

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034184.D
 Acq On : 20 Feb 2023 13:50
 Operator : JC/MD
 Sample : 01597-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NYE-WATER-0217

Quant Time: Feb 21 01:07:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

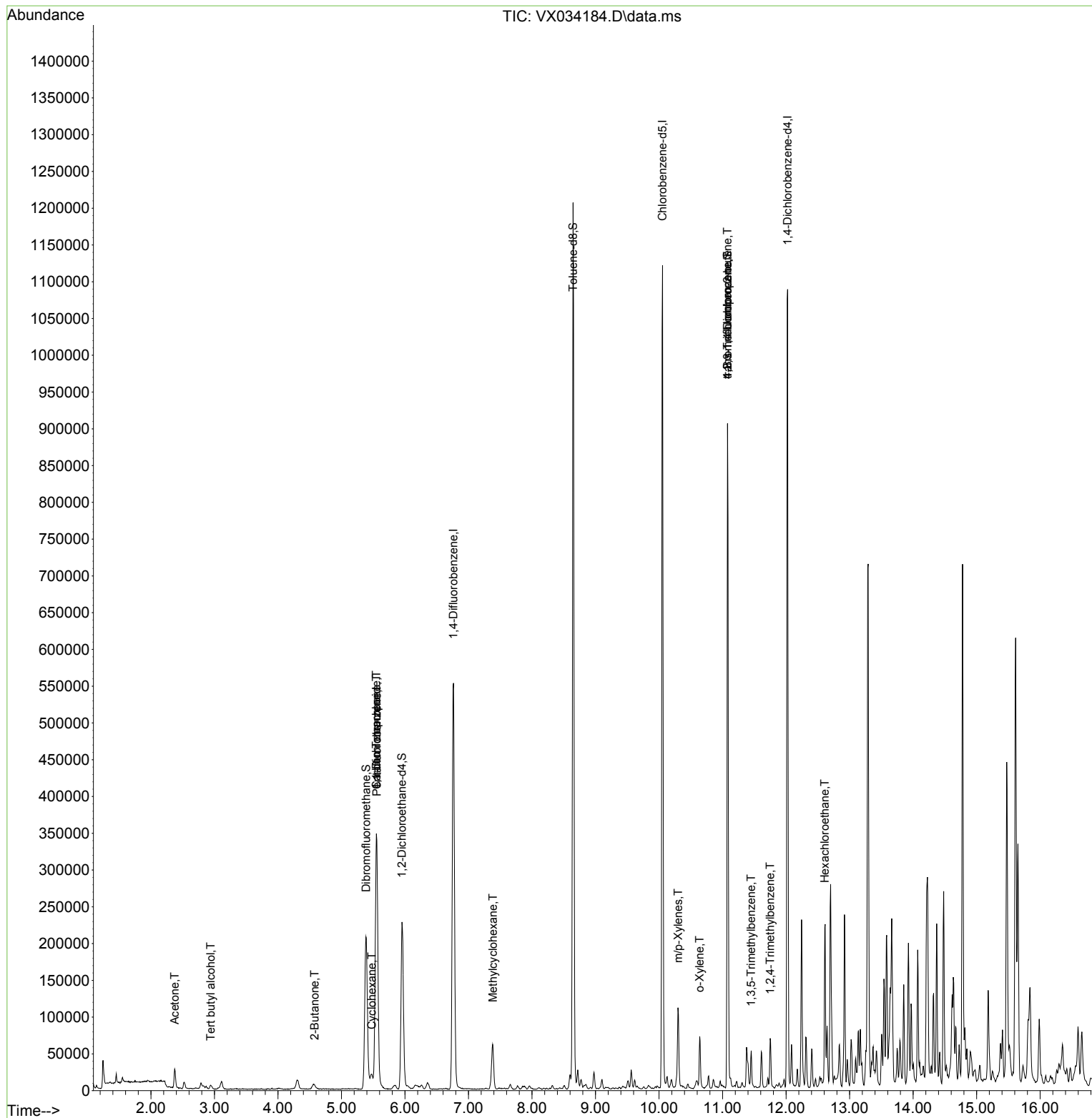
Internal Standards						
1) Pentafluorobenzene	5.556	168	352855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	590556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	519376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	208157	43.803	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.600%
35) Dibromofluoromethane	5.385	113	186010	48.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	8.647	98	706668	51.189	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.380%
62) 4-Bromofluorobenzene	11.079	95	242140	45.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.700%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	122	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	3258	3.065	ug/l #	86
16) Acetone	2.373	43	27611	11.263	ug/l #	87
25) 2-Butanone	4.574	43	6505	1.834	ug/l	97
31) Cyclohexane	5.477	56	14357	2.024	ug/l	94
36) 1,1-Dichloropropene	5.550	75	25535	4.490	ug/l #	49
38) Carbon Tetrachloride	5.550	117	32955	5.632	ug/l #	15
39) Methylcyclohexane	7.385	83	27470	3.754	ug/l	94
68) m/p-Xylenes	10.299	106	25857	3.474	ug/l	96
69) o-Xylene	10.640	106	16109	2.174	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	119167	19.989	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.451	105	21389	1.409	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	119167	51.351	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.750	105	30615	1.995	ug/l	97
90) Hexachloroethane	12.609	117	9233	2.826	ug/l #	4

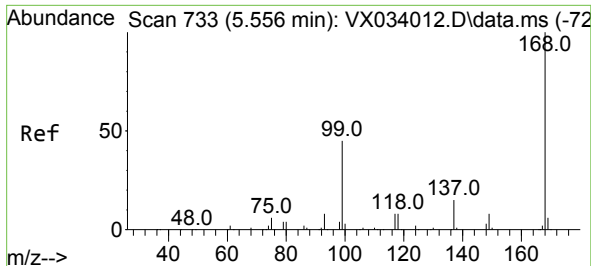
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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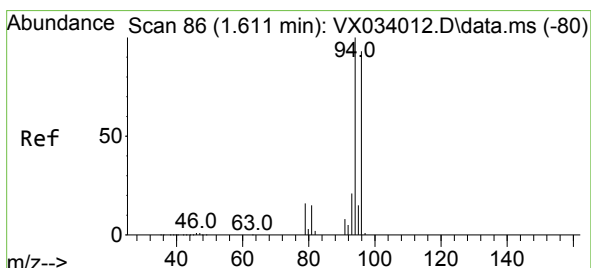
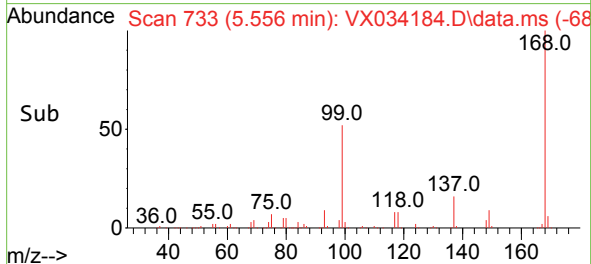
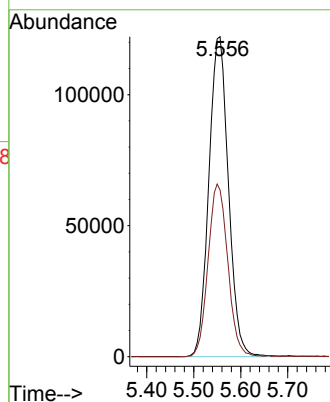
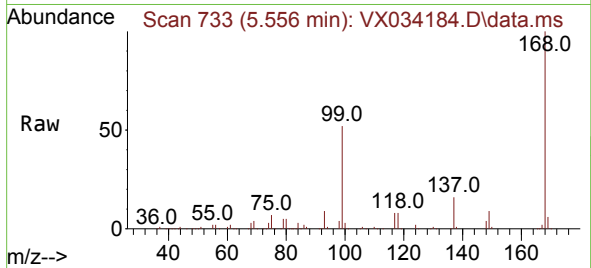




