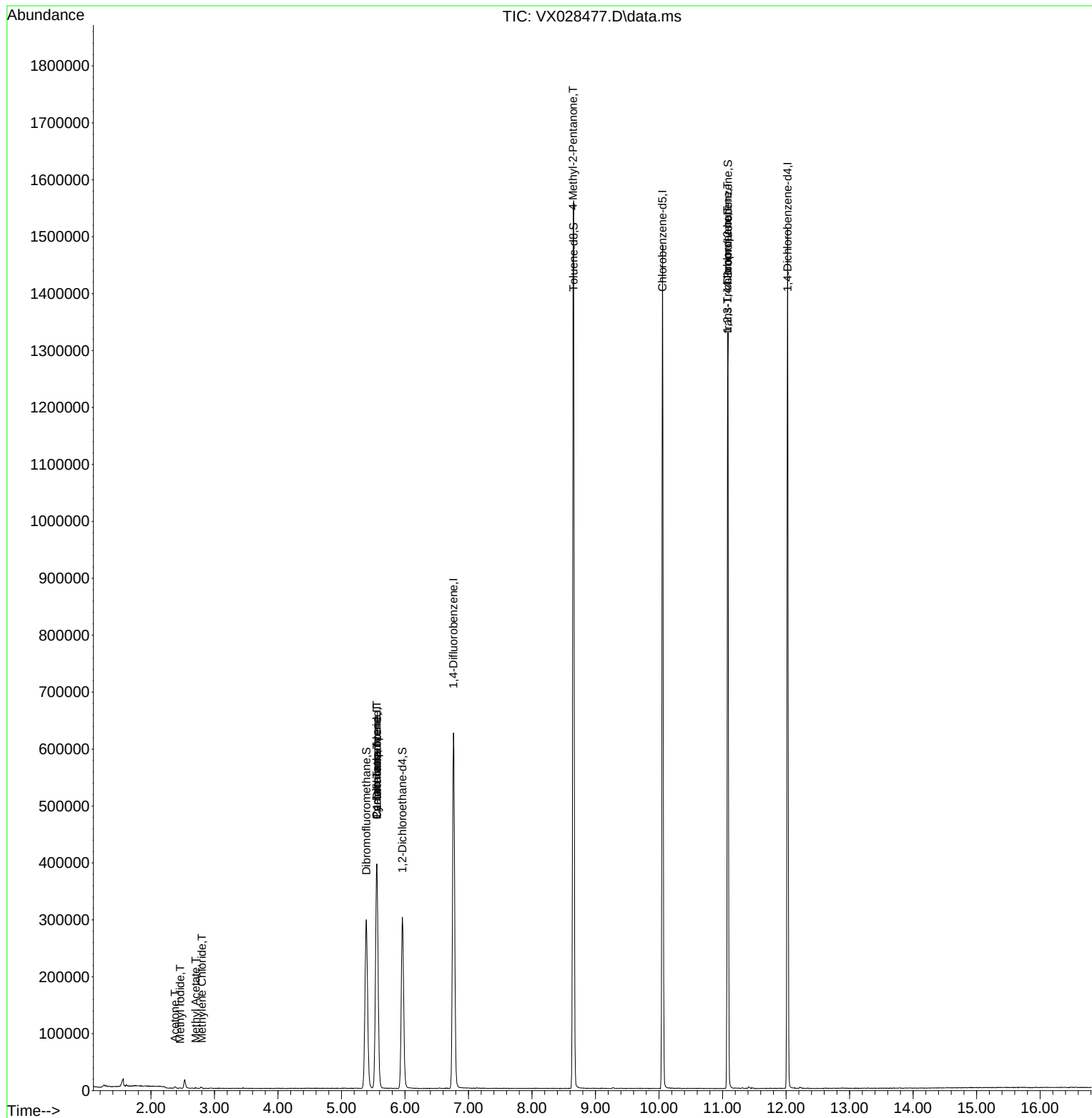
Internal Standards						
1) Pentafluorobenzene	5.556	168	384347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	668831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	652423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	306354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	282739	56.419	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 112.840%	
35) Dibromofluoromethane	5.391	113	256427	54.670	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.340%	
50) Toluene-d8	8.653	98	946985	52.566	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	11.085	95	341106	49.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.040%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	601	Below Cal		91
5) Bromomethane	1.617	94	1232	Below Cal		92
6) Chloroethane	1.685	64	515	Below Cal	#	43
8) Diethyl Ether	2.093	74	25	Below Cal	#	7
10) Methyl Iodide	2.459	142	660	5.373 ug/l	#	77
11) Tert butyl alcohol	2.953	59	391	Below Cal	#	72
16) Acetone	2.380	43	3208	0.704 ug/l	#	81
18) Methyl Acetate	2.703	43	1185	0.266 ug/l	#	78
20) Methylene Chloride	2.800	84	966	0.260 ug/l	#	75
31) Cyclohexane	5.556	56	7799	1.277 ug/l	#	10
36) 1,1-Dichloropropene	5.556	75	27924	4.564 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	38834	5.623 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.647	43	3600	0.555 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	172265	28.572 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	172265	84.907 ug/l	#	15

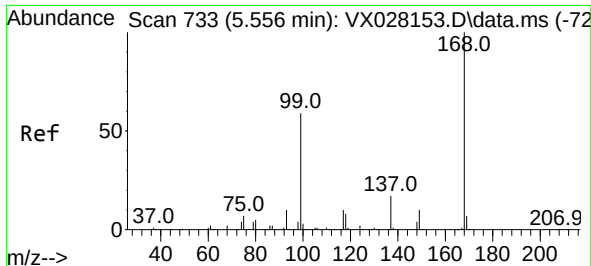
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

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QLast Update : Tue Apr 19 13:38:04 2022
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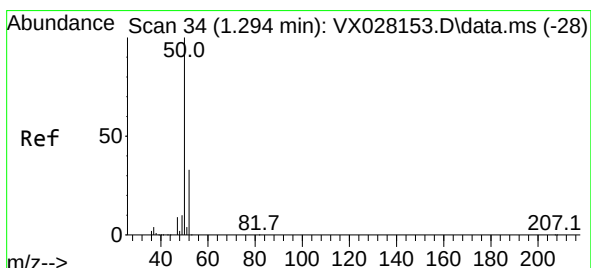
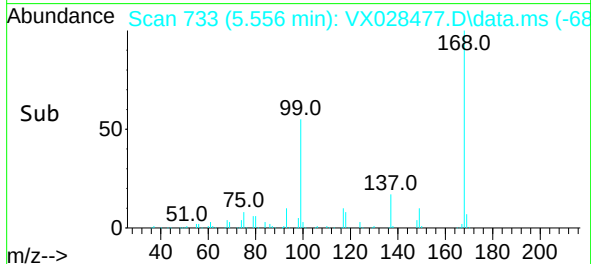
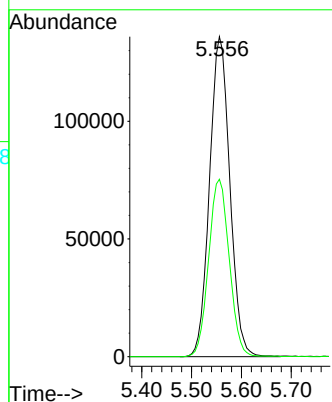
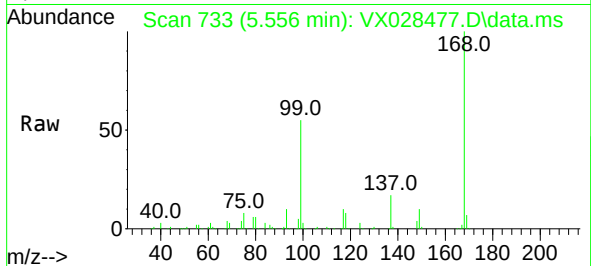




