

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034699.D
 Acq On : 23 Mar 2023 15:29
 Operator : JC/MD
 Sample : 02045-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC1-1-20230322

Quant Time: Mar 24 05:45:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

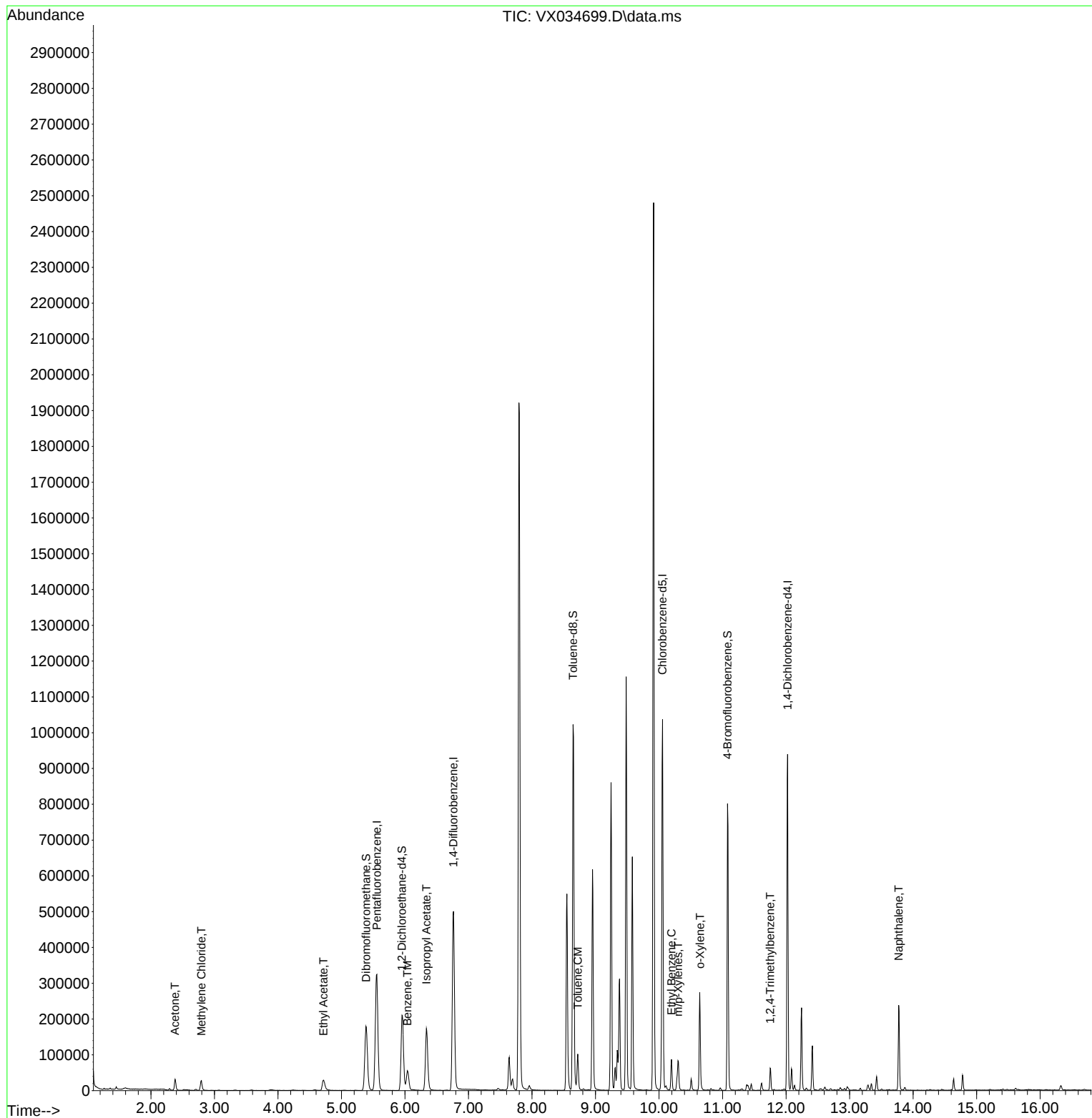
Internal Standards						
1) Pentafluorobenzene	5.556	168	298034	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	502173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	439457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	213706	49.289	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.580%		
35) Dibromofluoromethane	5.385	113	158991	47.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.900%		
50) Toluene-d8	8.647	98	597522	48.276	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.079	95	218529	43.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.420%		
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	33251	16.281	ug/l	98
20) Methylene Chloride	2.794	84	12555	3.167	ug/l	91
37) Ethyl Acetate	4.714	43	55038	9.893	ug/l	99
40) Benzene	6.037	78	65566	4.401	ug/l	99
43) Isopropyl Acetate	6.336	43	243588	25.845	ug/l	99
52) Toluene	8.720	92	35576	3.857	ug/l	97
67) Ethyl Benzene	10.195	91	48674	2.820	ug/l	99
68) m/p-Xylenes	10.299	106	18617	2.808	ug/l	97
69) o-Xylene	10.646	106	14939	2.245	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	27803	2.207	ug/l	98
95) Naphthalene	13.774	128	146286	10.447	ug/l	100