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

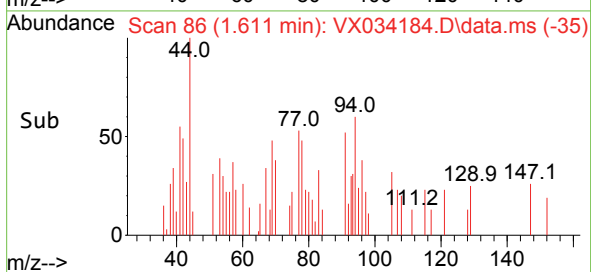
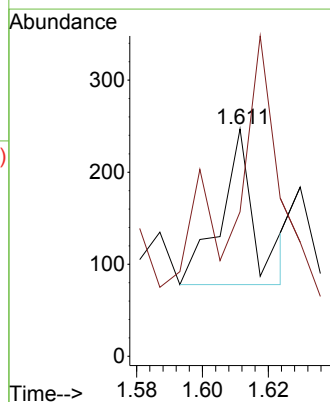
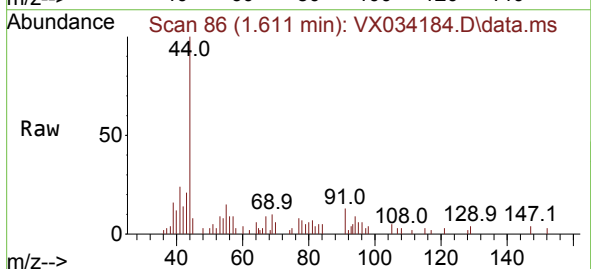
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

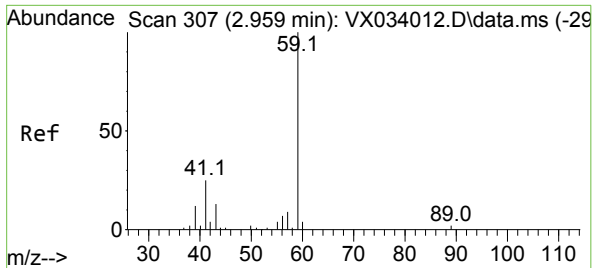
Tgt Ion:168 Resp: 352855
Ion Ratio Lower Upper
168 100
99 52.1 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

Tgt Ion: 94 Resp: 122
Ion Ratio Lower Upper
94 100
96 38.5 74.3 111.5#





#11

Tert butyl alcohol

Concen: 3.065 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX034184.D

Acq: 20 Feb 2023 13:50

Instrument :

MSVOA_X

ClientSampleId :

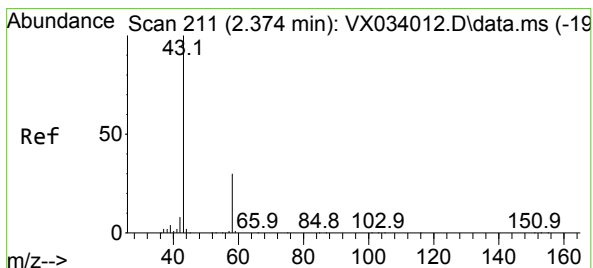
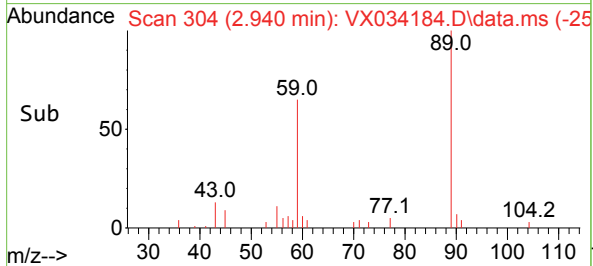
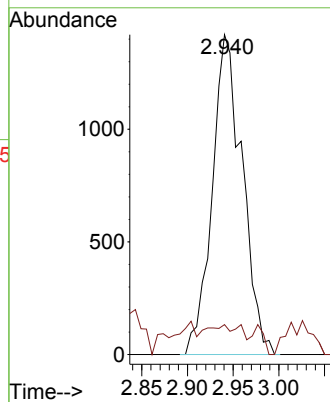
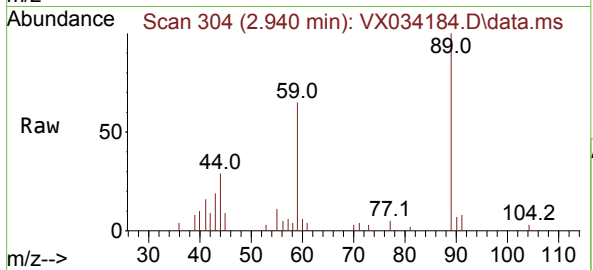
NYE-WATER-0217

Tgt Ion: 59 Resp: 3258

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#16

Acetone

Concen: 11.263 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034184.D

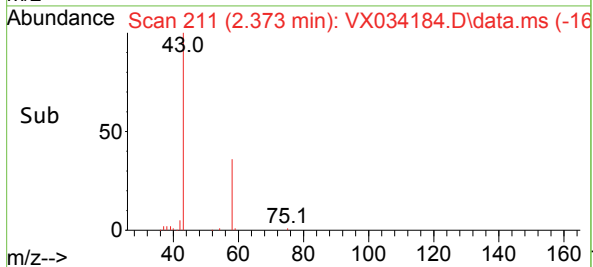
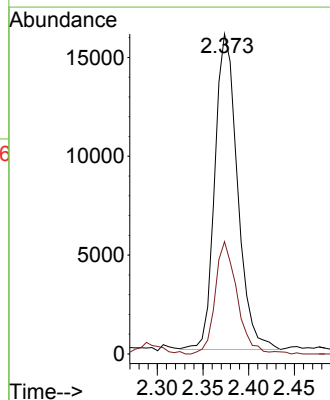
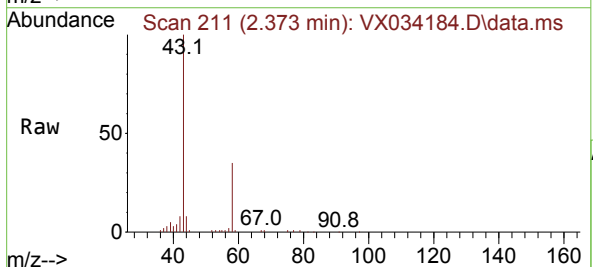
Acq: 20 Feb 2023 13:50