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

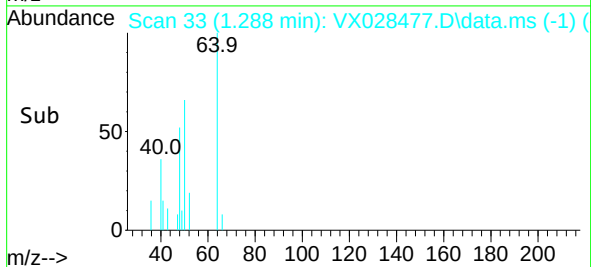
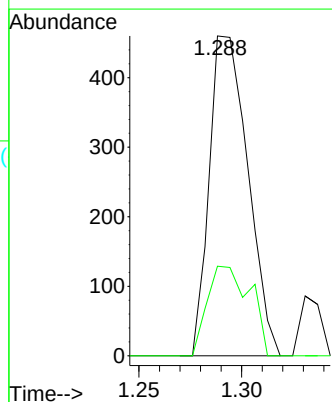
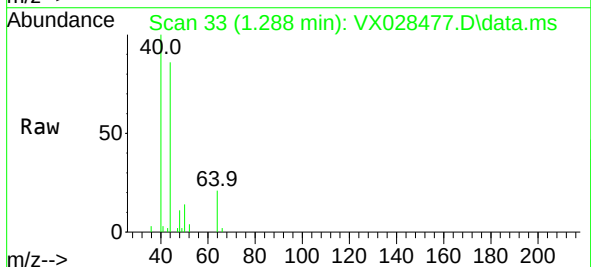
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

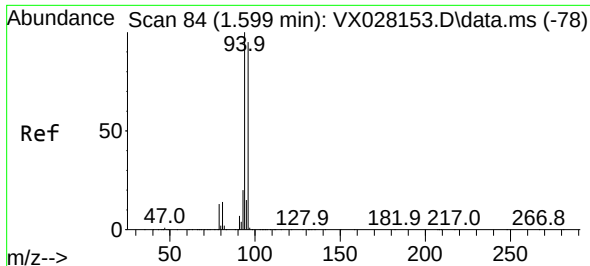
Tgt Ion:168 Resp: 384347
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

Tgt Ion: 50 Resp: 601
Ion Ratio Lower Upper
50 100
52 28.0 26.4 39.6

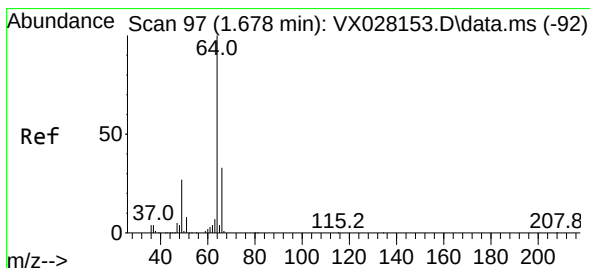
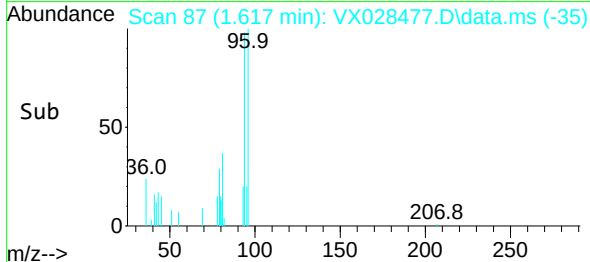
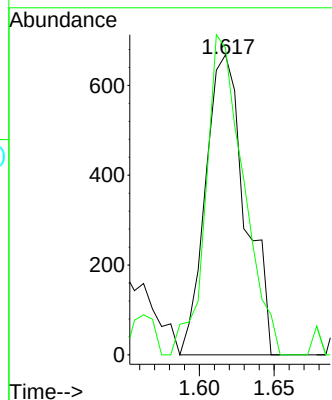
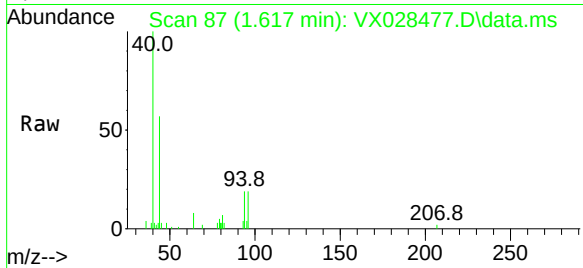




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

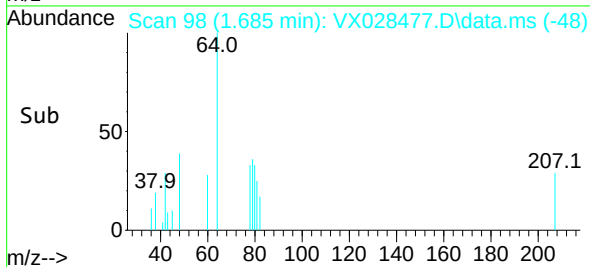
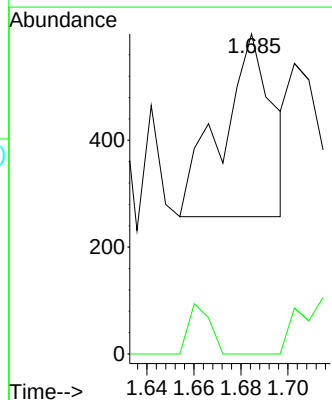
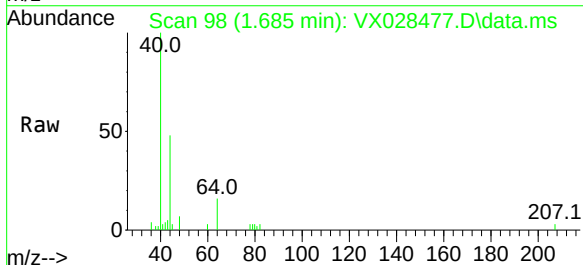
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

