

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034883.D
 Acq On : 31 Mar 2023 17:08
 Operator : JC/MD
 Sample : 02149-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 03 01:21:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

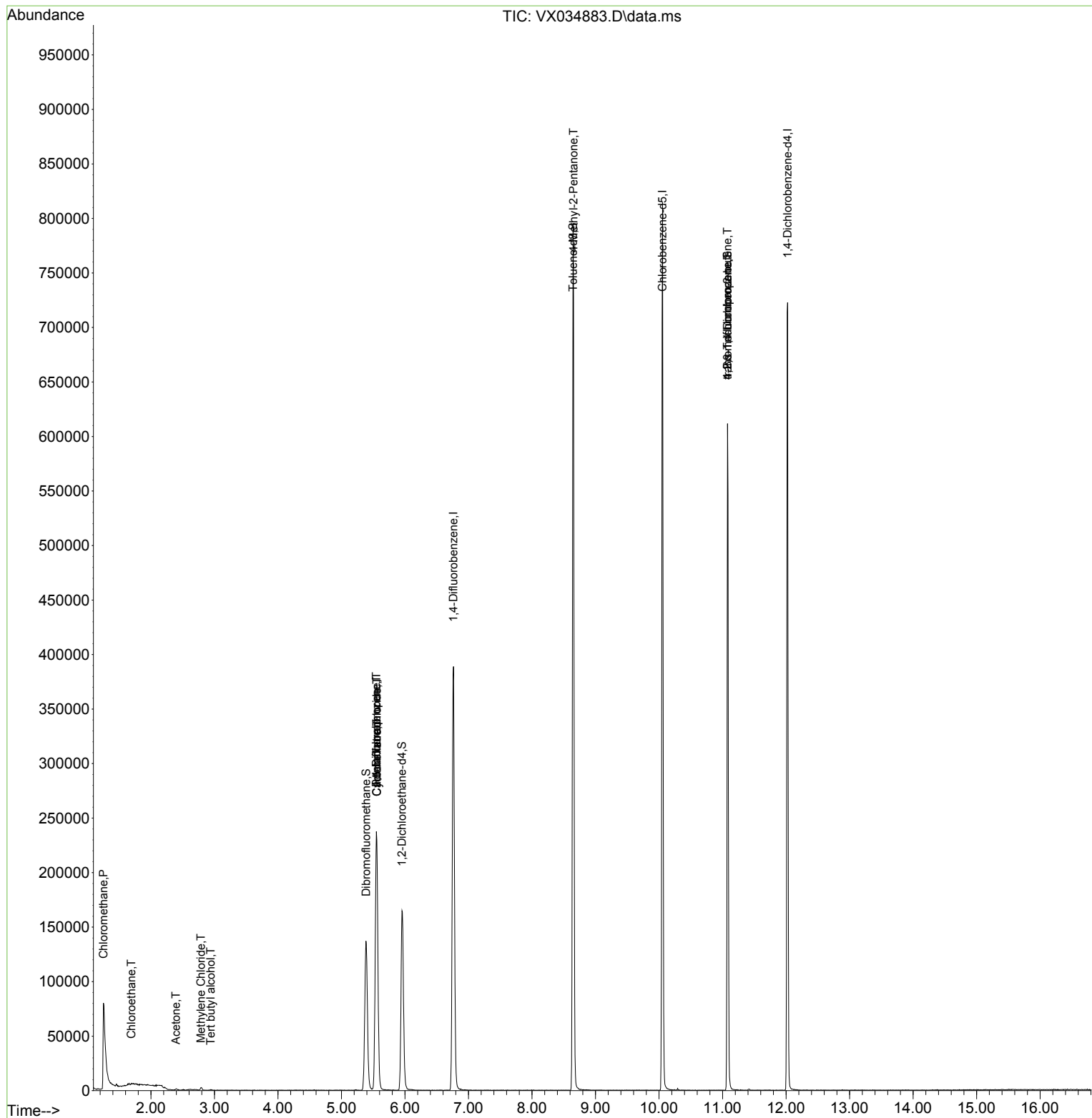
Internal Standards						
1) Pentafluorobenzene	5.550	168	219269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159863	47.672	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.340%
35) Dibromofluoromethane	5.385	113	118054	46.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.940%
50) Toluene-d8	8.647	98	454241	48.966	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.079	95	158713	44.212	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.420%
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	2337	0.853	ug/l #	42
6) Chloroethane	1.691	64	380	0.215	ug/l #	64
11) Tert butyl alcohol	2.941	59	342	0.581	ug/l #	73
16) Acetone	2.392	43	1169	0.858	ug/l	99
20) Methylene Chloride	2.788	84	1059	0.394	ug/l #	81
31) Cyclohexane	5.556	56	5867	1.437	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	19009	5.105	ug/l #	50
38) Carbon Tetrachloride	5.556	117	23531	6.703	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2452	0.636	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	87039	29.288	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	87039	87.773	ug/l #	8

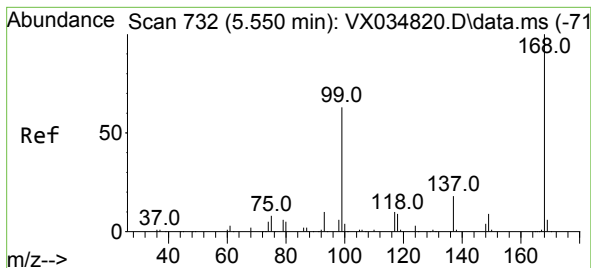
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
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Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX034883.D