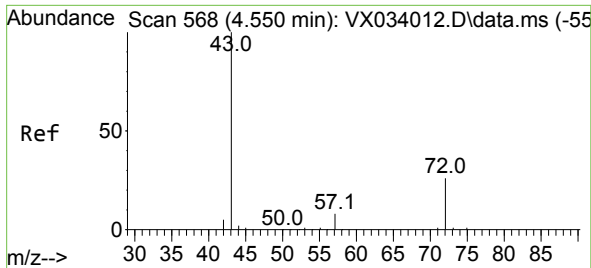
Tgt Ion: 43 Resp: 27611

Ion Ratio Lower Upper

43 100

58 34.9 22.6 33.8#

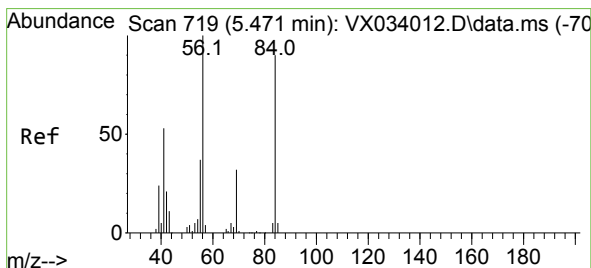
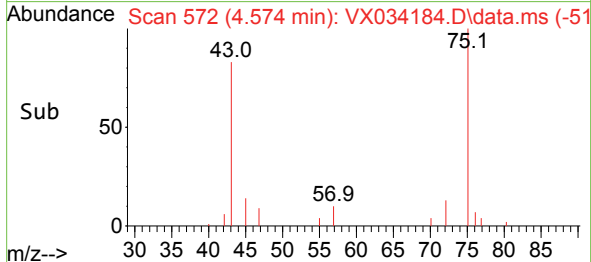
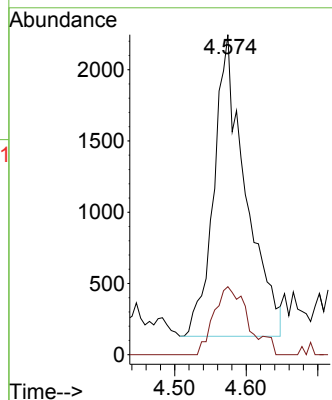
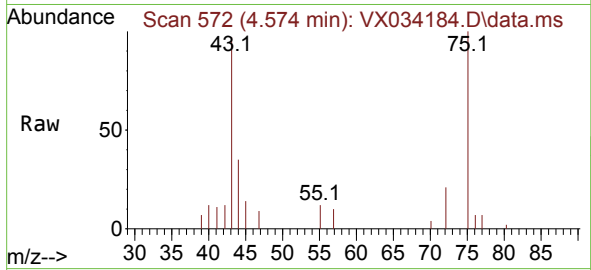




#25
2-Butanone
Concen: 1.834 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

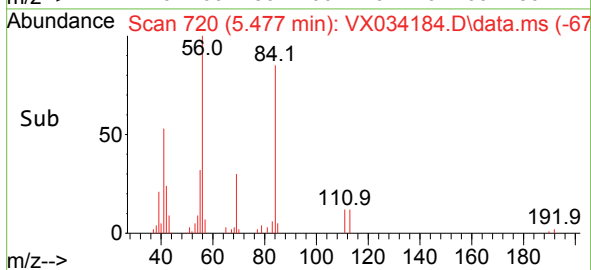
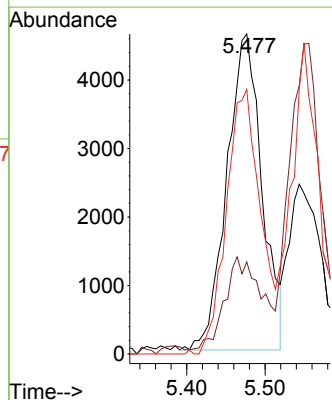
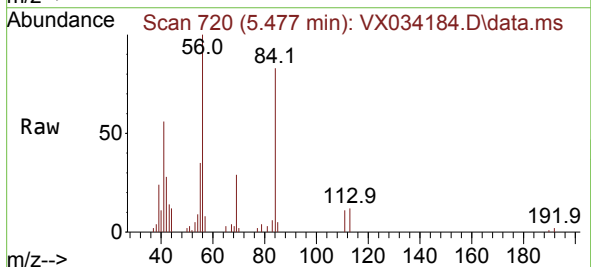
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

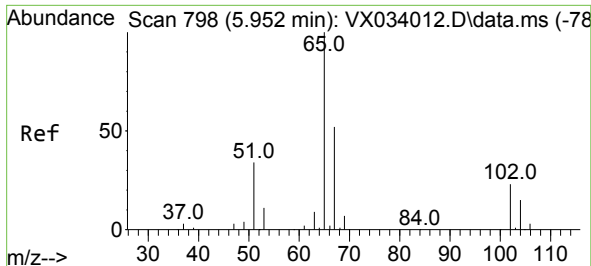
Tgt Ion: 43 Resp: 6505
Ion Ratio Lower Upper
43 100
72 22.6 19.4 29.2



#31
Cyclohexane
Concen: 2.024 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

Tgt Ion: 56 Resp: 14357
Ion Ratio Lower Upper
56 100
69 26.9 24.6 37.0
84 83.7 71.0 106.6

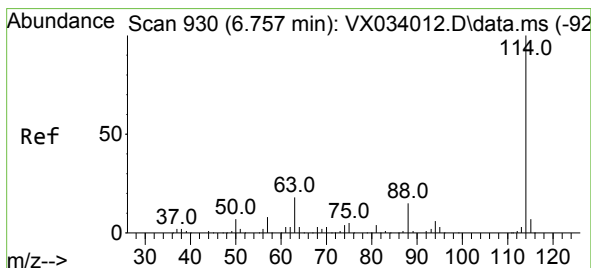
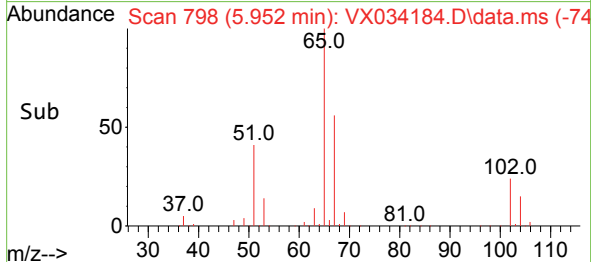
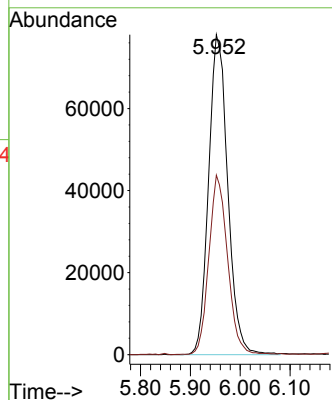
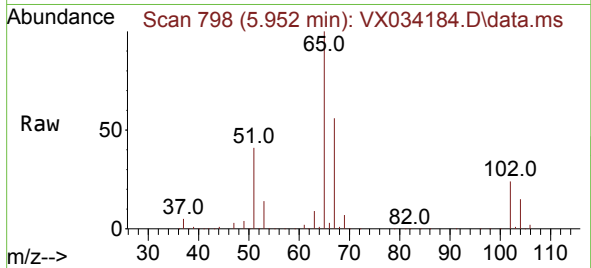




