

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)

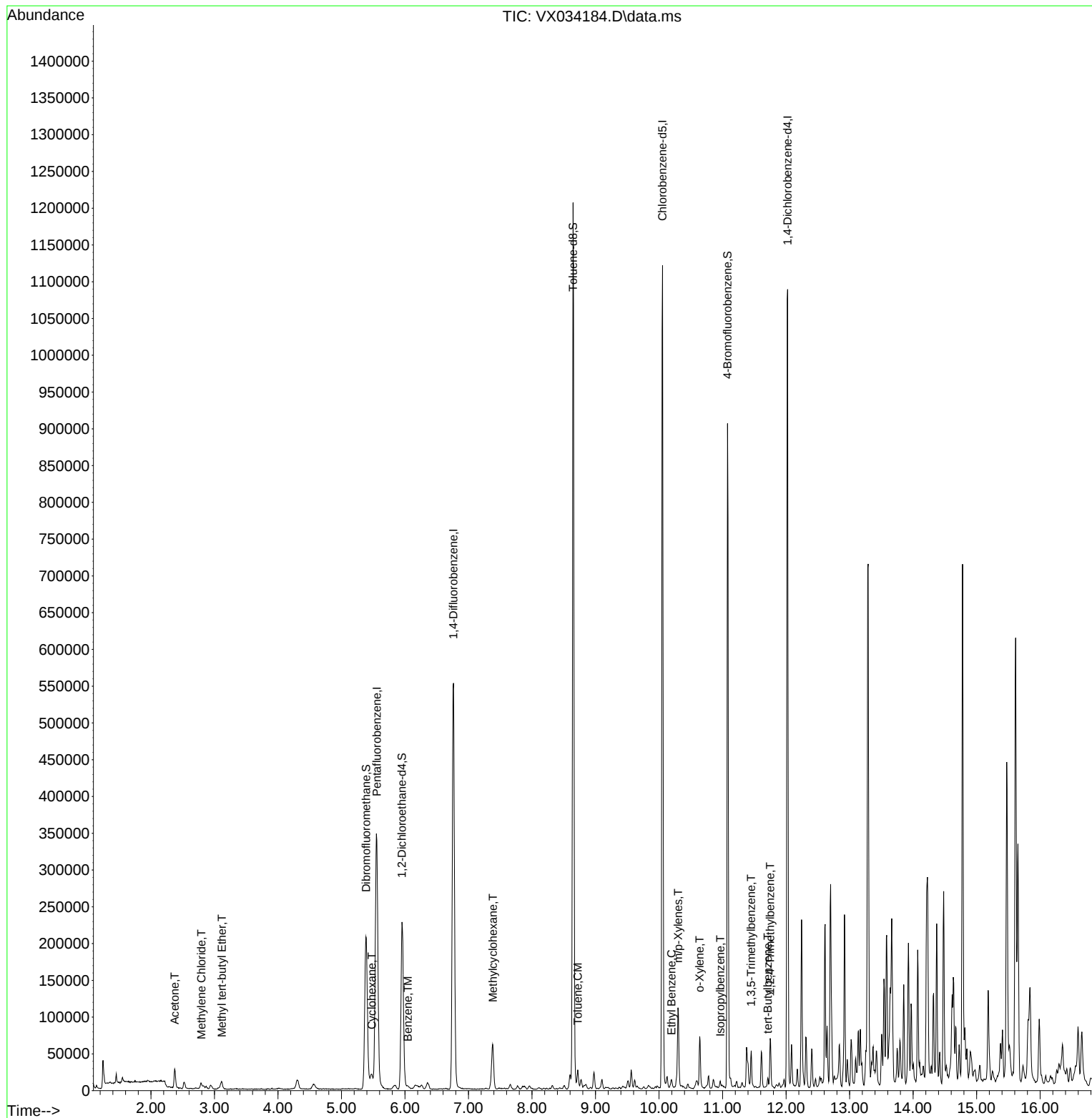
Internal Standards						
1) Pentafluorobenzene	5.556	168	352855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	590556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	519376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
16) Acetone	2.373	43	27611	11.263	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	8198	0.609	ug/l #	55
20) Methylene Chloride	2.794	84	3023	0.684	ug/l #	89
31) Cyclohexane	5.477	56	14357	2.024	ug/l	94
39) Methylcyclohexane	7.385	83	27470	3.754	ug/l	94
40) Benzene	6.044	78	3741	0.222	ug/l #	89
52) Toluene	8.720	92	9108	0.892	ug/l	99
67) Ethyl Benzene	10.195	91	6876	0.354	ug/l	100
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
73) Isopropylbenzene	10.963	105	4350	0.241	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	21389	1.409	ug/l	93
83) tert-Butylbenzene	11.713	119	4480	0.288	ug/l	86
84) 1,2,4-Trimethylbenzene	11.750	105	30615	1.995	ug/l	97

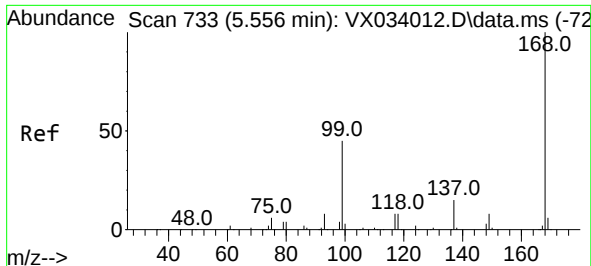
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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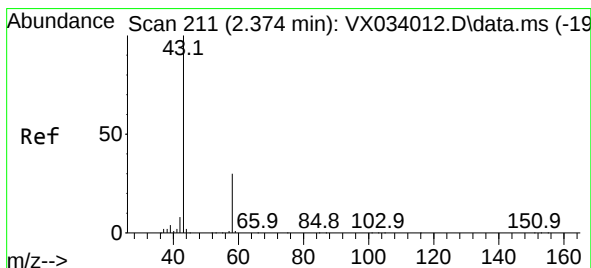
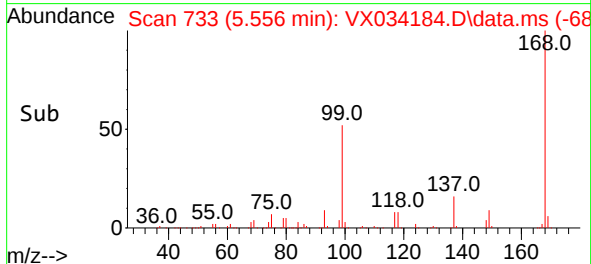
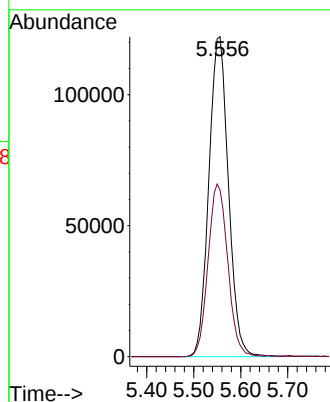
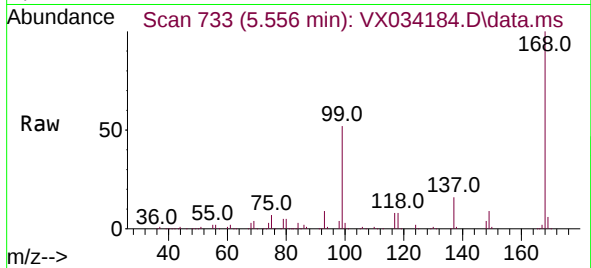