Acq: 31 Mar 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

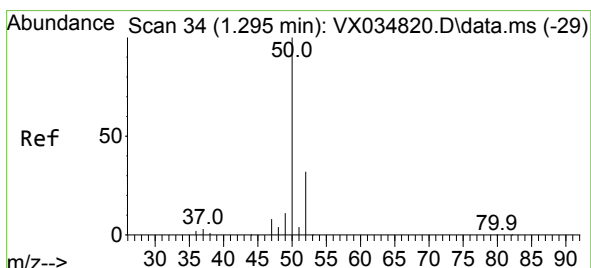
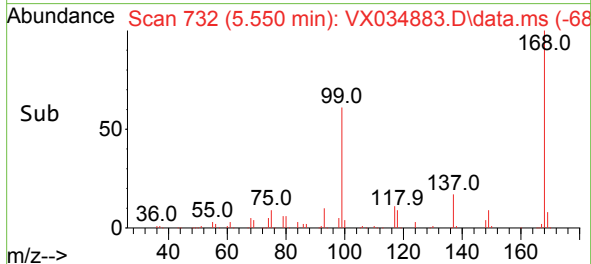
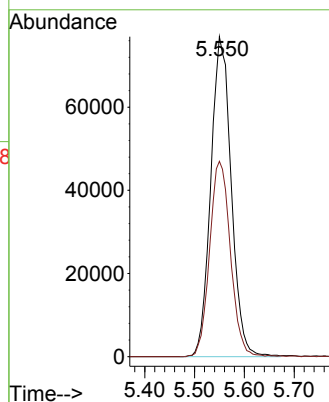
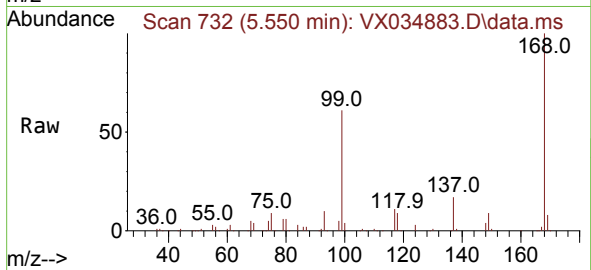
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 219269

Ion Ratio Lower Upper

168 100

99 61.0 45.7 68.5



#3

Chloromethane

Concen: 0.853 ug/l

RT: 1.252 min Scan# 27

Delta R.T. -0.043 min

Lab File: VX034883.D

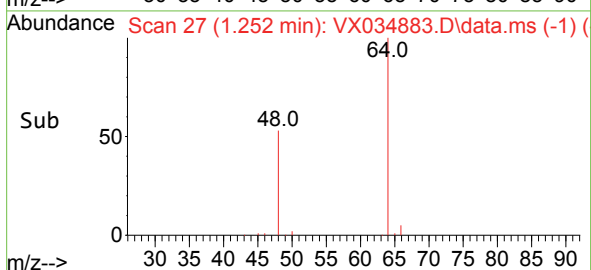
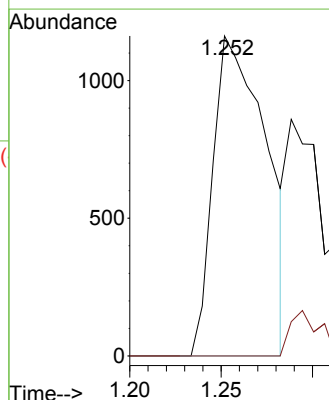
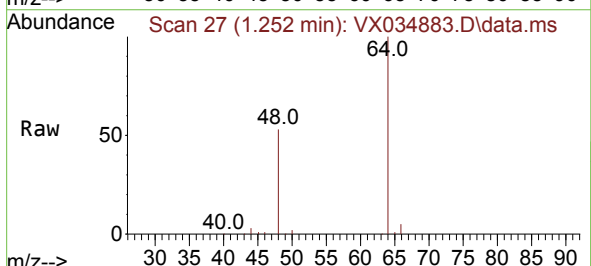
Acq: 31 Mar 2023 17:08

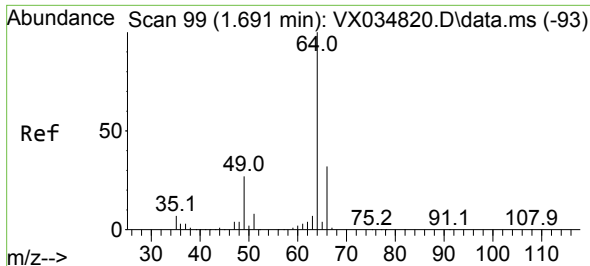
Tgt Ion: 50 Resp: 2337

Ion Ratio Lower Upper

50 100

52 0.0 25.9 38.9#

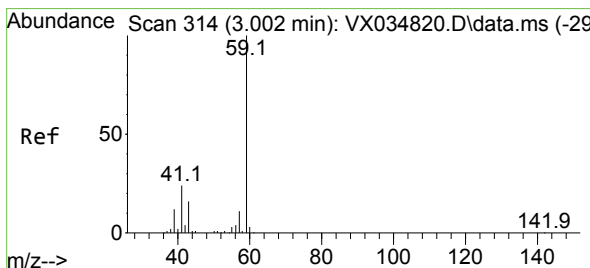
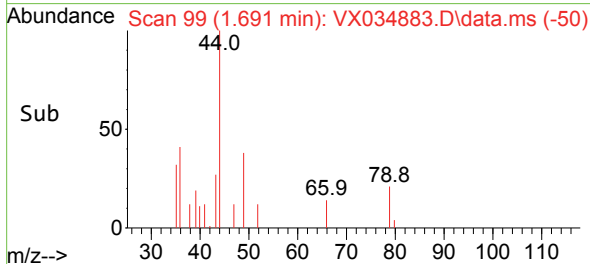
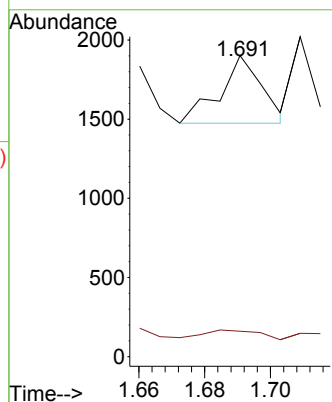
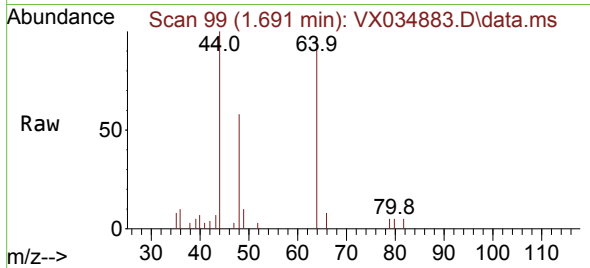