#33
 1,2-Dichloroethane-d4
 Concen: 43.803 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034184.D
 Acq: 20 Feb 2023 13:50

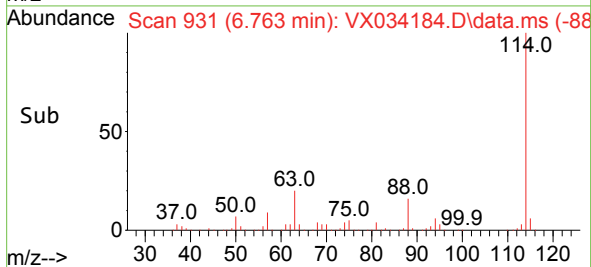
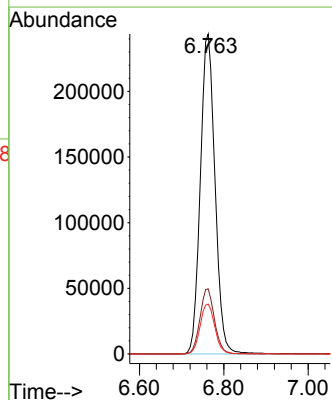
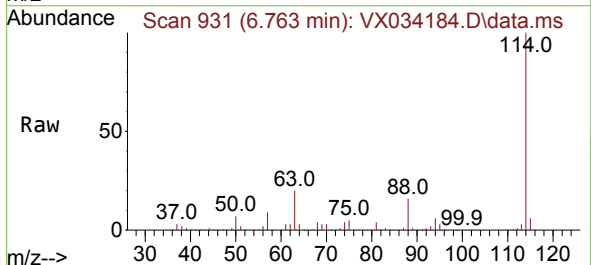
Instrument :
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 ClientSampleId :
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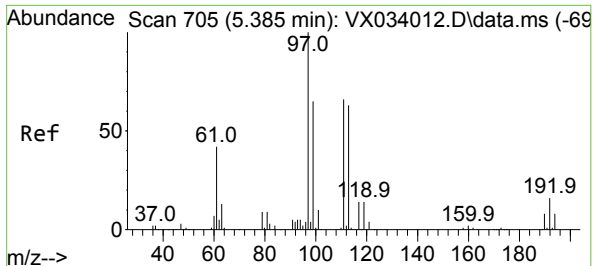
Tgt Ion: 65 Resp: 208157
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034184.D
 Acq: 20 Feb 2023 13:50

Tgt Ion: 114 Resp: 590556
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.4
 88 15.6 0.0 30.6

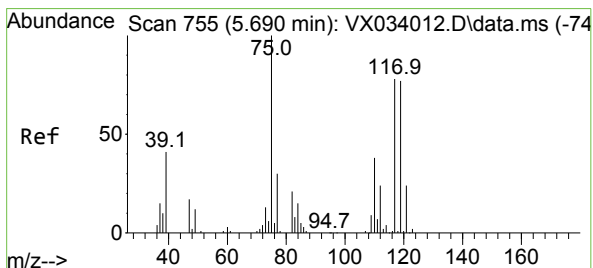
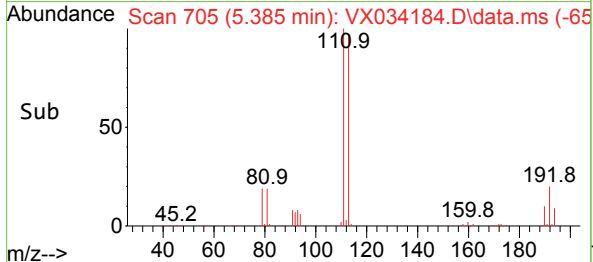
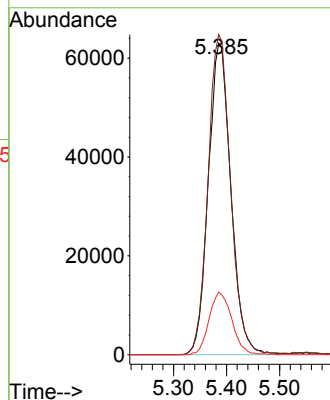
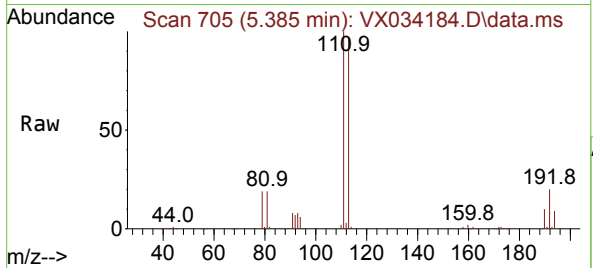




#35
Dibromofluoromethane
Concen: 48.376 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

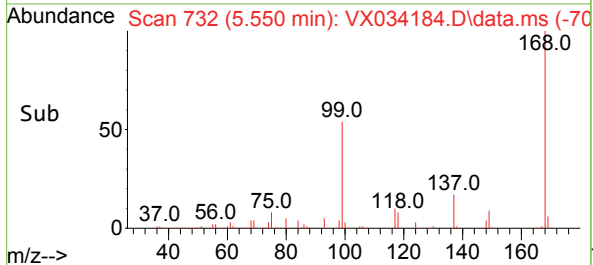
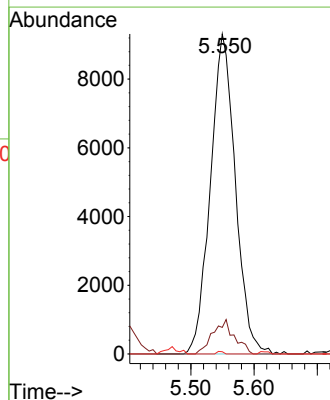
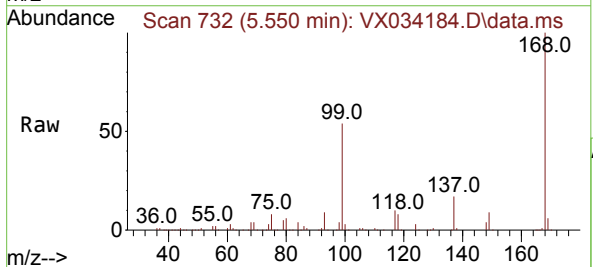
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

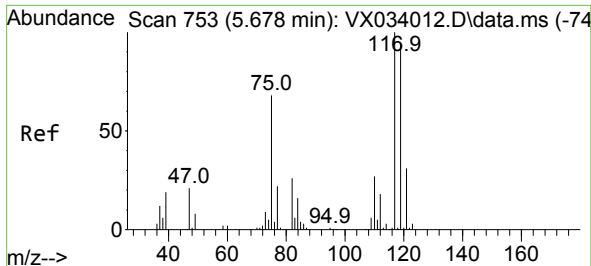
Tgt Ion:113 Resp: 186010
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 20.3 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