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

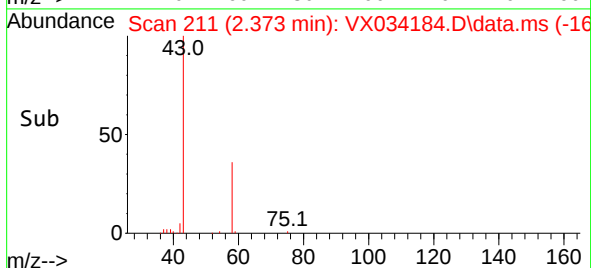
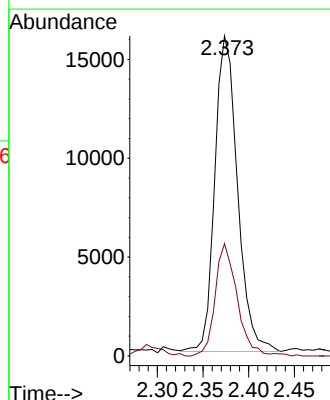
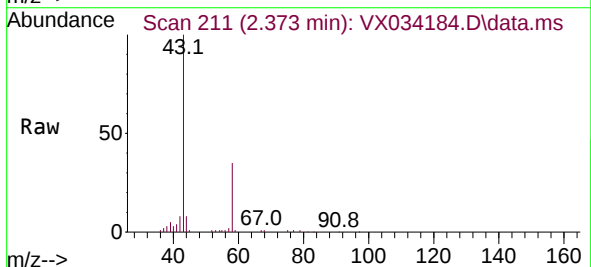
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

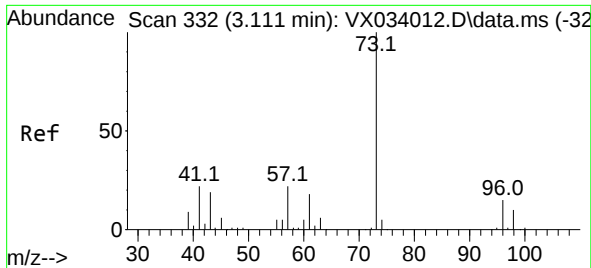
Tgt Ion:168 Resp: 352855
Ion Ratio Lower Upper
168 100
99 52.1 39.6 59.4



#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#

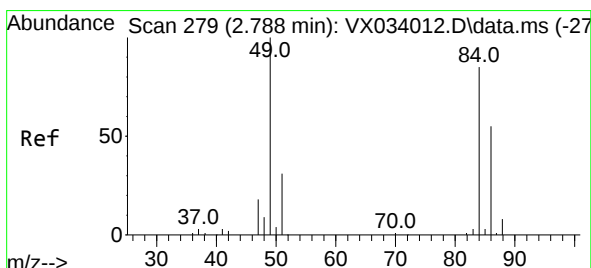
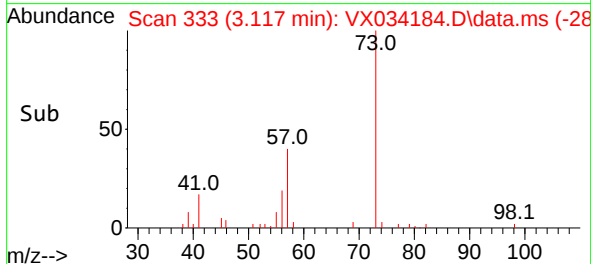
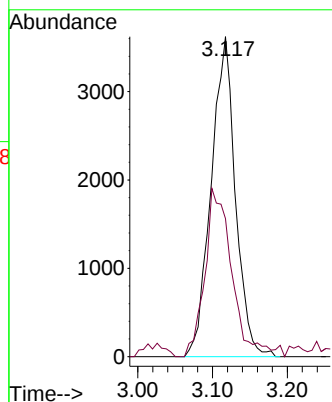
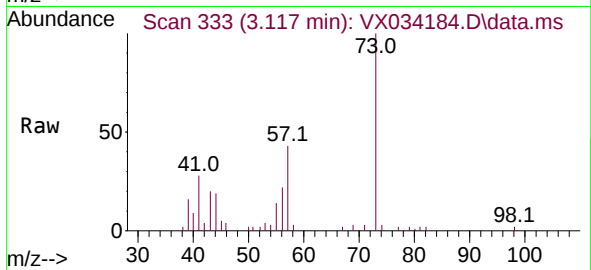




#19
Methyl tert-butyl Ether
Concen: 0.609 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

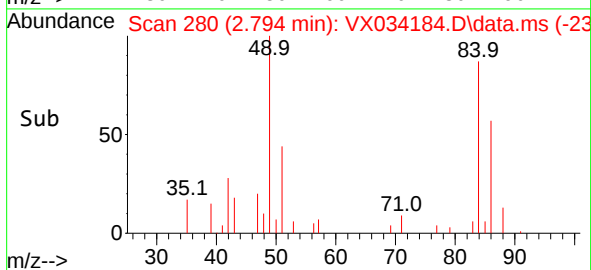
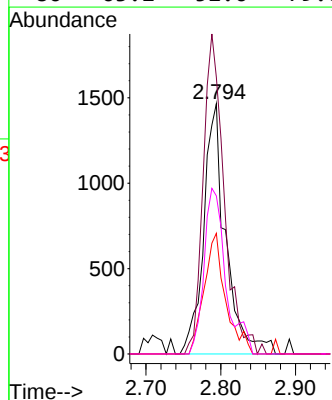
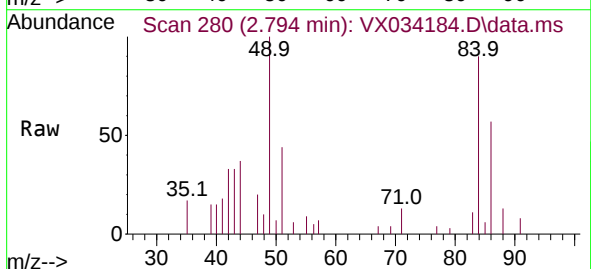
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