#6
Chloroethane
Concen: 0.215 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

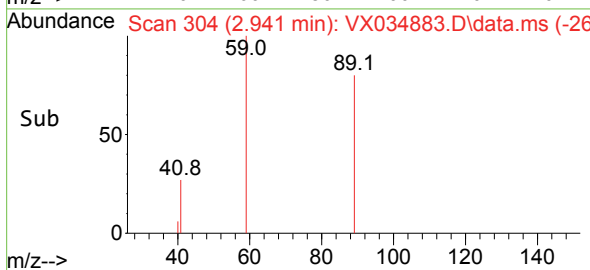
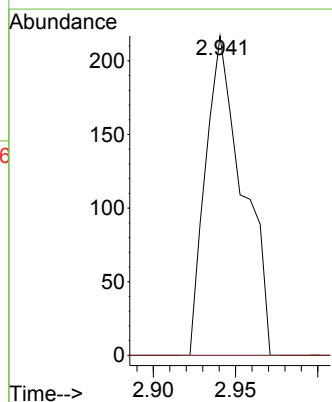
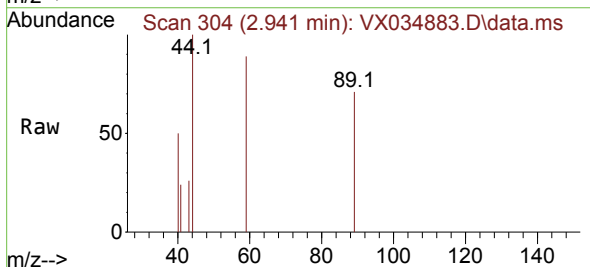
Instrument :
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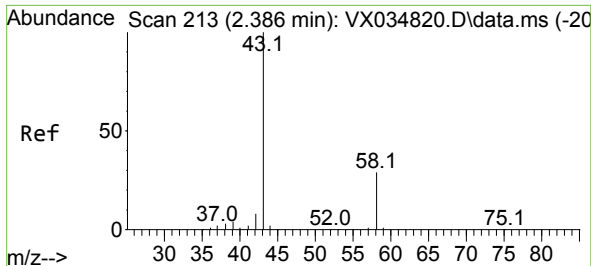
Tgt Ion: 64 Resp: 380
Ion Ratio Lower Upper
64 100
66 12.4 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.581 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

Tgt Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

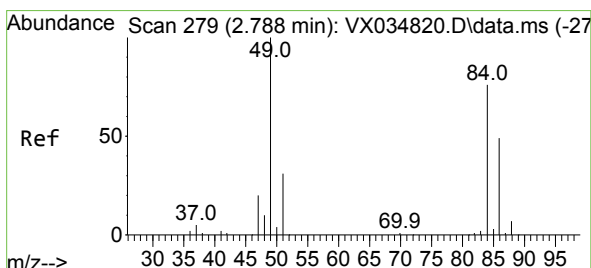
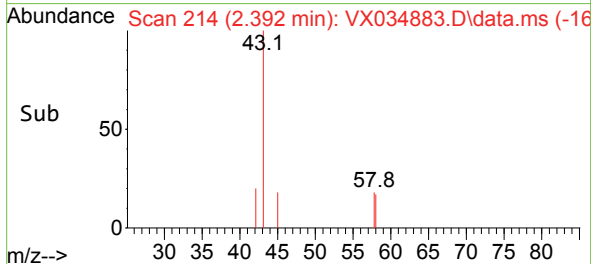
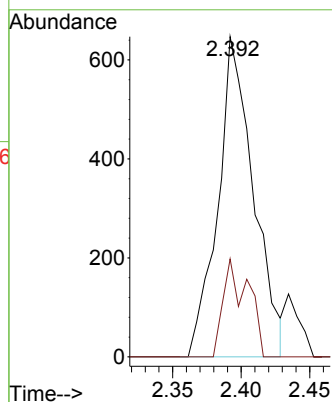
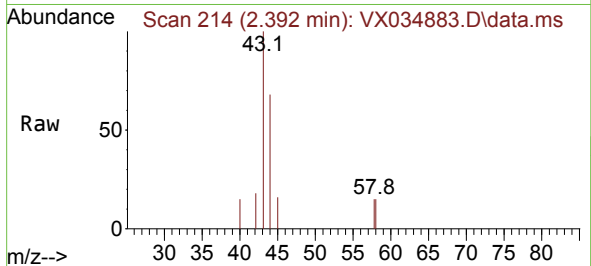