Tgt Ion: 75 Resp: 25535
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.2 25.1 37.7#

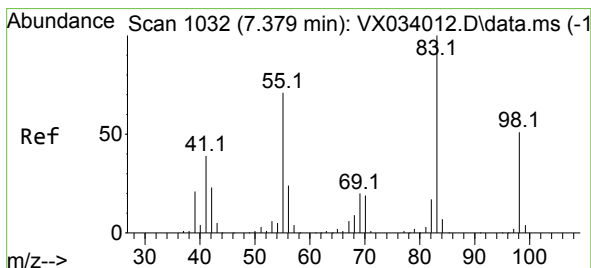
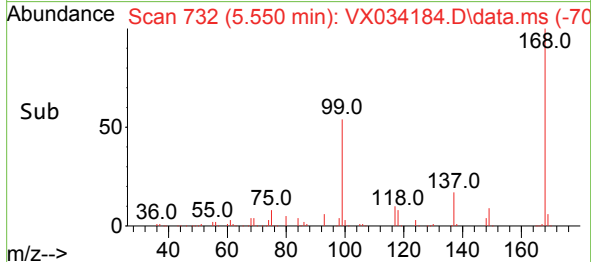
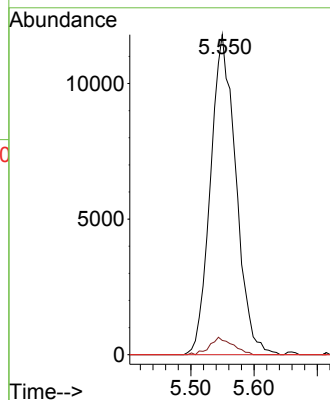
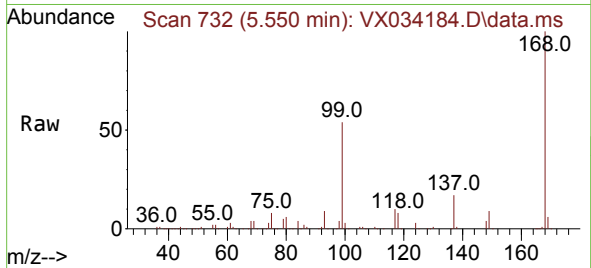




#38
Carbon Tetrachloride
Concen: 5.632 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

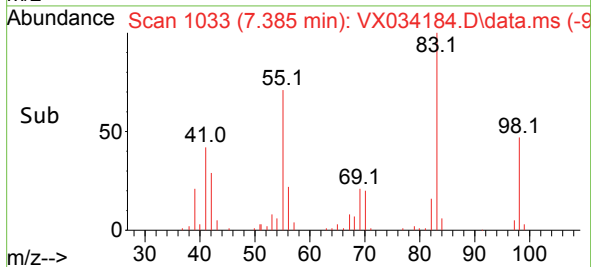
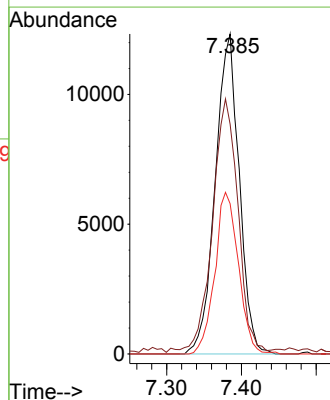
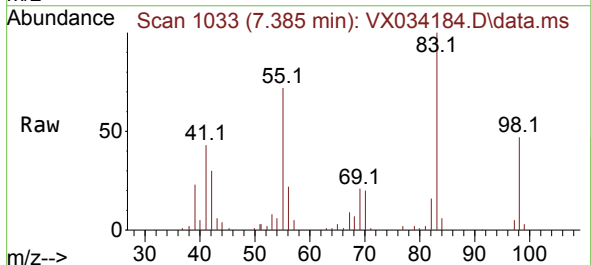
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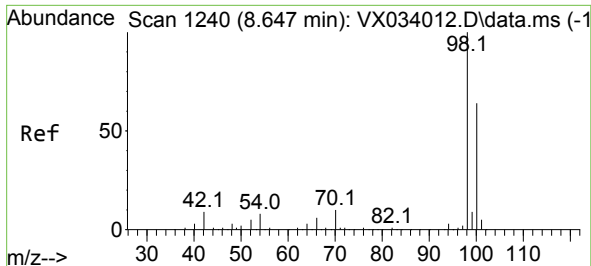
Tgt Ion:117 Resp: 32955
Ion Ratio Lower Upper
117 100
119 4.5 78.0 117.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 3.754 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

Tgt Ion: 83 Resp: 27470
Ion Ratio Lower Upper
83 100
55 70.5 61.8 92.6
98 47.0 39.3 58.9

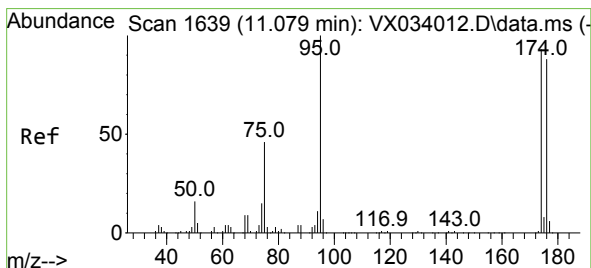
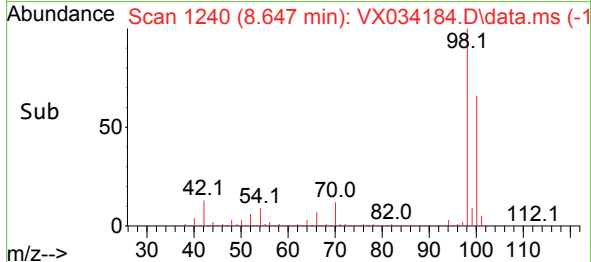
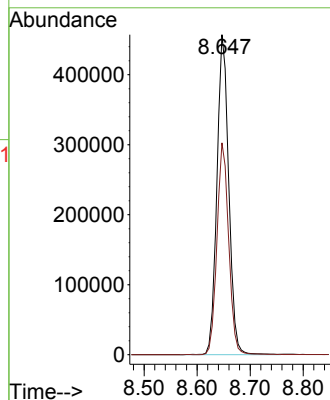
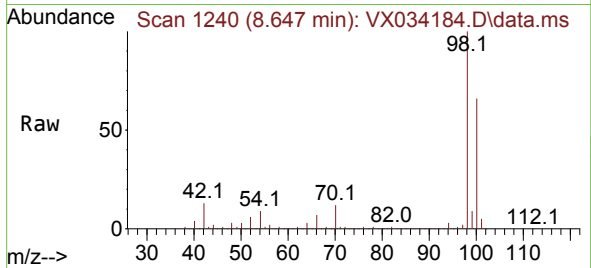




#50
Toluene-d8
Concen: 51.189 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