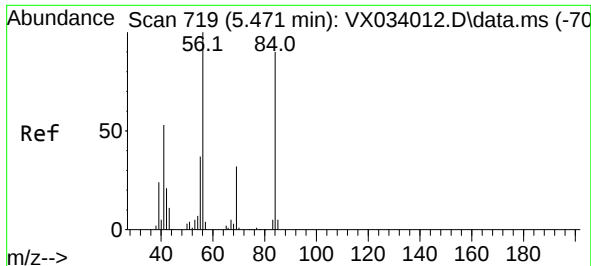
Tgt Ion: 73 Resp: 8198
Ion Ratio Lower Upper
73 100
57 43.1 17.4 26.0#



#20
Methylene Chloride
Concen: 0.684 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

Tgt Ion: 84 Resp: 3023
Ion Ratio Lower Upper
84 100
49 110.5 101.1 151.7
51 48.2 31.0 46.6#
86 63.2 52.6 79.0

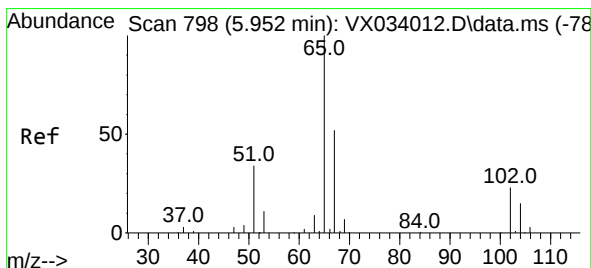
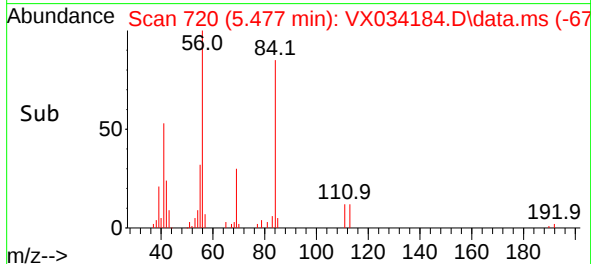
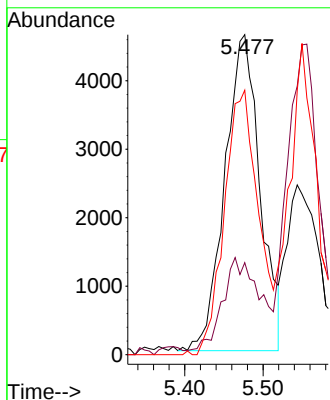
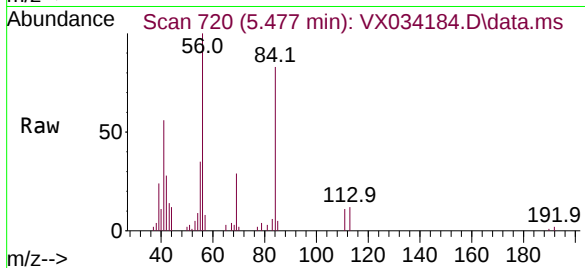




#31
Cyclohexane
Concen: 2.024 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

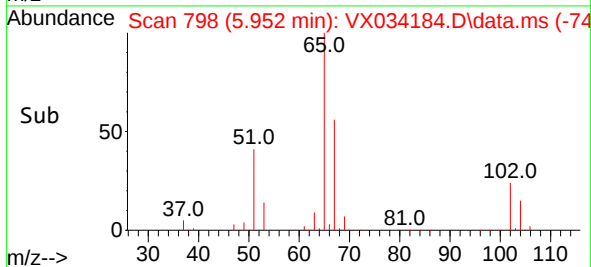
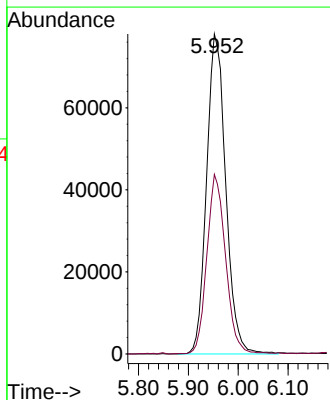
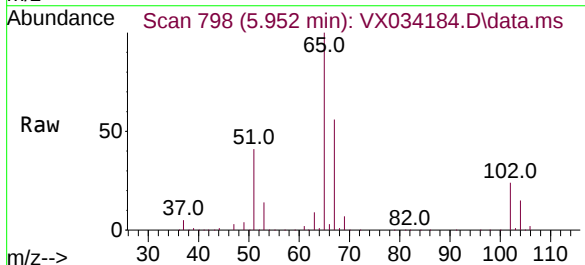
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

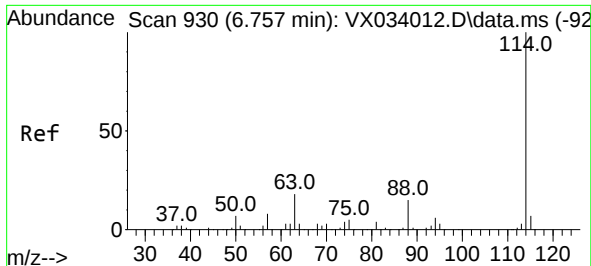
Tgt Ion: 56 Resp: 14357
Ion Ratio Lower Upper
56 100
69 26.9 24.6 37.0
84 83.7 71.0 106.6