#16
Acetone
Concen: 0.858 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

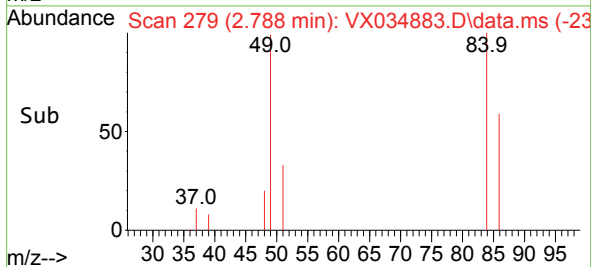
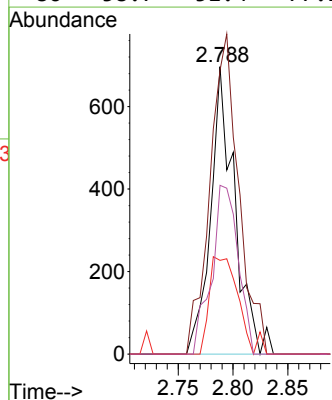
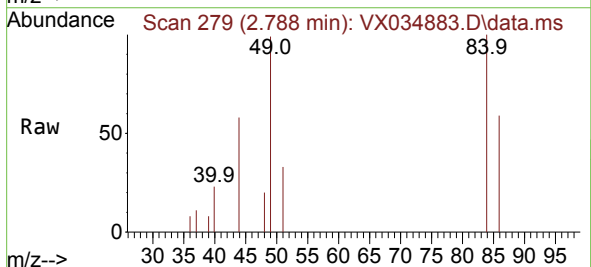
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

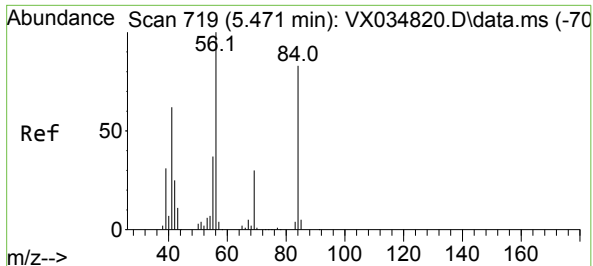
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 30.6 24.7 37.1



#20
Methylene Chloride
Concen: 0.394 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

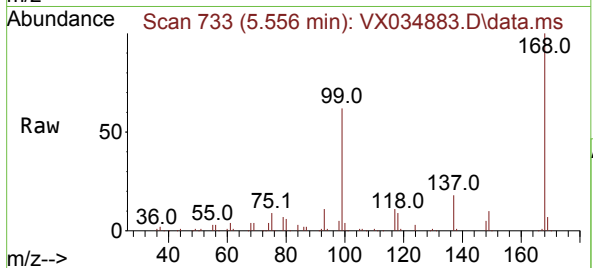
Tgt Ion: 84 Resp: 1059
Ion Ratio Lower Upper
84 100
49 98.7 103.8 155.8#
51 32.6 31.8 47.8
86 58.7 51.4 77.2



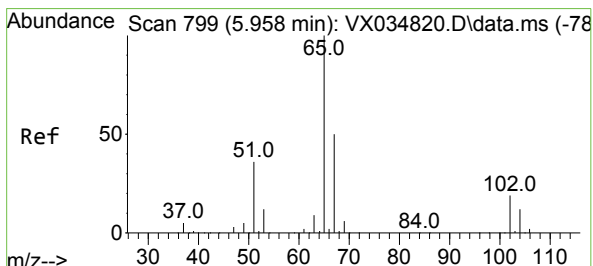
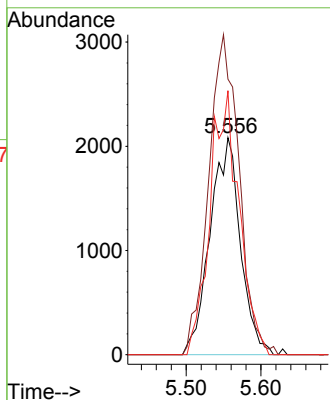
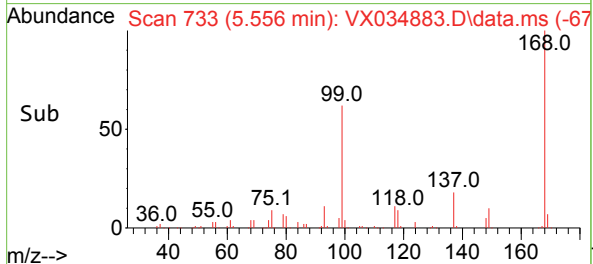


#31
Cyclohexane
Concen: 1.437 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

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

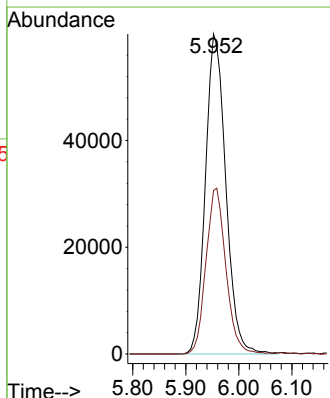
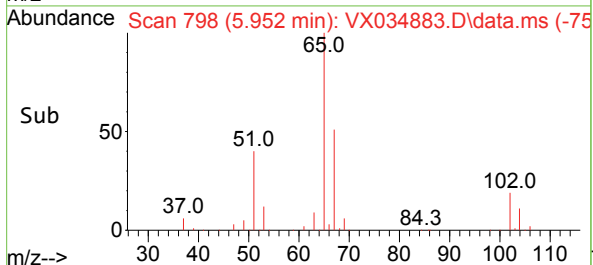
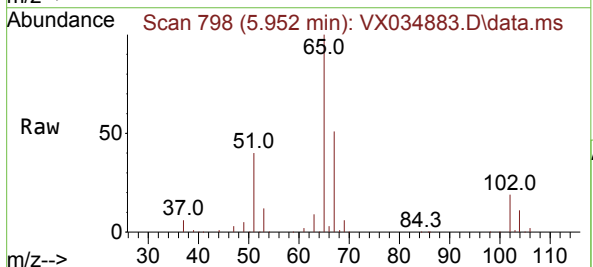