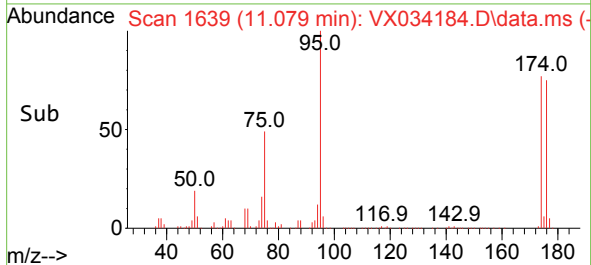
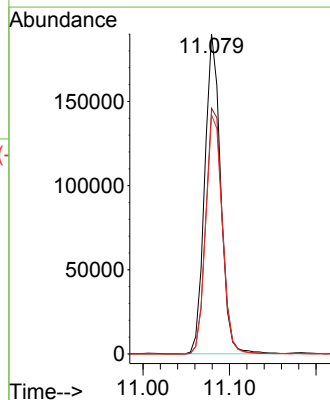
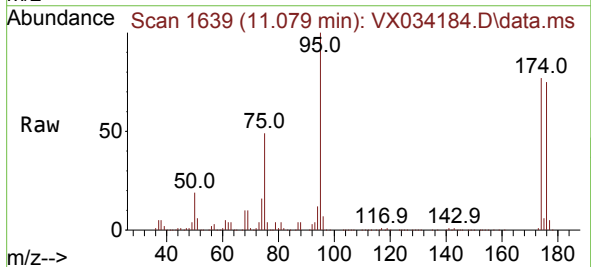
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

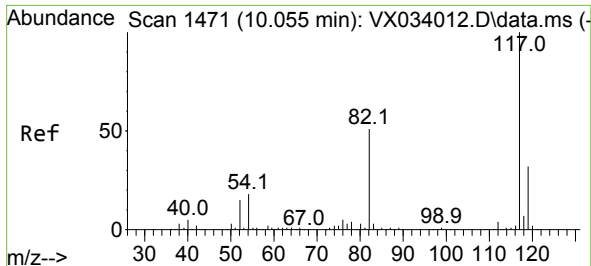
Tgt Ion: 98 Resp: 706668
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

Tgt Ion: 95 Resp: 242140
Ion Ratio Lower Upper
95 100
174 80.3 0.0 184.4
176 77.6 0.0 178.8

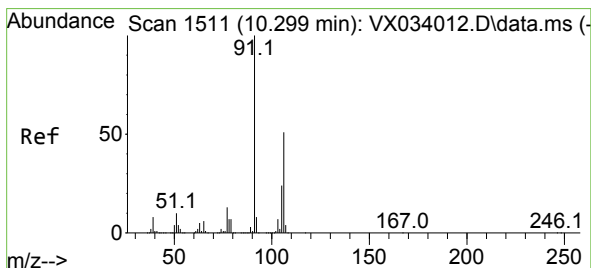
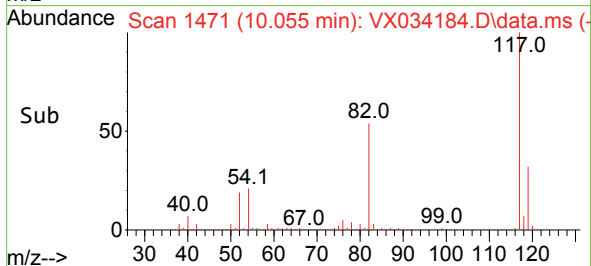
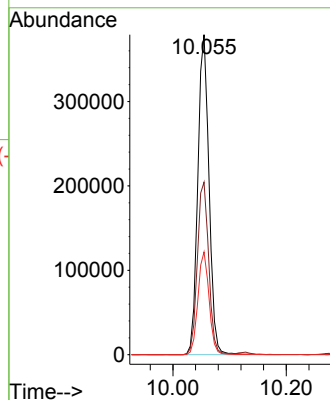
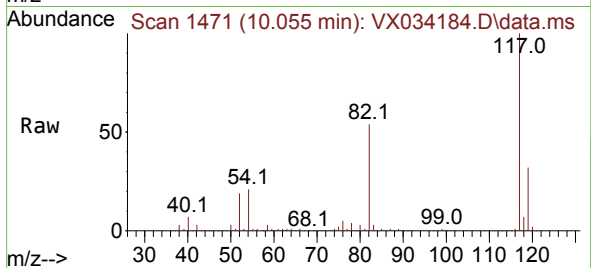




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

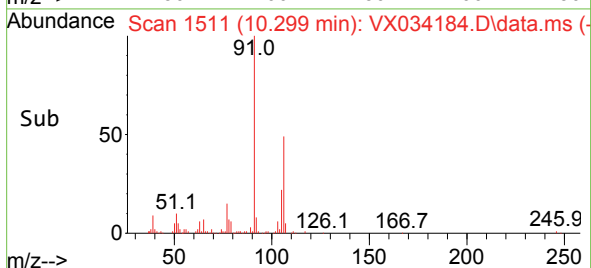
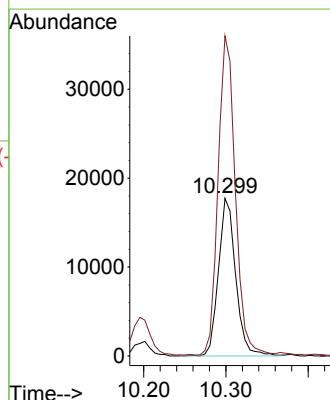
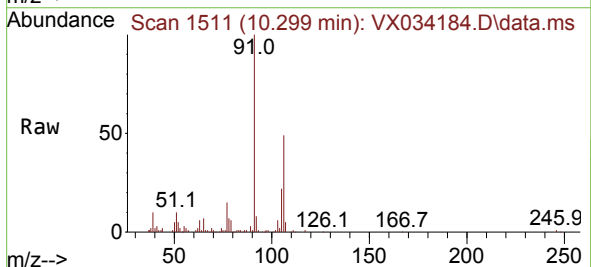
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

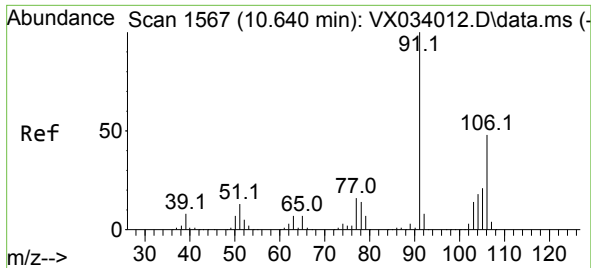
Tgt Ion:117 Resp: 519376
Ion Ratio Lower Upper
117 100
82 53.9 40.6 60.8
119 32.1 25.6 38.4



#68
m/p-Xylenes
Concen: 3.474 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