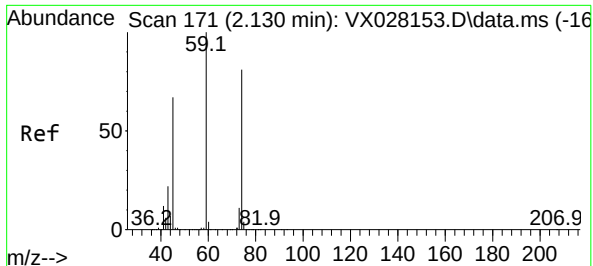
Tgt Ion: 94 Resp: 1232
Ion Ratio Lower Upper
94 100
96 102.2 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

Tgt Ion: 64 Resp: 515
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

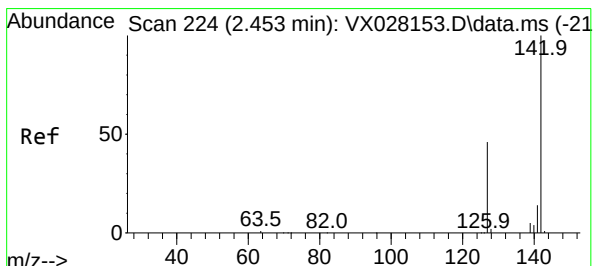
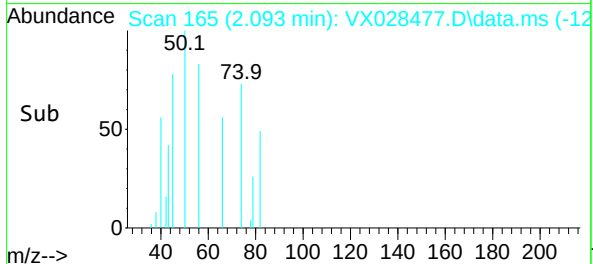
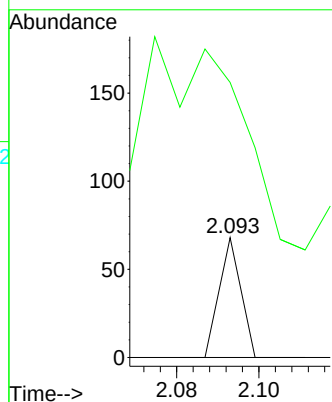
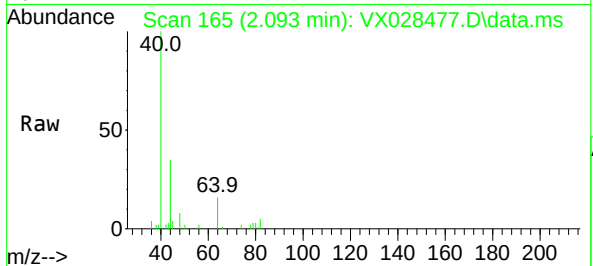




#8
Diethyl Ether
Concen: Below Cal
RT: 2.093 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

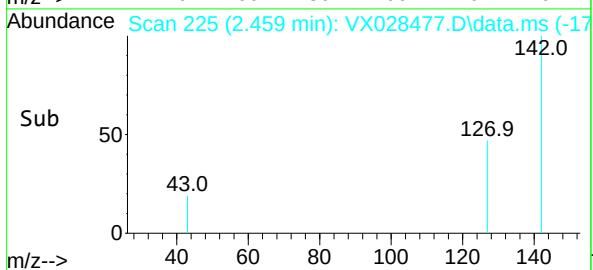
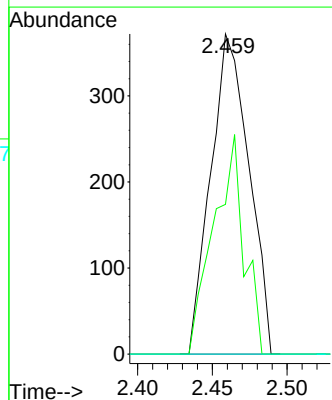
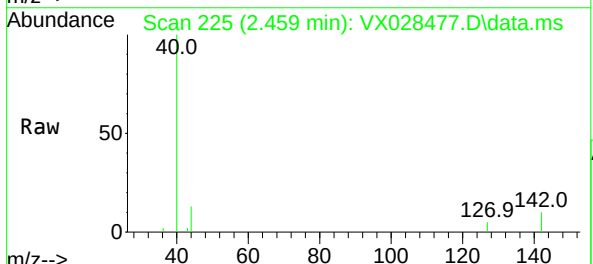
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

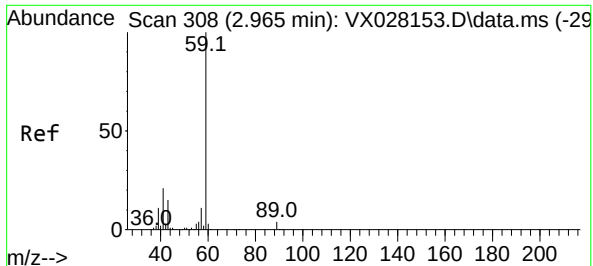
Tgt Ion: 74 Resp: 25
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.373 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

Tgt Ion: 142 Resp: 660
Ion Ratio Lower Upper
142 100
127 54.5 33.9 50.9#
141 0.0 11.4 17.2#

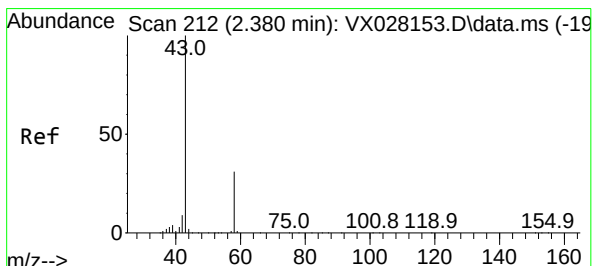
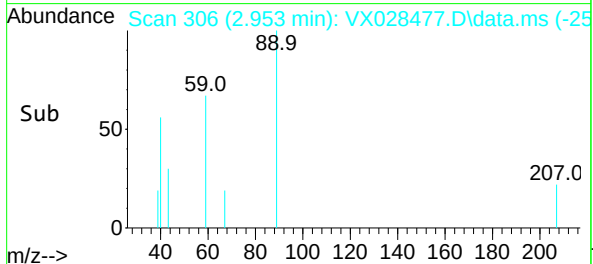
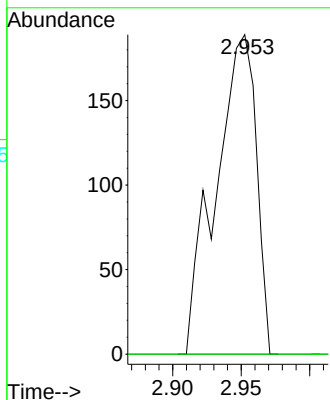
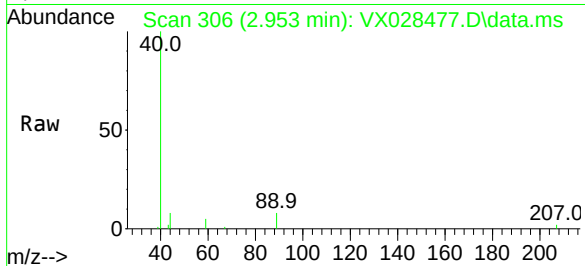