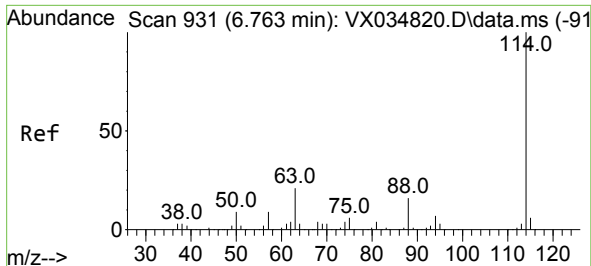
Tgt Ion: 56 Resp: 5867
Ion Ratio Lower Upper
56 100
69 127.0 23.7 35.5#
84 121.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.672 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

Tgt Ion: 65 Resp: 159863
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

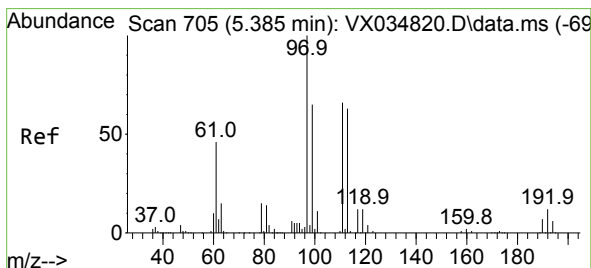
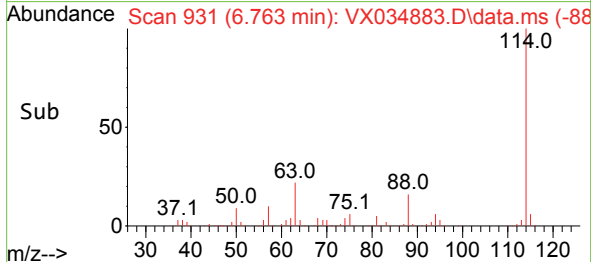
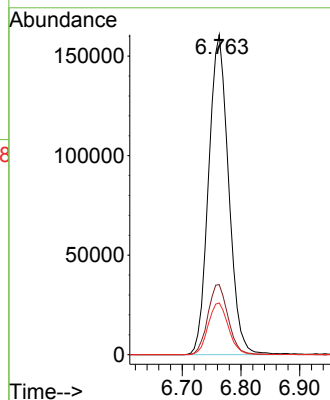
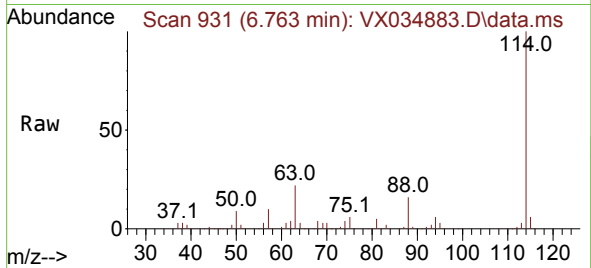




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

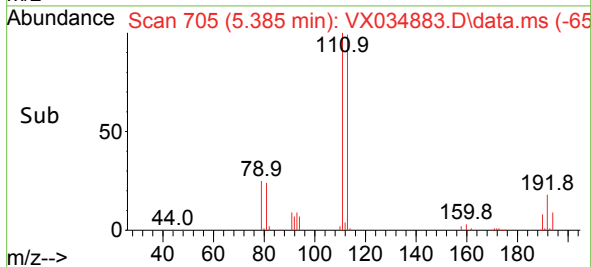
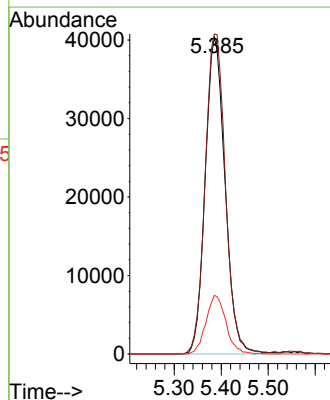
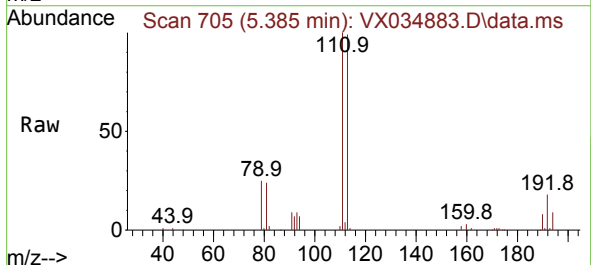
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ClientSampleId :
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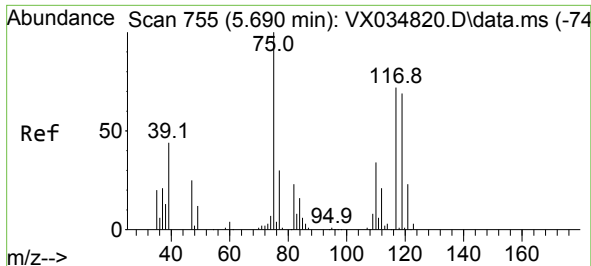
Tgt Ion:114 Resp: 379982
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.972 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

Tgt Ion:113 Resp: 118054
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 18.6 15.4 23.2