Tgt Ion:106 Resp: 25857
Ion Ratio Lower Upper
106 100
91 201.3 156.4 234.6

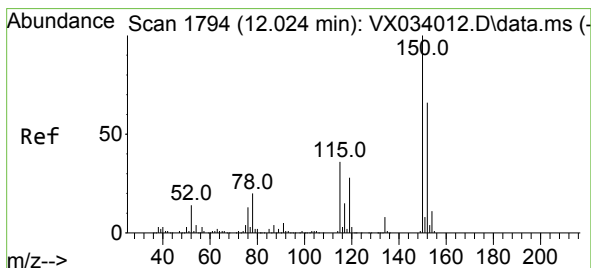
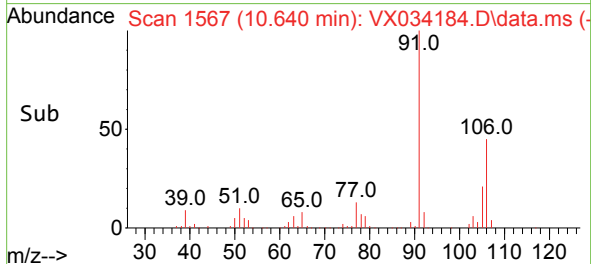
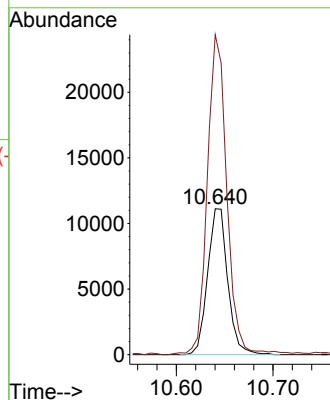
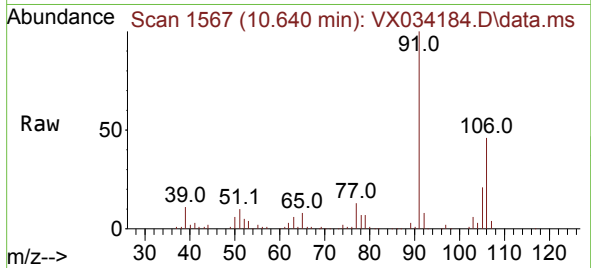




#69
o-Xylene
Concen: 2.174 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

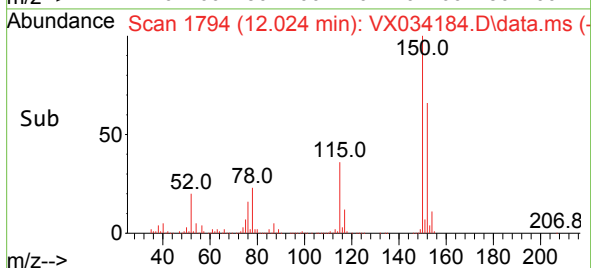
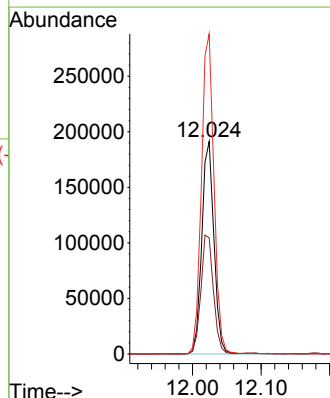
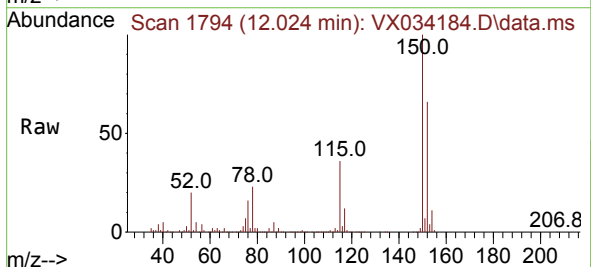
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

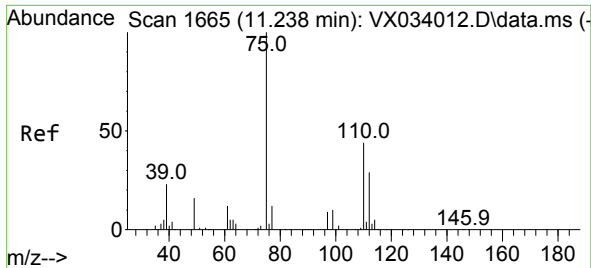
Tgt Ion:106 Resp: 16109
Ion Ratio Lower Upper
106 100
91 213.3 103.1 309.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

Tgt Ion:152 Resp: 236919
Ion Ratio Lower Upper
152 100
115 57.6 38.7 116.1
150 154.8 0.0 348.2

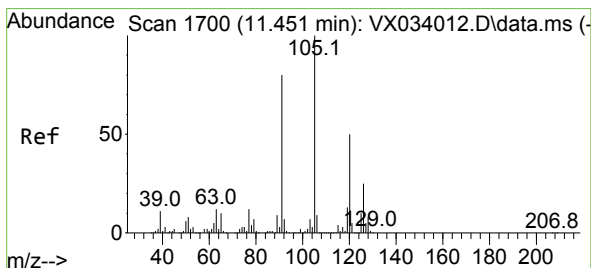
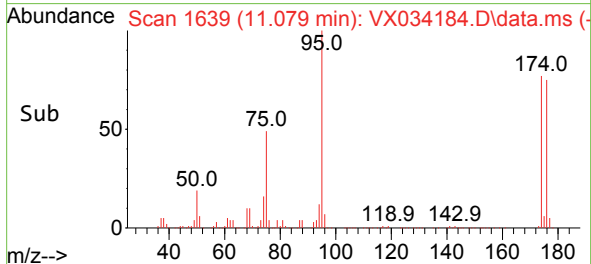
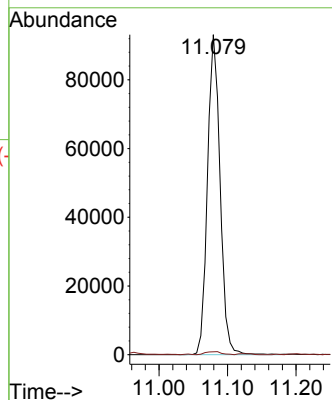
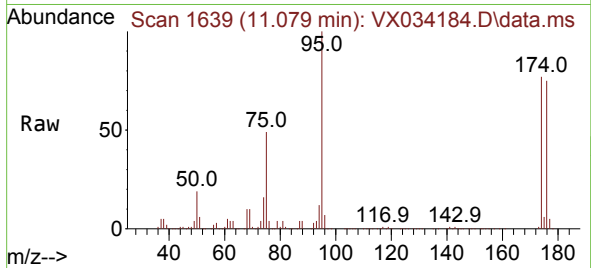




#76
 1,2,3-Trichloropropane
 Concen: 19.989 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034184.D
 Acq: 20 Feb 2023 13:50