#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

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

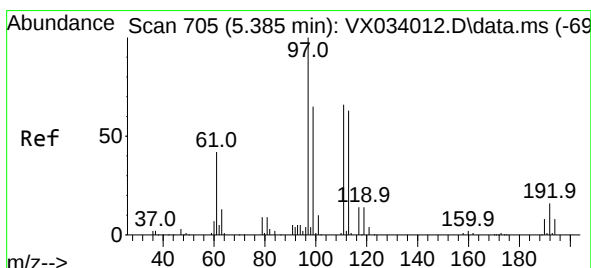
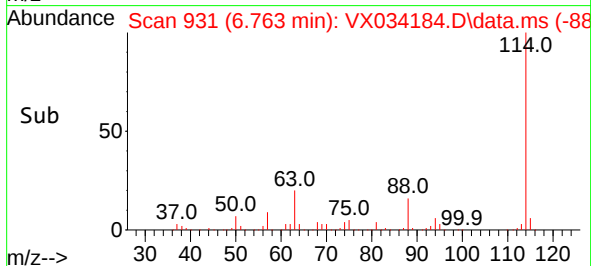
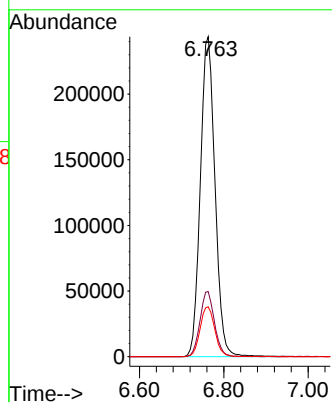
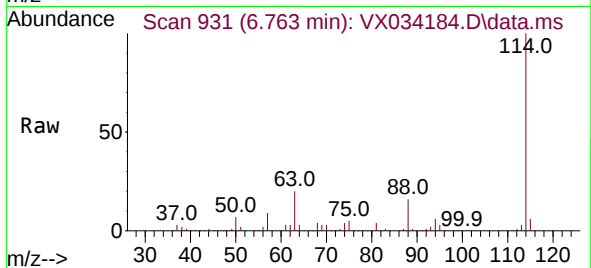




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

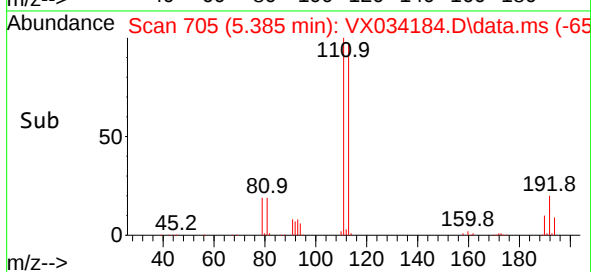
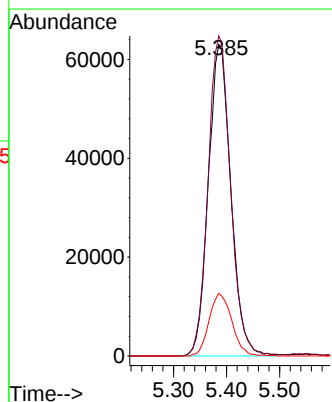
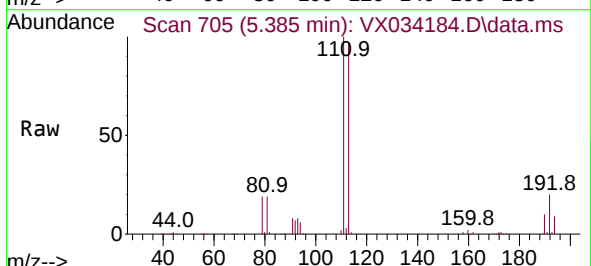
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

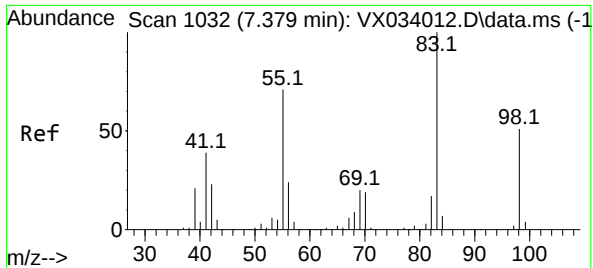
Tgt Ion:114 Resp: 590556
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 15.6 0.0 30.6



#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

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





#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

Instrument :

MSVOA_X

ClientSampleId :

NYE-WATER-0217

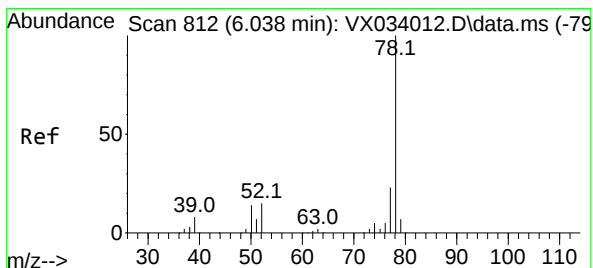
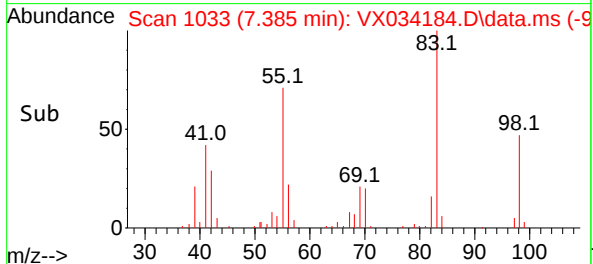
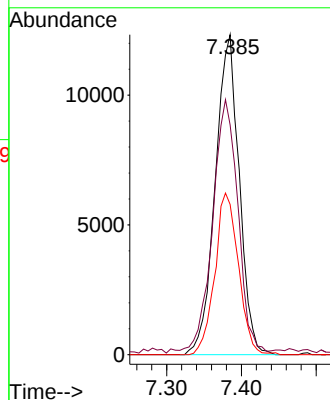
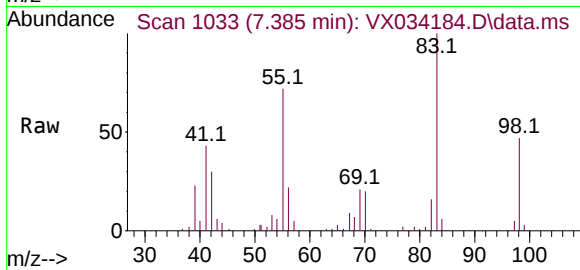
Tgt Ion: 83 Resp: 27470

Ion Ratio Lower Upper

83 100

55 70.5 61.8 92.6

98 47.0 39.3 58.9



#40

Benzene

Concen: 0.222 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX034184.D

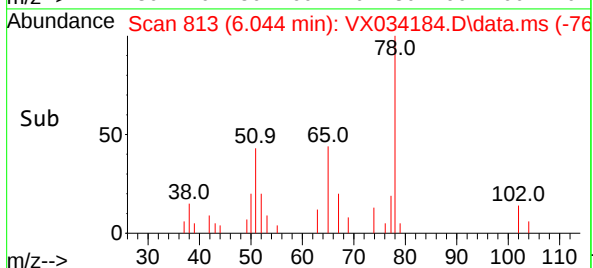
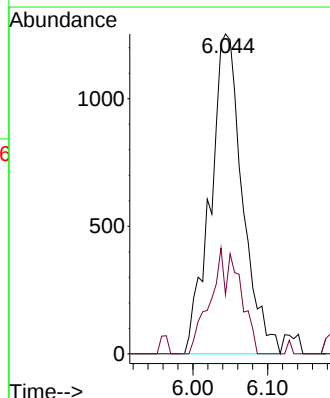
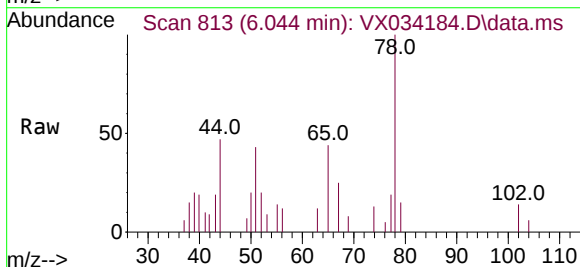
Acq: 20 Feb 2023 13:50