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

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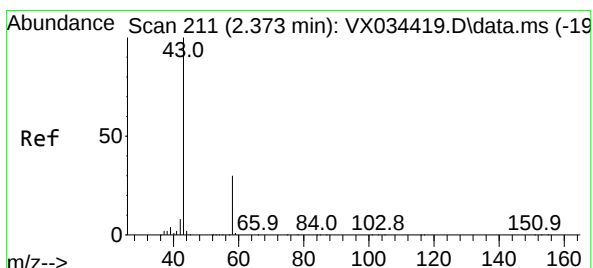
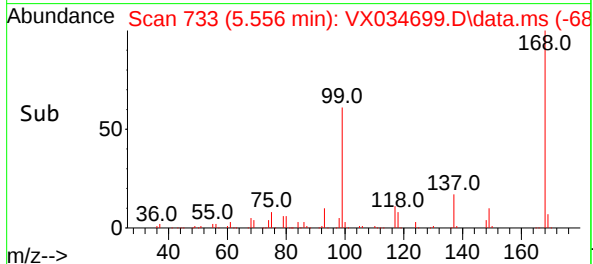
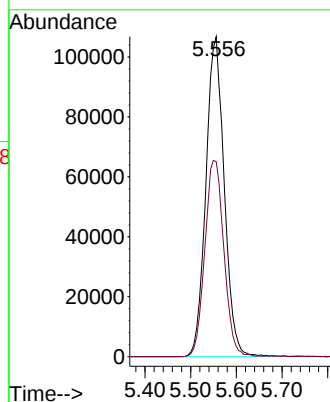
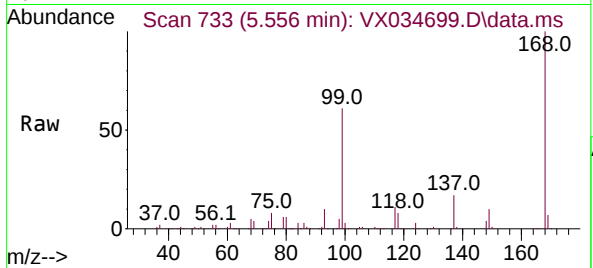




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

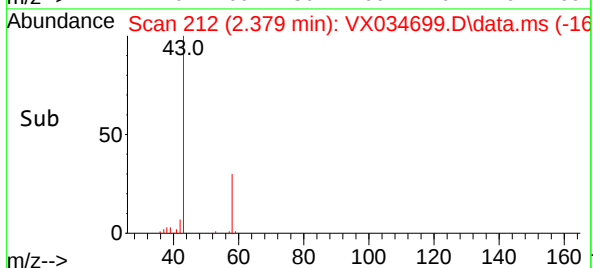
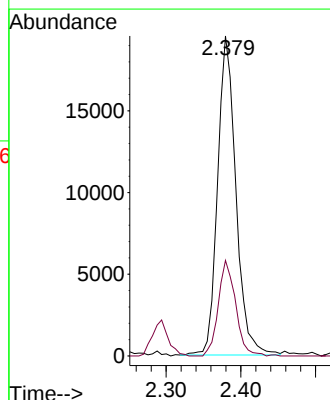
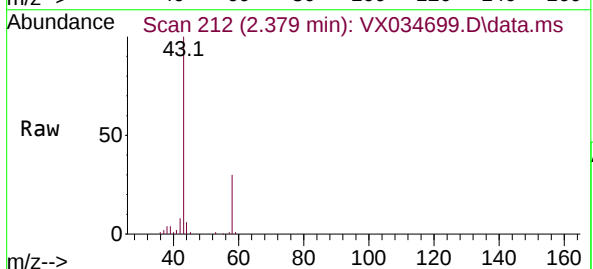
Instrument :
MSVOA_X
ClientSampleId :
WC1-1-20230322