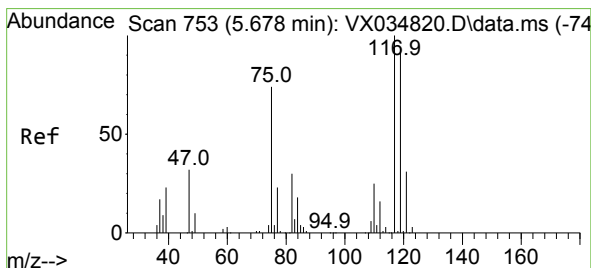
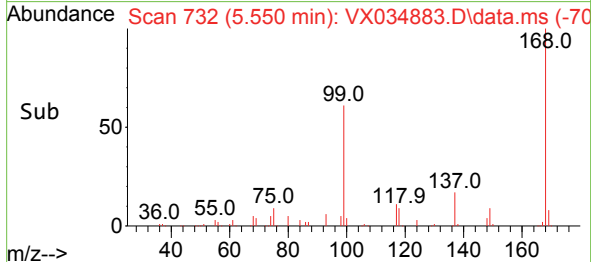
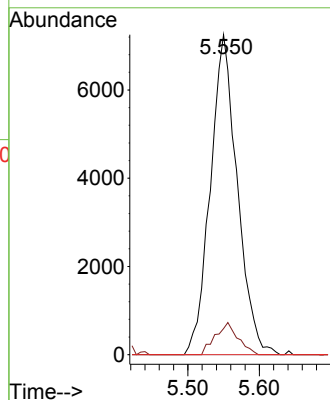
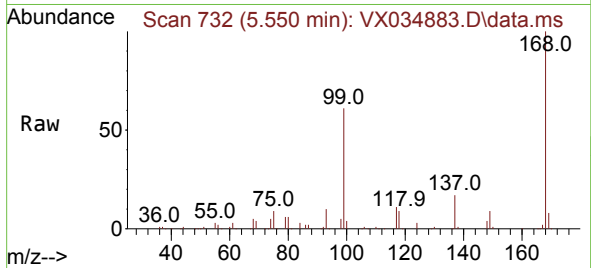




#36
1,1-Dichloropropene
Concen: 5.105 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

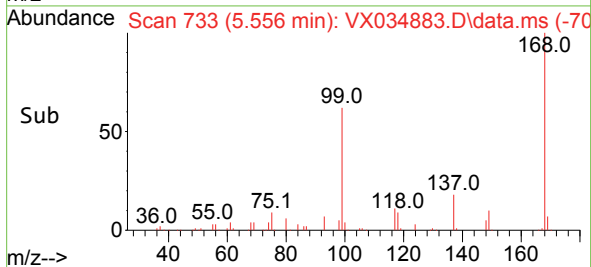
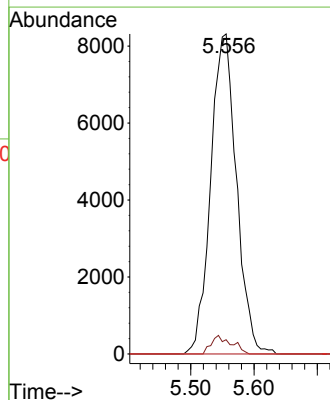
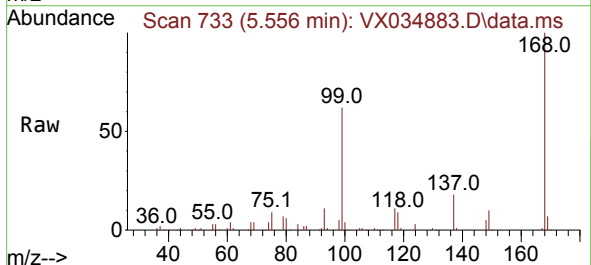
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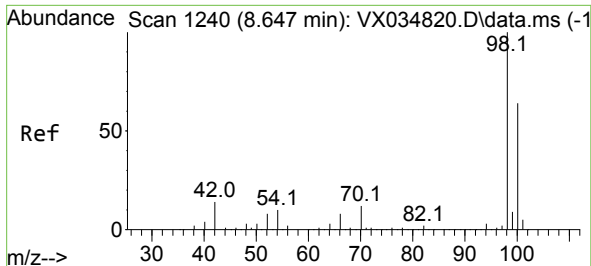
Tgt Ion: 75 Resp: 19009
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

Tgt Ion: 117 Resp: 23531
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#

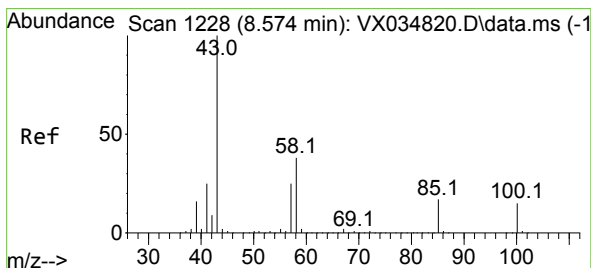
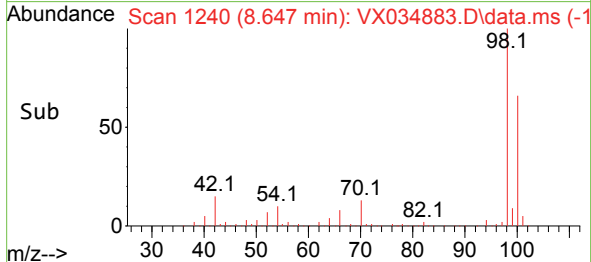
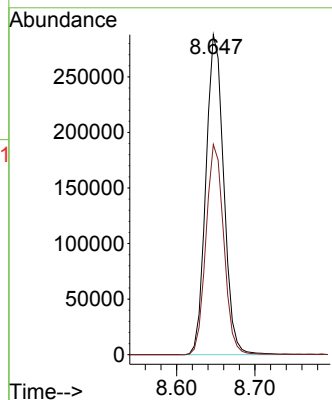
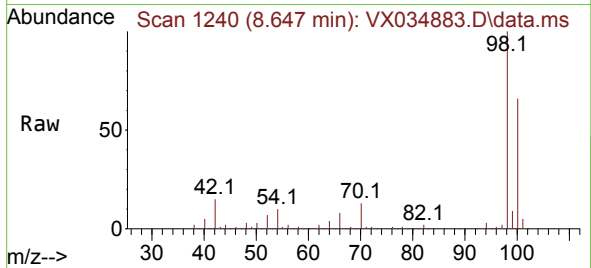