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

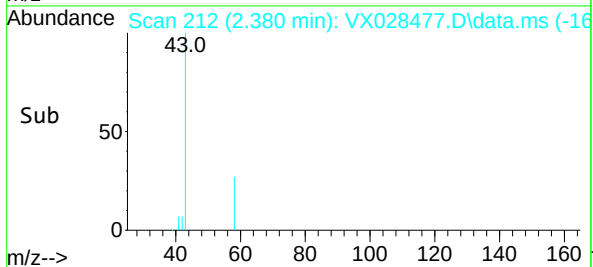
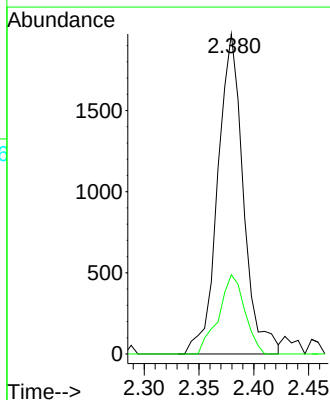
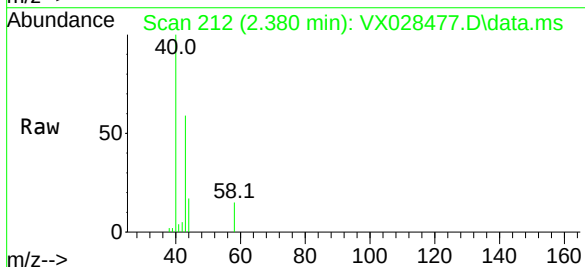
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

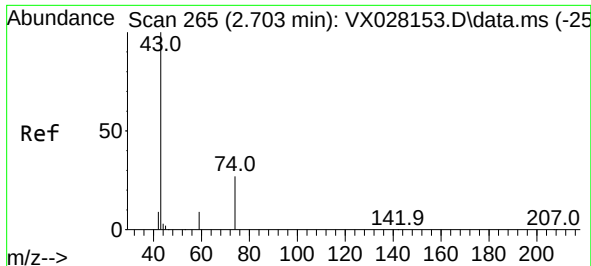
Tgt Ion: 59 Resp: 391
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.704 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

Tgt Ion: 43 Resp: 3208
Ion Ratio Lower Upper
43 100
58 24.7 28.8 43.2#

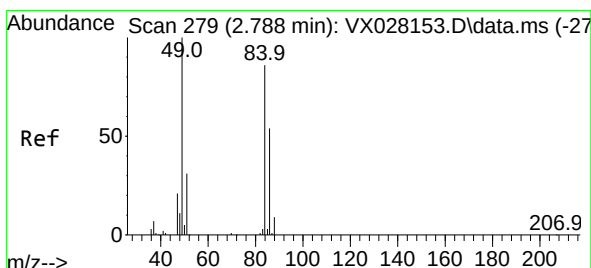
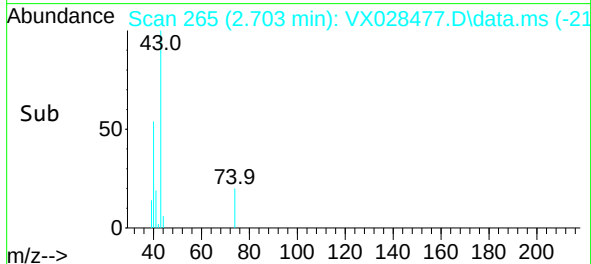
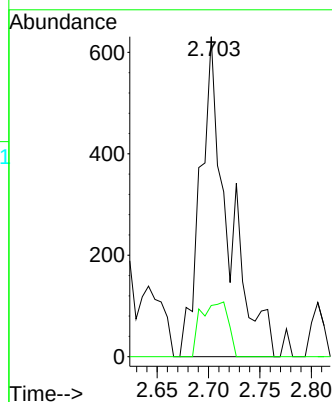
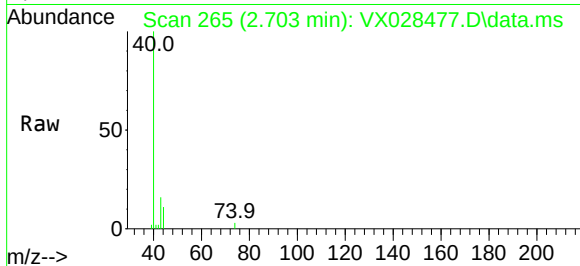




#18
Methyl Acetate
Concen: 0.266 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

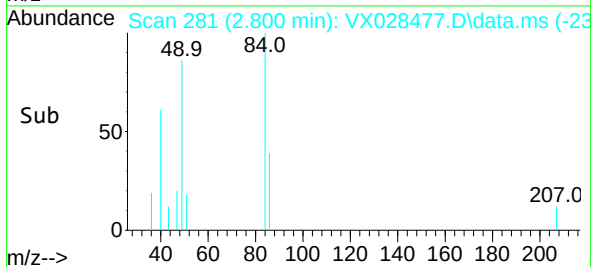
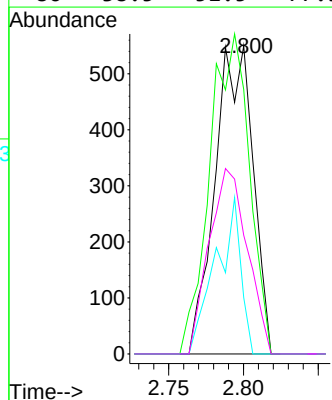
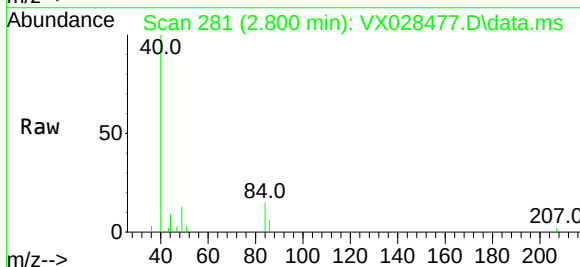
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