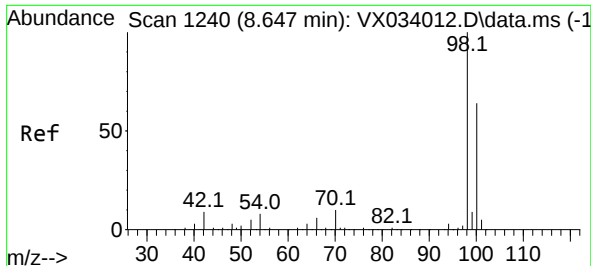
Tgt Ion: 78 Resp: 3741

Ion Ratio Lower Upper

78 100

77 18.5 19.0 28.4#

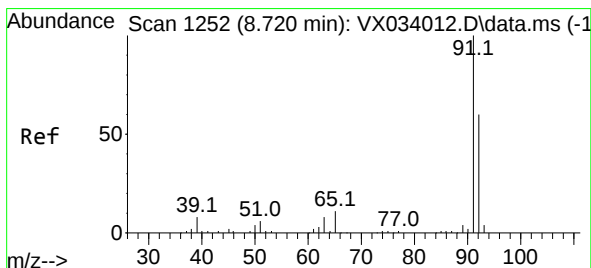
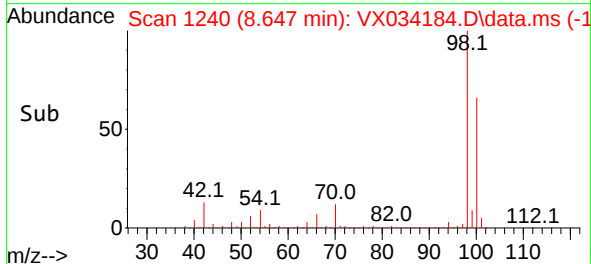
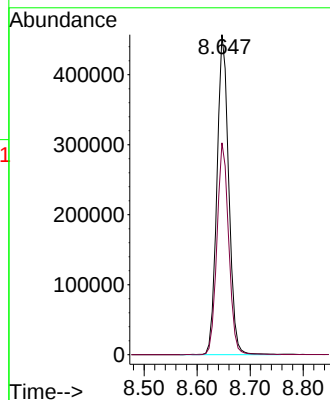
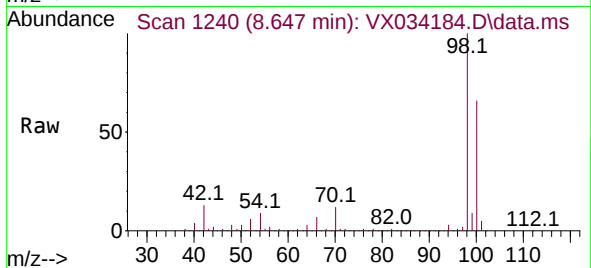




#50
Toluene-d8
Concen: 51.189 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

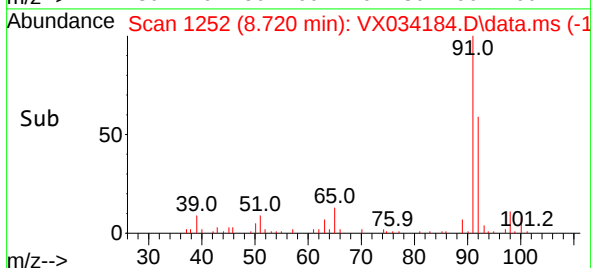
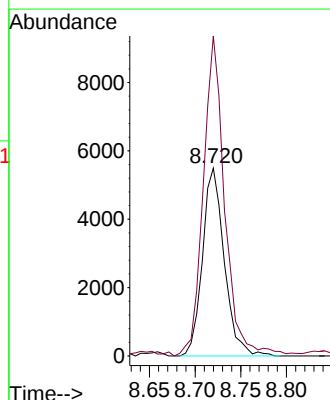
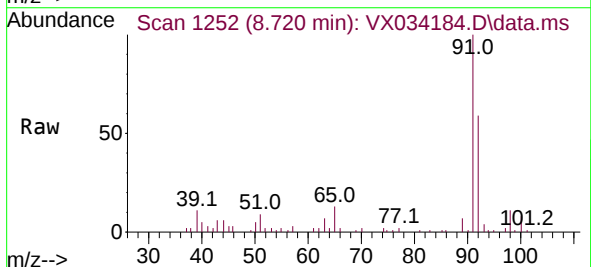
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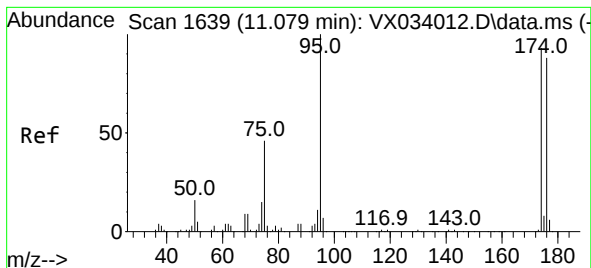
Tgt Ion: 98 Resp: 706668
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4