#50
Toluene-d8
Concen: 48.966 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

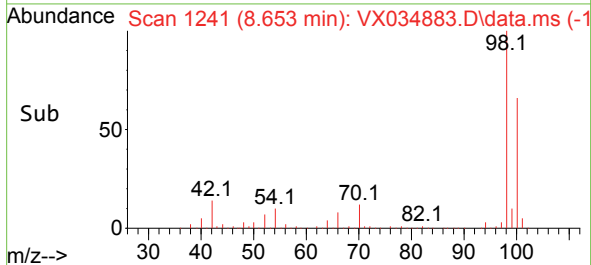
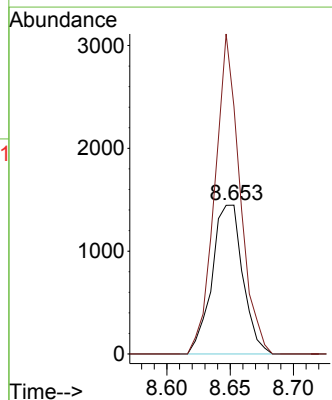
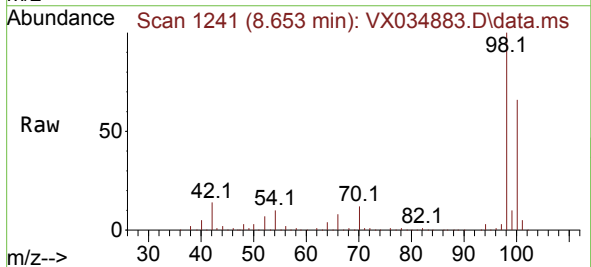
Instrument :
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ClientSampleId :
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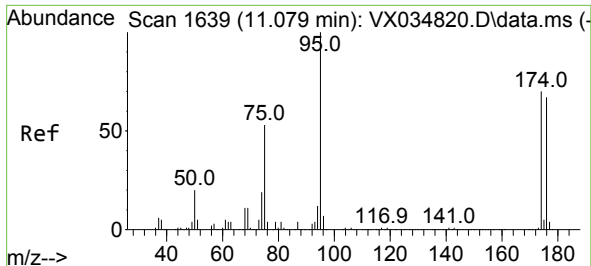
Tgt Ion: 98 Resp: 454241
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.636 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

Tgt Ion: 43 Resp: 2452
Ion Ratio Lower Upper
43 100
58 174.6 30.6 46.0#

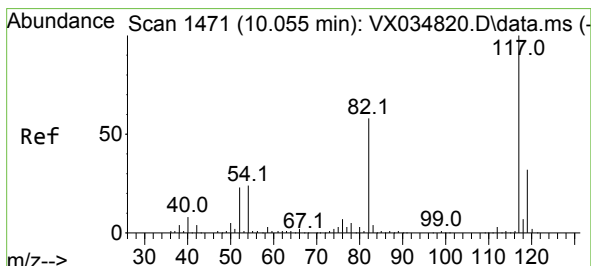
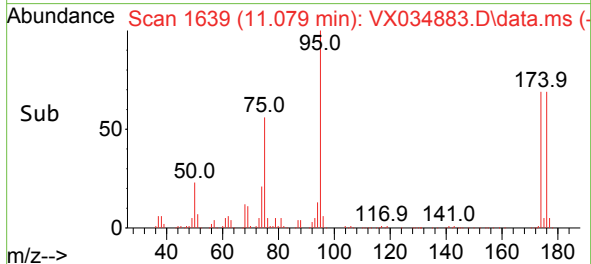
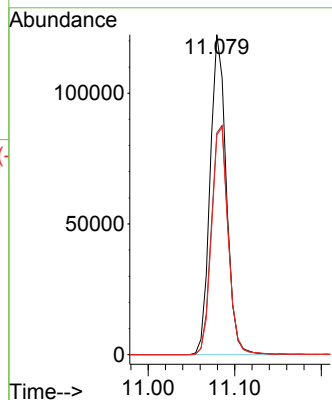
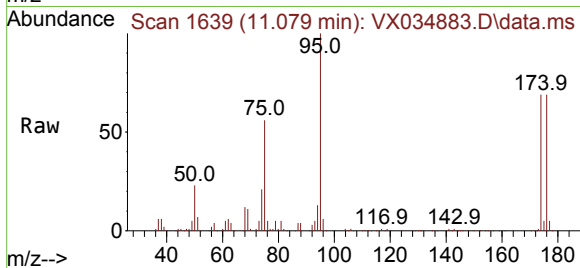




#62
4-Bromofluorobenzene
Concen: 44.212 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

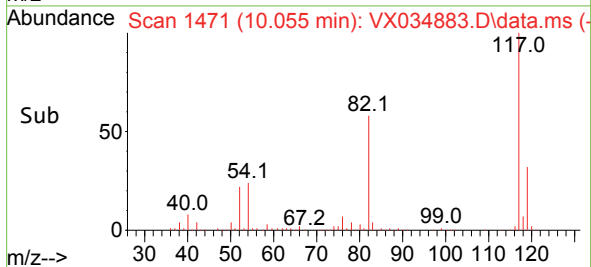
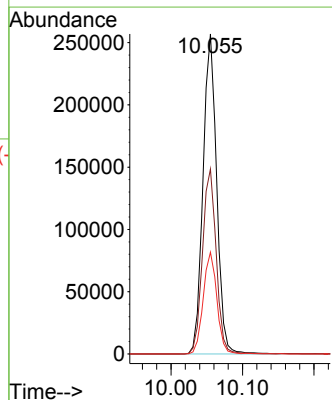
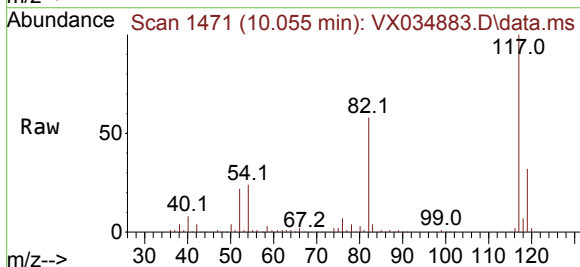
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