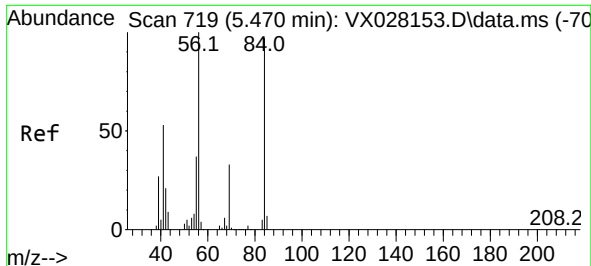
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
74 16.8 22.8 34.2#



#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

Tgt Ion: 84 Resp: 966
Ion Ratio Lower Upper
84 100
49 85.8 85.5 128.3
51 18.4 26.6 39.8#
86 38.5 51.5 77.3#

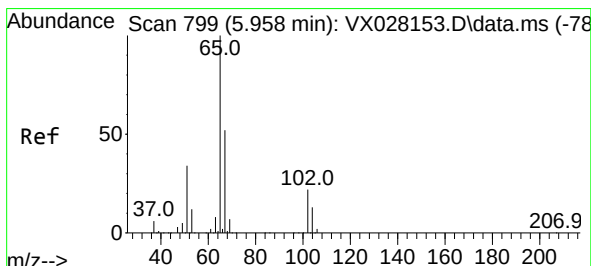
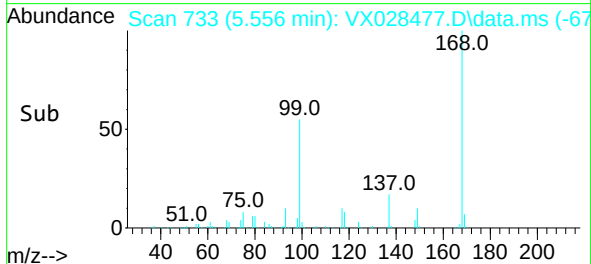
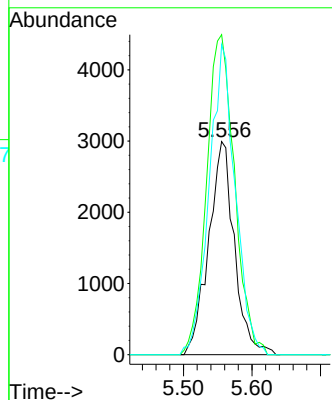
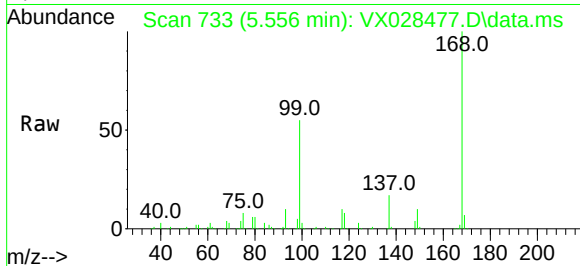




#31
Cyclohexane
Concen: 1.277 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

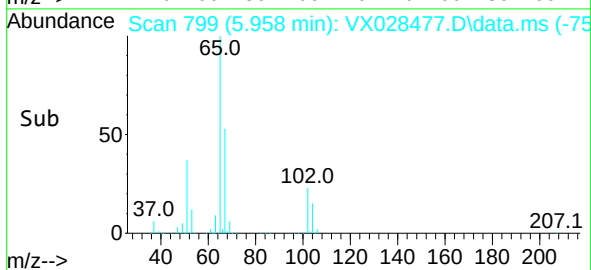
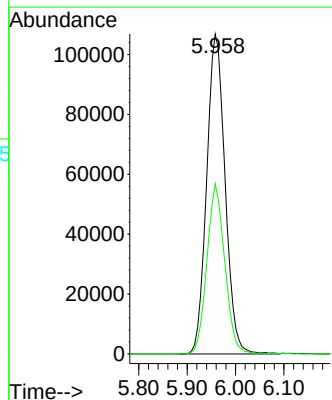
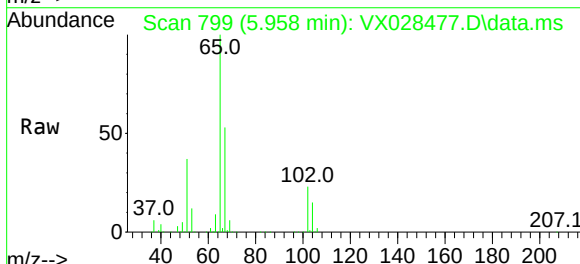
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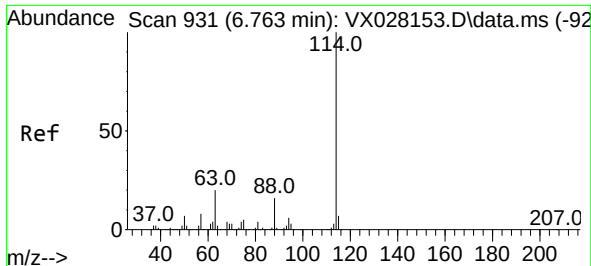
Tgt Ion: 56 Resp: 7799
Ion Ratio Lower Upper
56 100
69 150.2 26.7 40.1#
84 145.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.419 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

Tgt Ion: 65 Resp: 282739
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

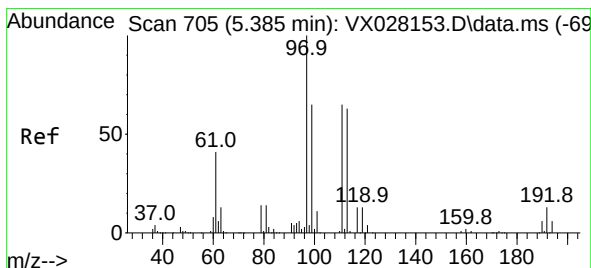
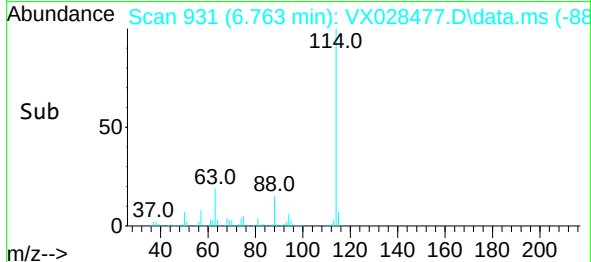
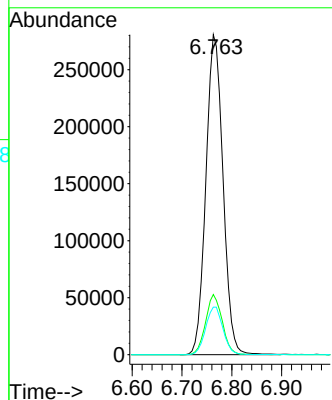
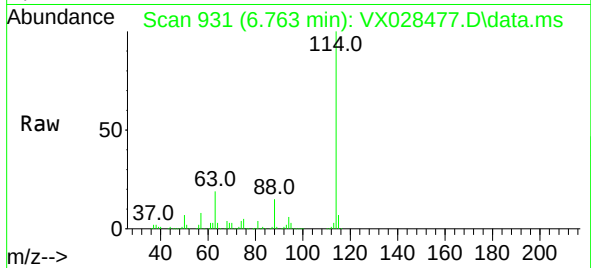