#52
Toluene
Concen: 0.892 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

Tgt Ion: 92 Resp: 9108
Ion Ratio Lower Upper
92 100
91 167.8 135.5 203.3

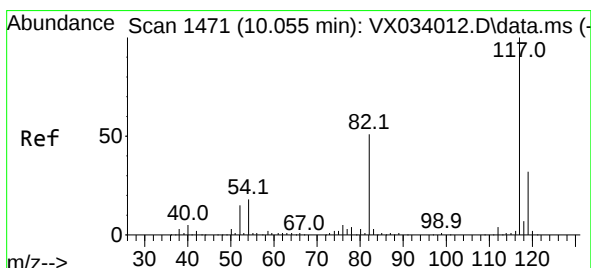
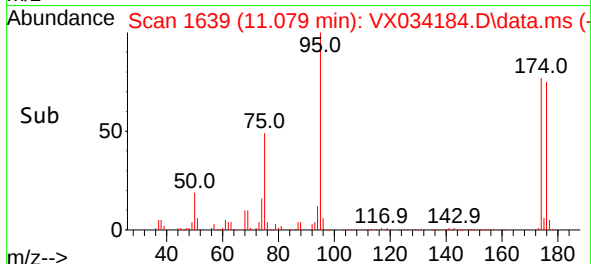
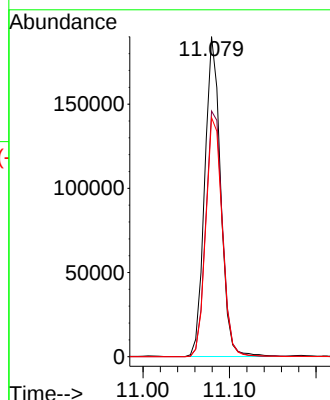
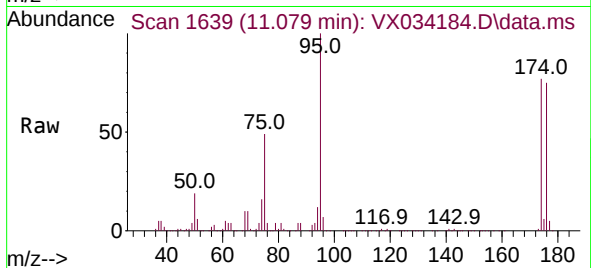




#62
4-Bromofluorobenzene
Concen: 45.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

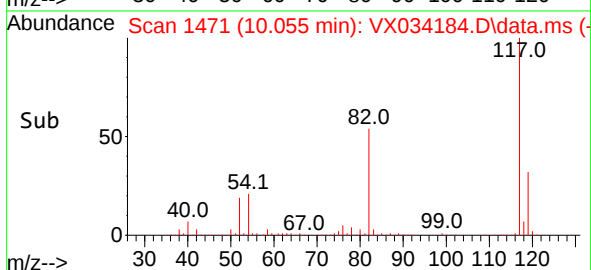
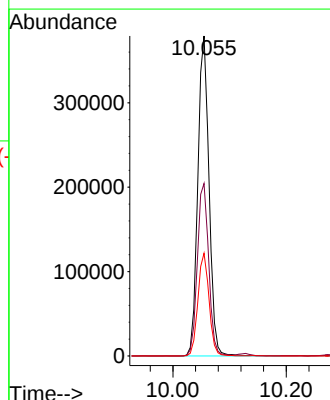
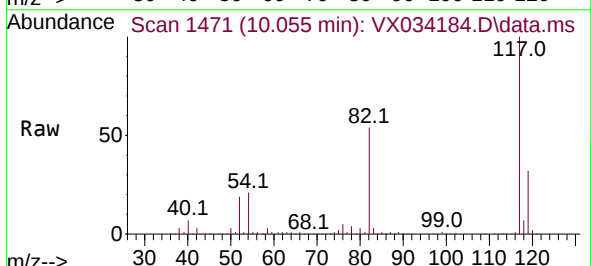
Instrument :
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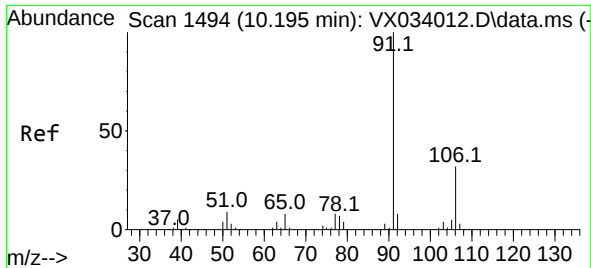
Tgt Ion: 95 Resp: 242140
Ion Ratio Lower Upper
95 100
174 80.3 0.0 184.4
176 77.6 0.0 178.8



#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

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

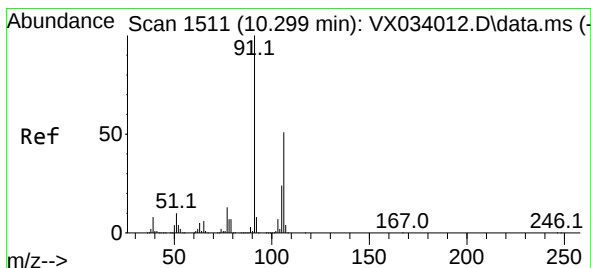
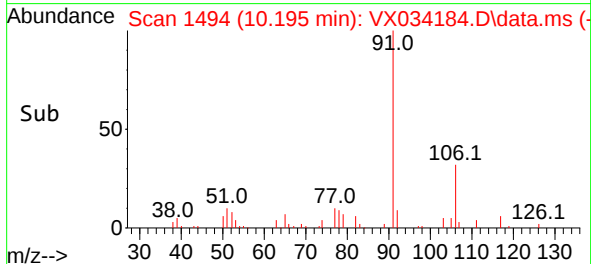
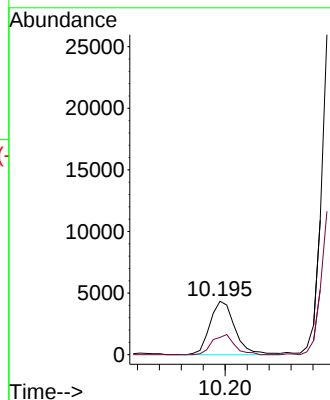
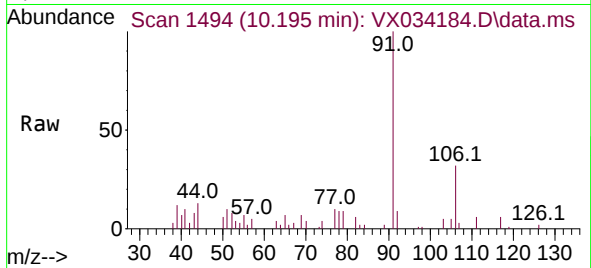




#67
Ethyl Benzene
Concen: 0.354 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