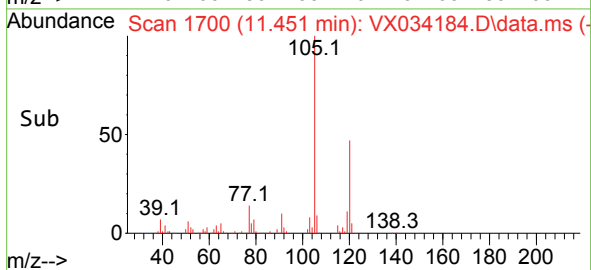
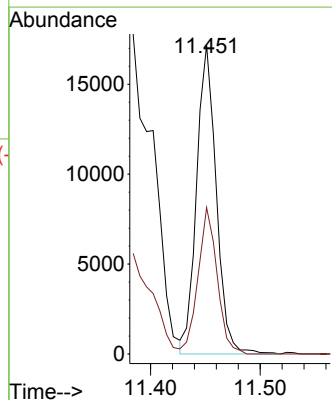
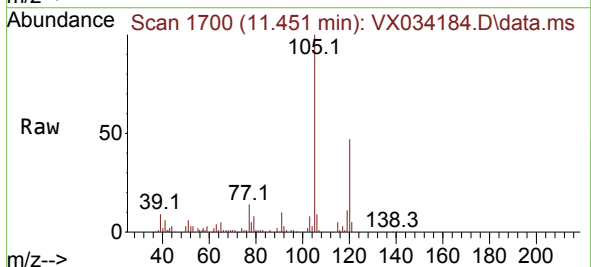
Instrument :
 MSVOA_X
 ClientSampleId :
 NYE-WATER-0217

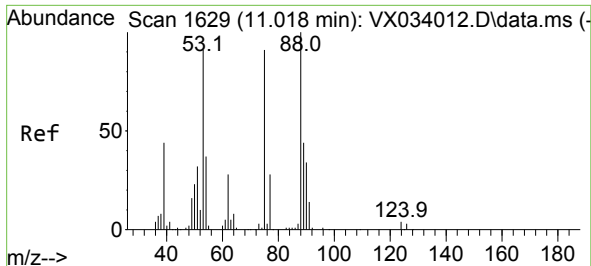
Tgt Ion: 75 Resp: 119167
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.8 65.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.409 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX034184.D
 Acq: 20 Feb 2023 13:50

Tgt Ion: 105 Resp: 21389
 Ion Ratio Lower Upper
 105 100
 120 46.2 25.6 76.8

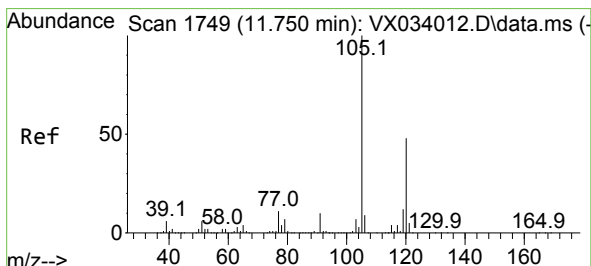
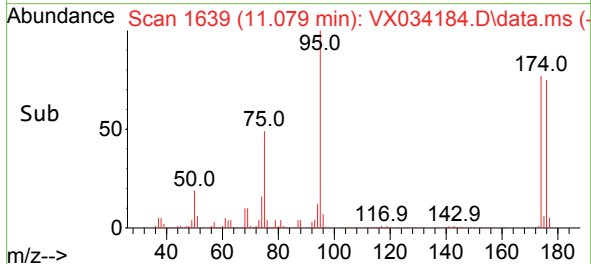
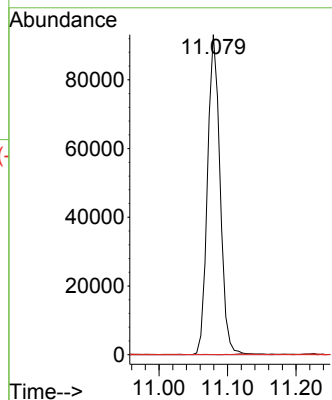
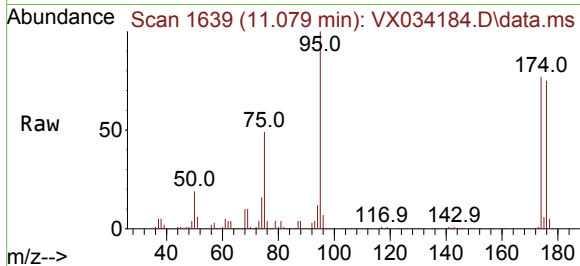




#81
trans-1,4-Dichloro-2-butene
Concen: 51.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

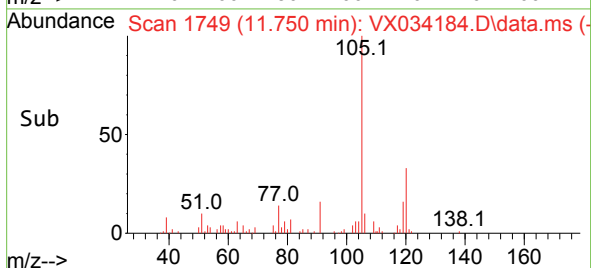
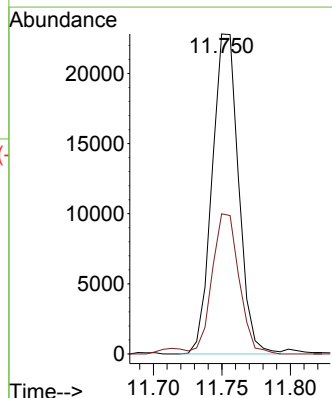
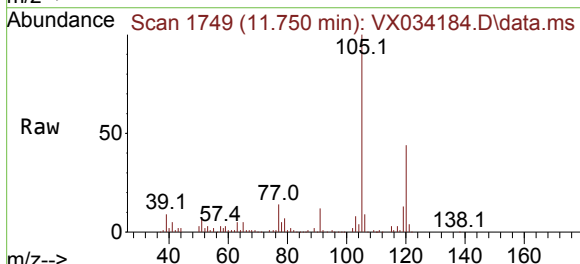
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

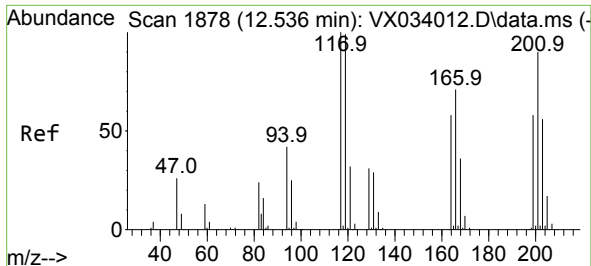
Tgt Ion: 75 Resp: 119167
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#84
1,2,4-Trimethylbenzene
Concen: 1.995 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

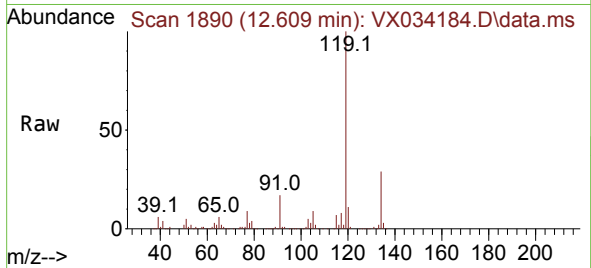
Tgt Ion: 105 Resp: 30615
Ion Ratio Lower Upper
105 100
120 44.6 23.4 70.2





#90
 Hexachloroethane
 Concen: 2.826 ug/l
 RT: 12.609 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX034184.D
 Acq: 20 Feb 2023 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 NYE-WATER-0217



Tgt Ion:117 Resp: 9233
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.1 135.3#