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

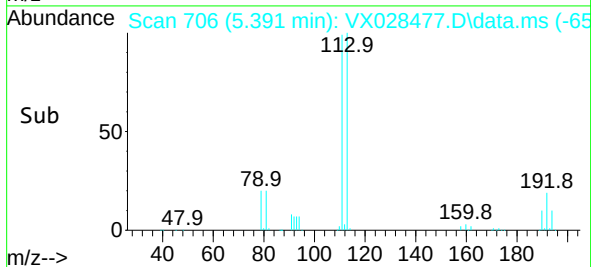
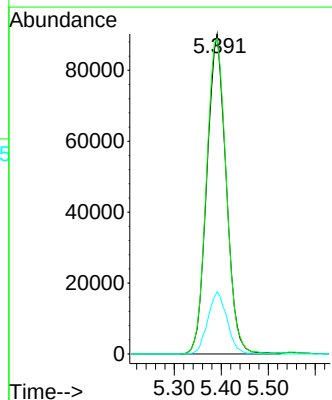
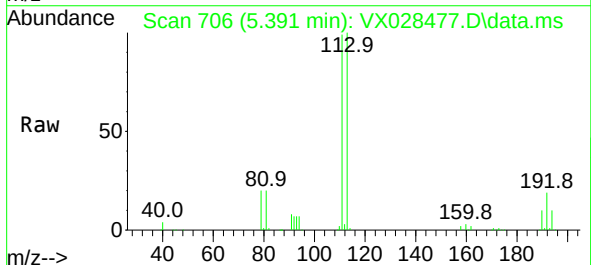
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

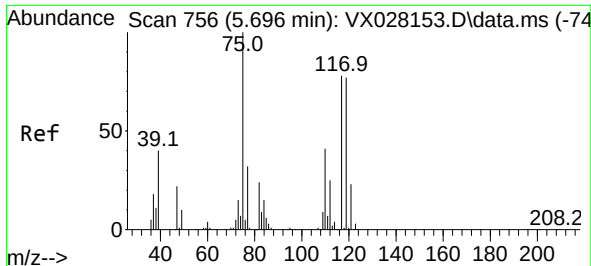
Tgt Ion:114 Resp: 668831
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 14.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 54.670 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

Tgt Ion:113 Resp: 256427
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.4 16.9 25.3

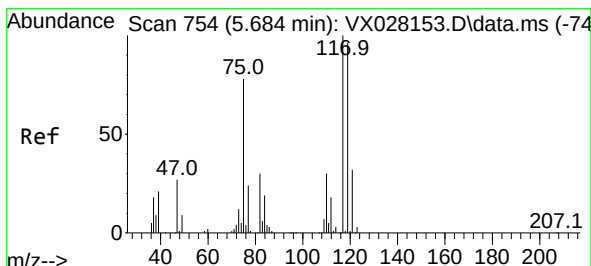
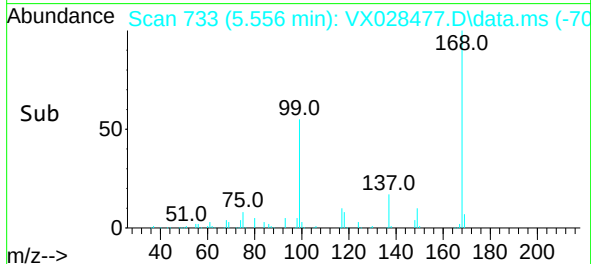
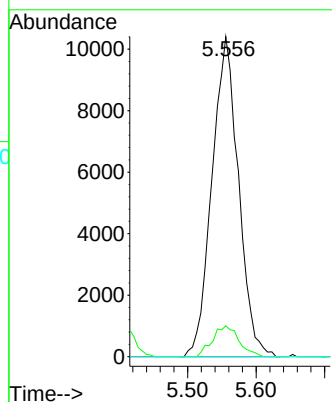
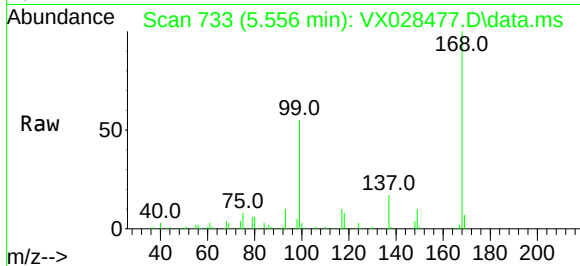




#36
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

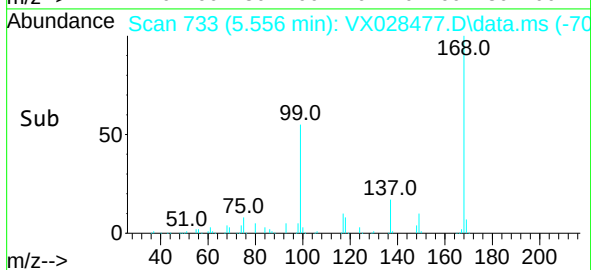
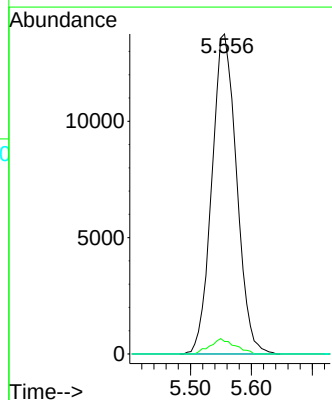
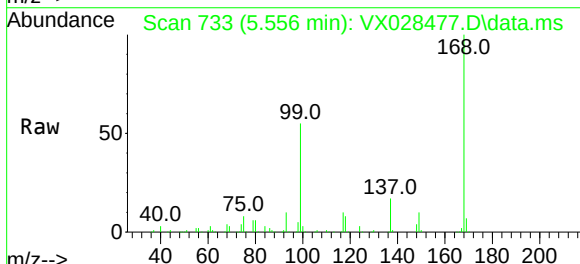
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

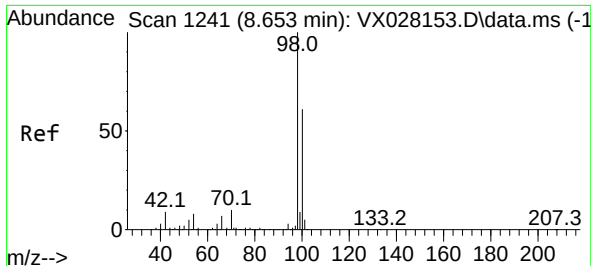
Tgt Ion: 75 Resp: 27924
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.623 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