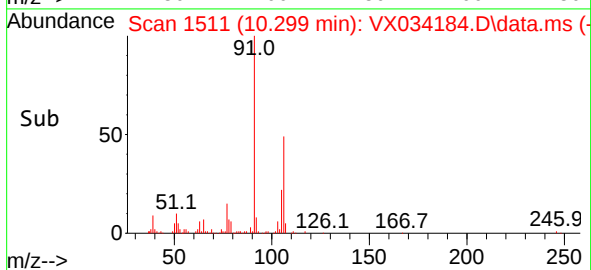
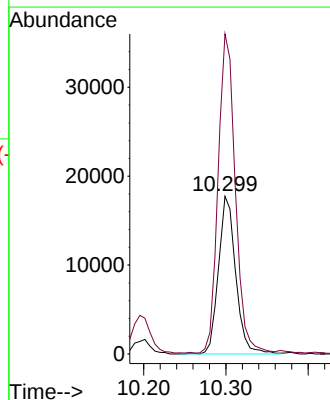
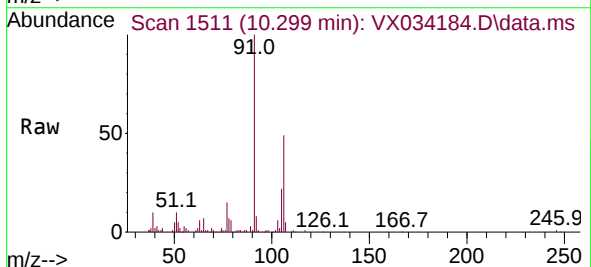
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

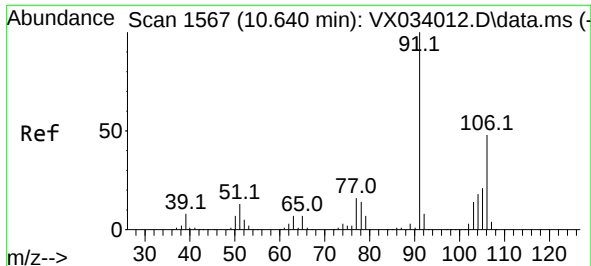
Tgt Ion: 91 Resp: 6876
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8



#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

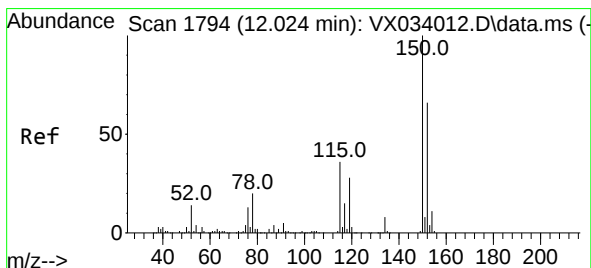
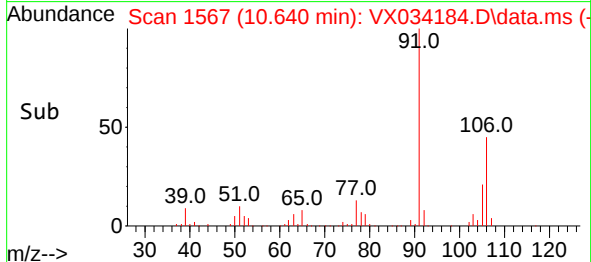
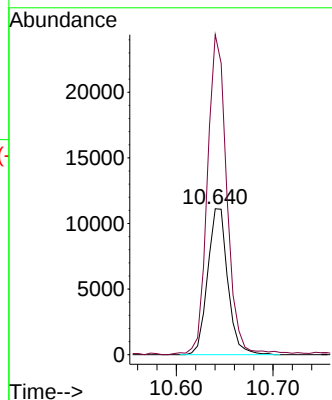
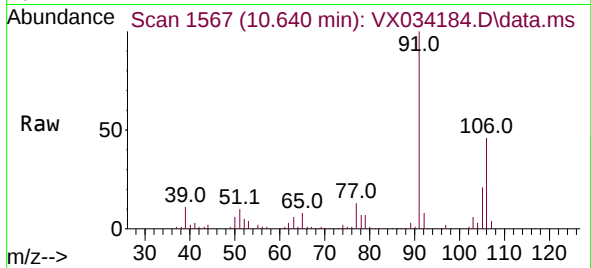




#69
o-Xylene
Concen: 2.174 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034184.D
Acq: 20 Feb 2023 13:50

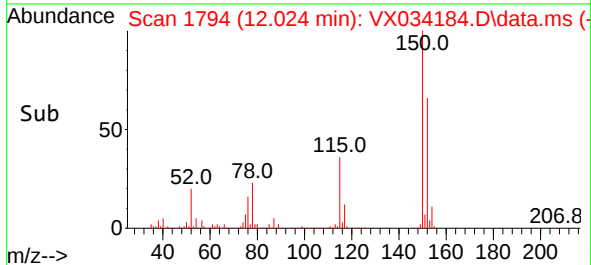
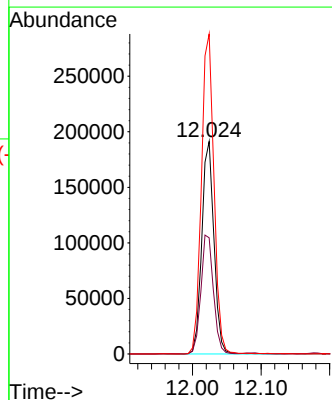
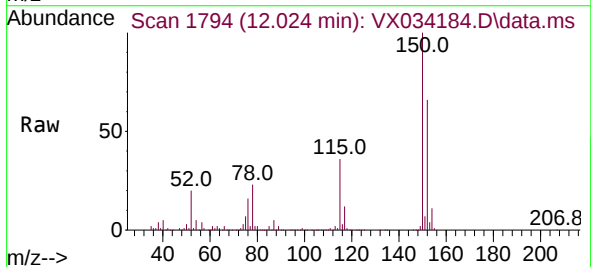
Instrument :
MSVOA_X
ClientSampleId :
NYE-WATER-0217

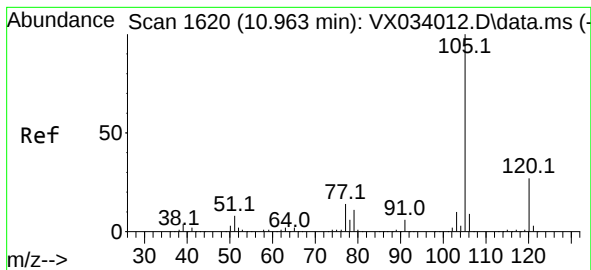
Tgt Ion:106 Resp: 16109
Ion Ratio Lower Upper
106 100
91 213.3 103.1 309.3



#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





#73

Isopropylbenzene

Concen: 0.241 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034184.D

Acq: 20 Feb 2023 13:50

Instrument :

MSVOA_X

ClientSampleId :