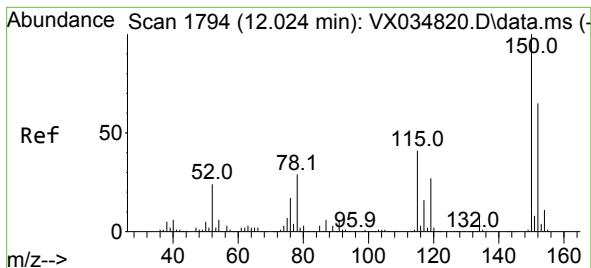
Tgt Ion: 95 Resp: 158713
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.4
176 73.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034883.D
Acq: 31 Mar 2023 17:08

Tgt Ion: 117 Resp: 340557
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 31.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034883.D

Acq: 31 Mar 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

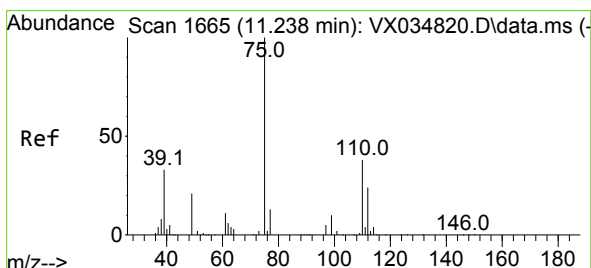
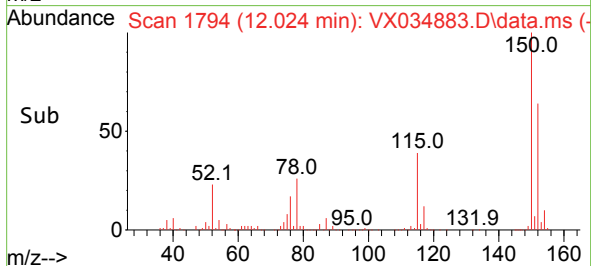
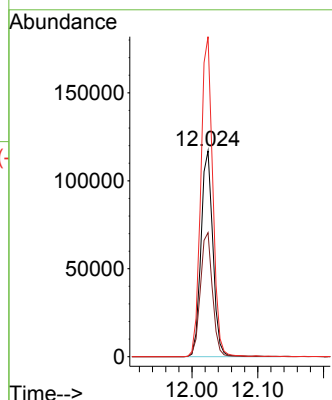
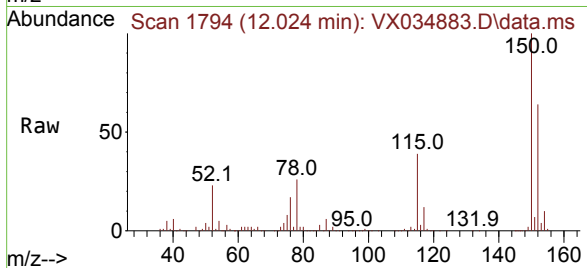
Tgt Ion:152 Resp: 147492

Ion Ratio Lower Upper

152 100

115 61.1 45.0 135.0

150 155.8 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 29.288 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034883.D

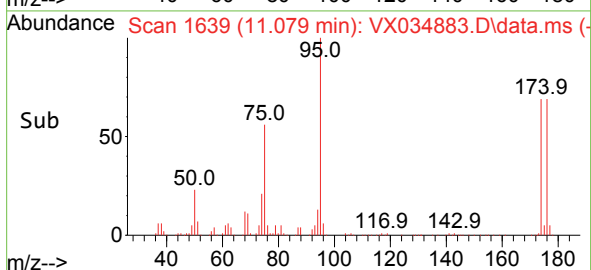
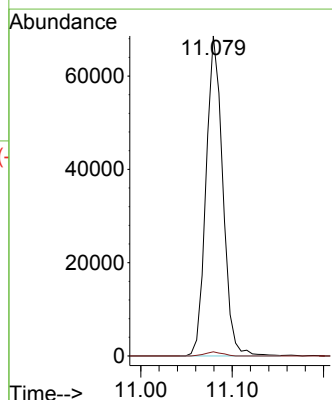
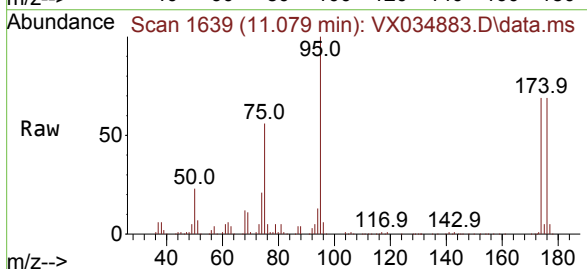
Acq: 31 Mar 2023 17:08

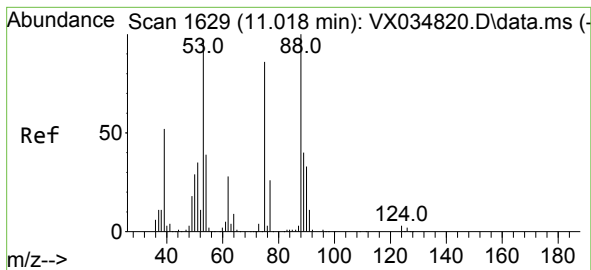
Tgt Ion: 75 Resp: 87039

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.773 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034883.D
 Acq: 31 Mar 2023 17:08

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

Tgt Ion: 75 Resp: 87039
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