Tgt Ion: 117 Resp: 38834
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#

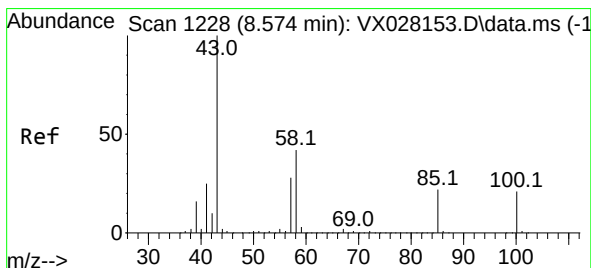
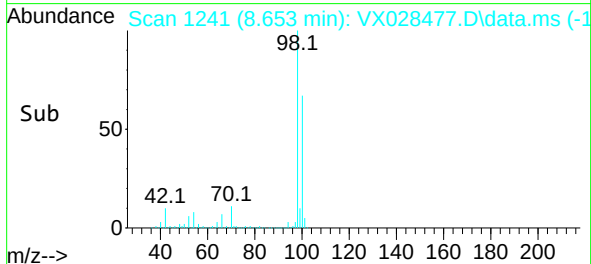
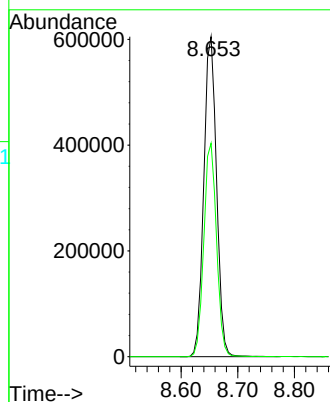
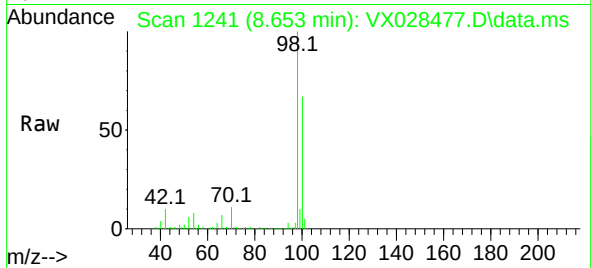




#50
Toluene-d8
Concen: 52.566 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

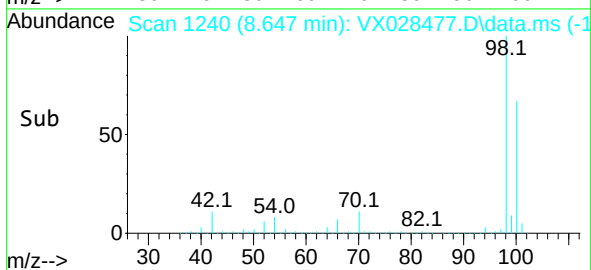
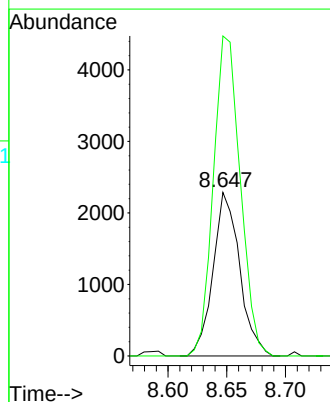
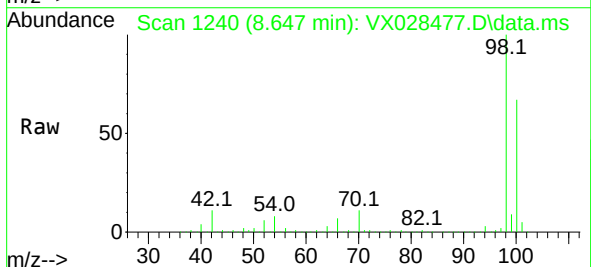
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

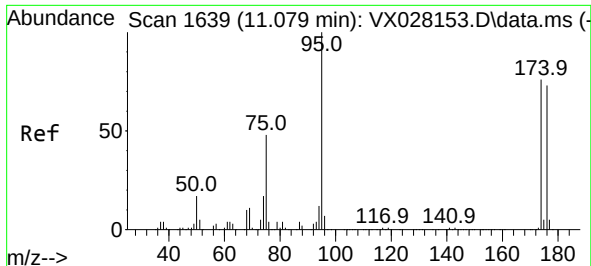
Tgt Ion: 98 Resp: 946985
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

Tgt Ion: 43 Resp: 3600
Ion Ratio Lower Upper
43 100
58 197.7 36.1 54.1#

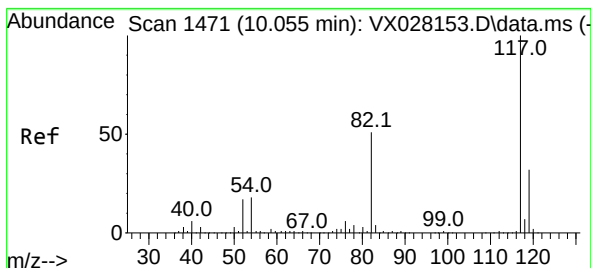
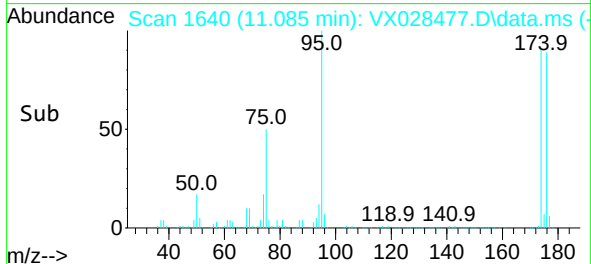
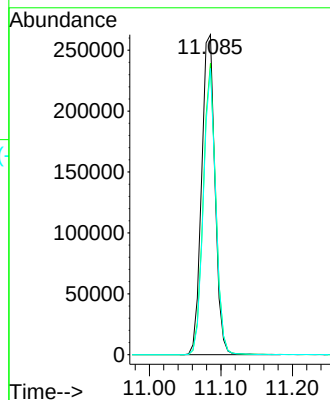
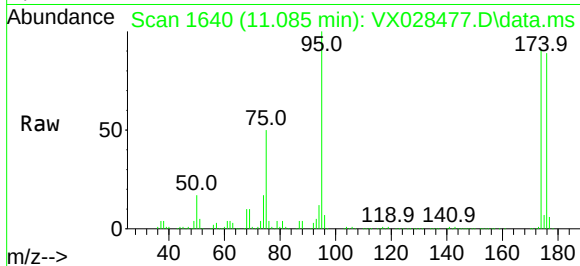