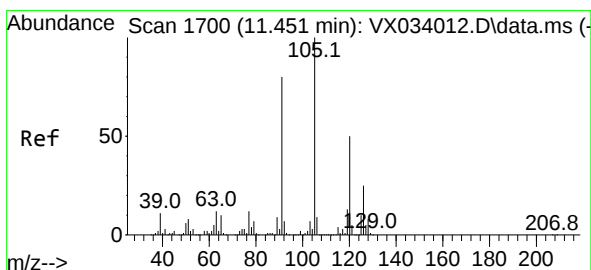
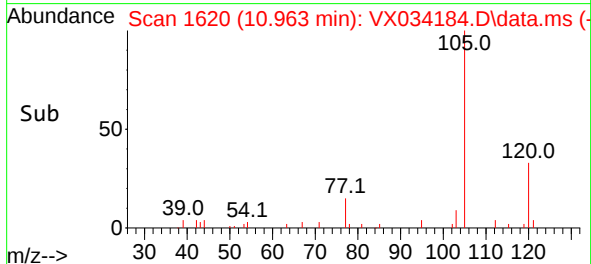
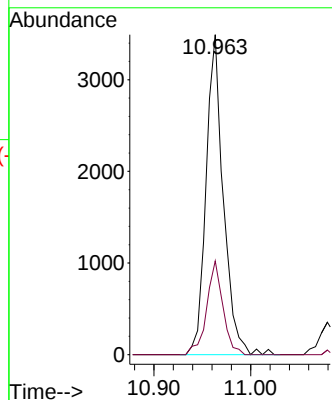
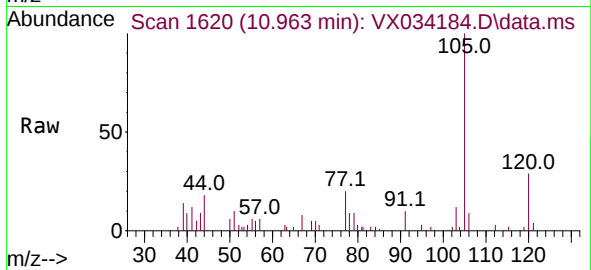
NYE-WATER-0217

Tgt Ion:105 Resp: 4350

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.8



#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

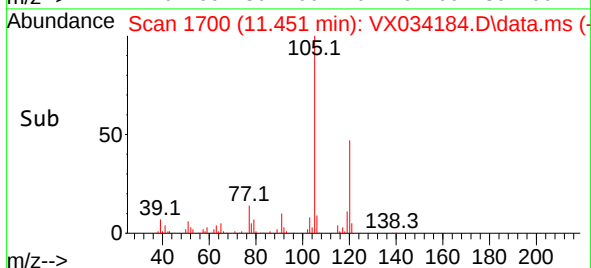
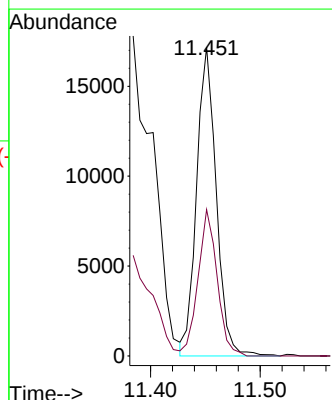
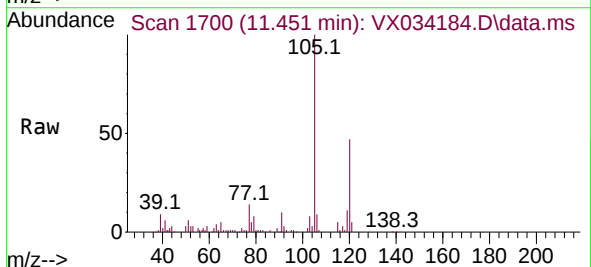
Acq: 20 Feb 2023 13:50

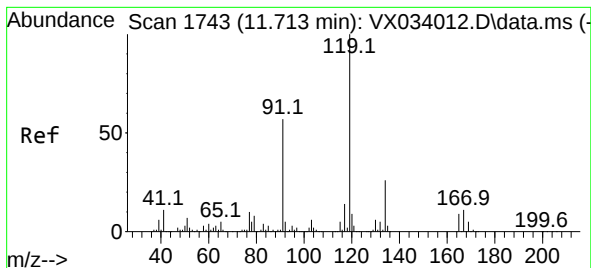
Tgt Ion:105 Resp: 21389

Ion Ratio Lower Upper

105 100

120 46.2 25.6 76.8





#83

tert-Butylbenzene

Concen: 0.288 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034184.D

Acq: 20 Feb 2023 13:50

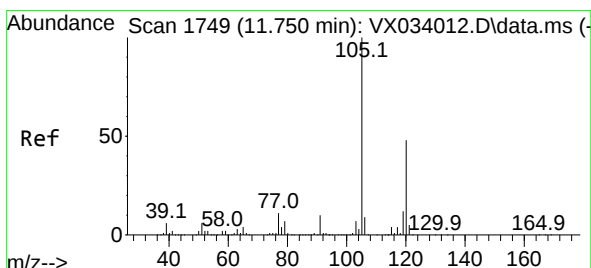
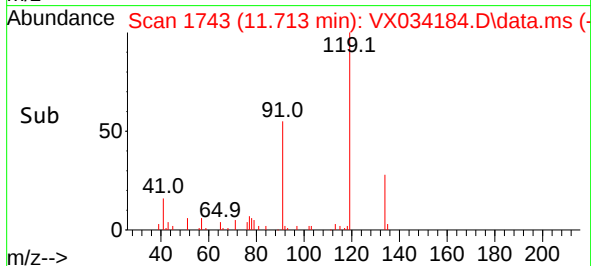
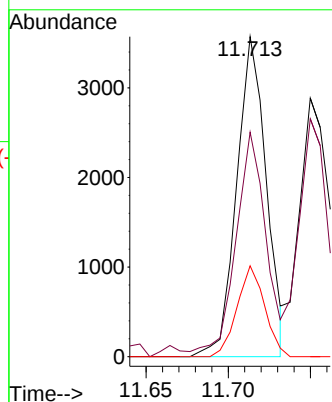
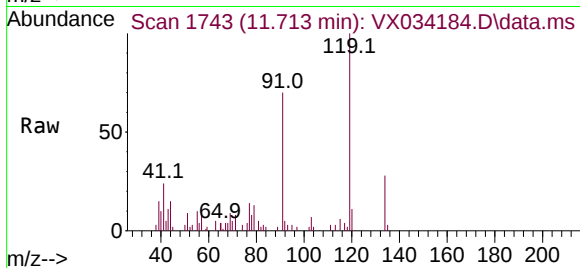
Instrument :

MSVOA_X

ClientSampleId :

NYE-WATER-0217

Tgt Ion:	119	Resp:	4480
Ion	Ratio	Lower	Upper
119	100		
91	67.3	26.9	80.7
134	26.4	12.3	36.8



#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