#62
4-Bromofluorobenzene
Concen: 49.520 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

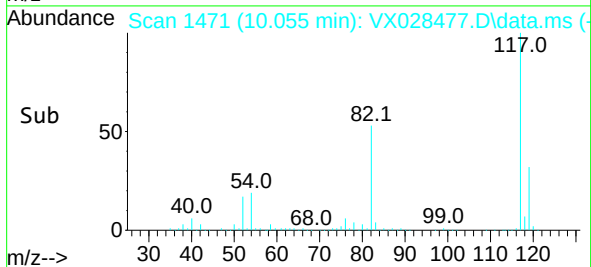
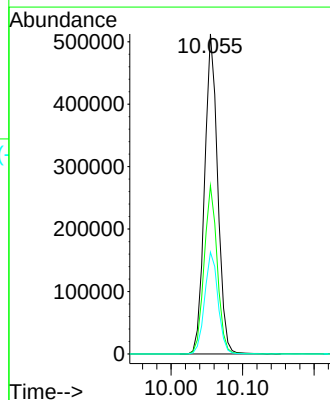
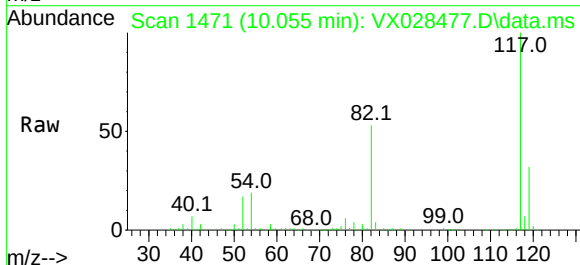
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

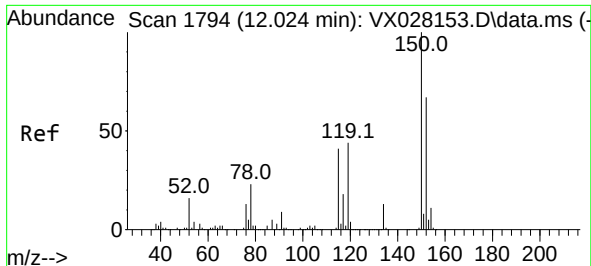
Tgt Ion: 95 Resp: 341106
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 83.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

Tgt Ion: 117 Resp: 652423
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 31.8 24.8 37.2

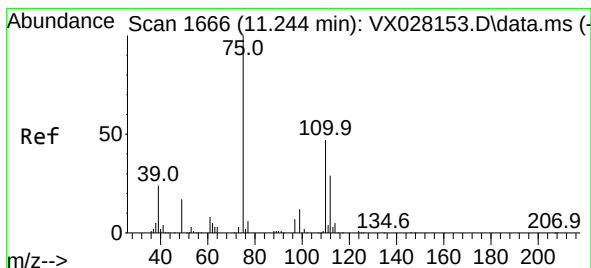
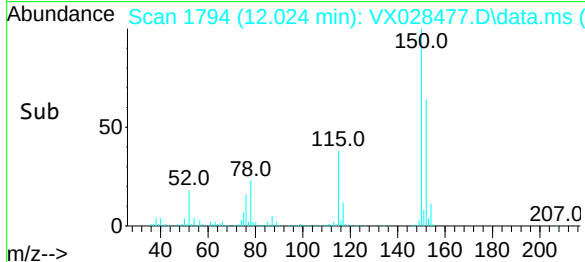
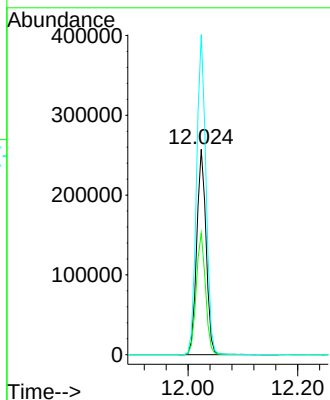
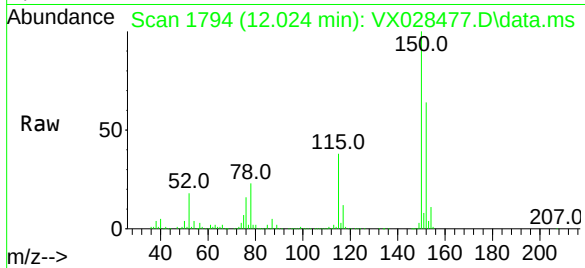




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

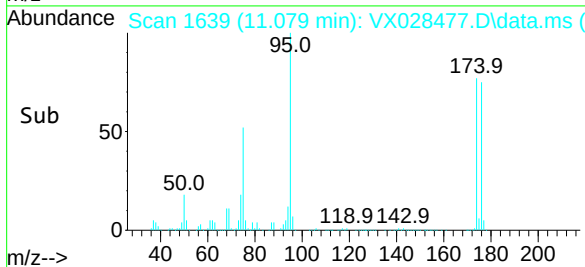
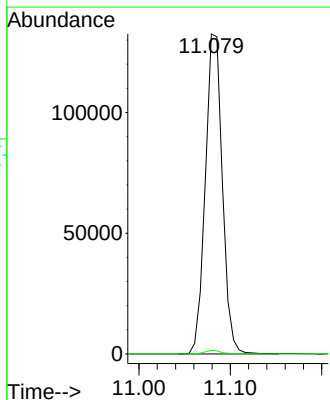
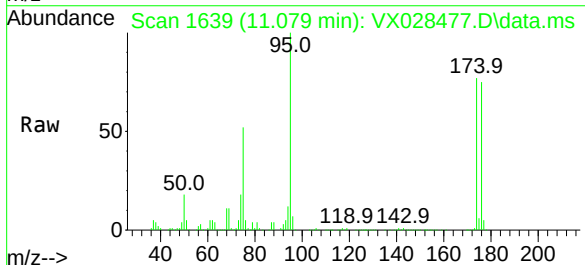
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

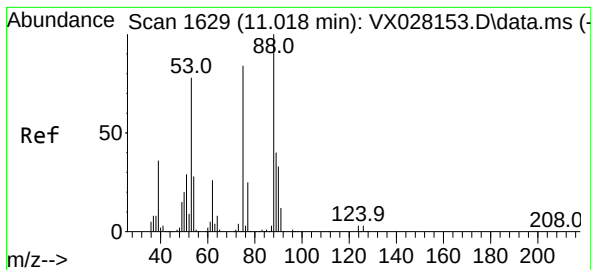
Tgt Ion:152 Resp: 306354
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 157.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 28.572 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028477.D
Acq: 02 May 2022 16:49

Tgt Ion: 75 Resp: 172265
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.907 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028477.D
 Acq: 02 May 2022 16:49

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

Tgt Ion: 75 Resp: 172265
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