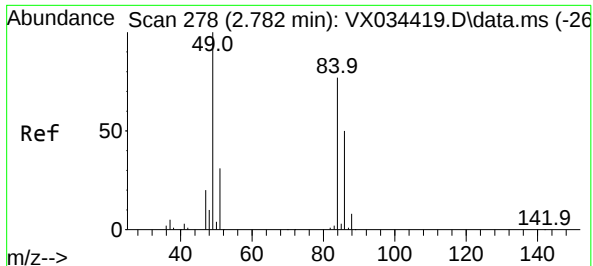
Tgt Ion:168 Resp: 298034
Ion Ratio Lower Upper
168 100
99 61.0 45.7 68.5



#16
Acetone
Concen: 16.281 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

Tgt Ion: 43 Resp: 33251
Ion Ratio Lower Upper
43 100
58 29.9 24.7 37.1

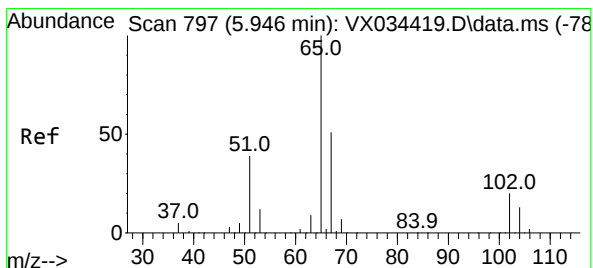
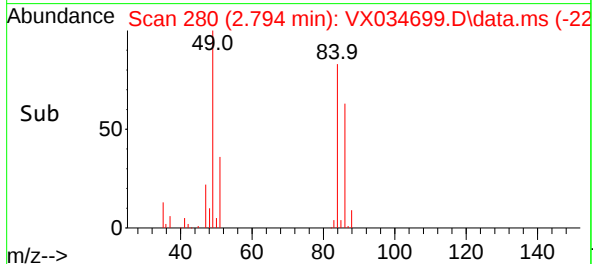
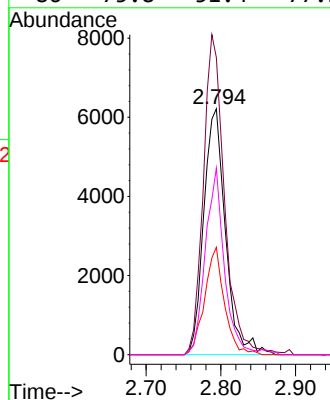
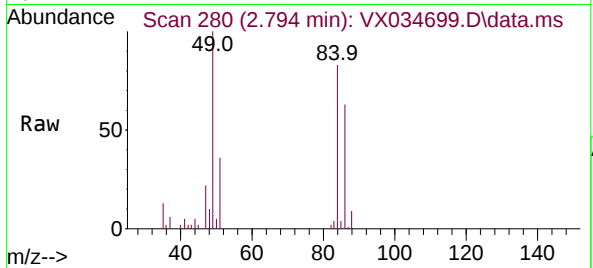




#20
Methylene Chloride
Concen: 3.167 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

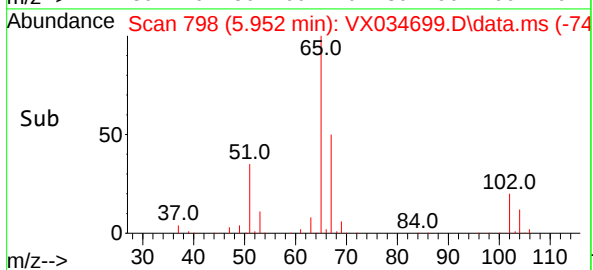
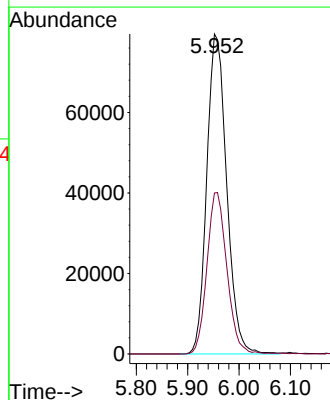
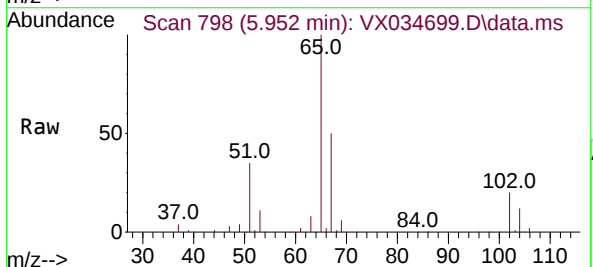
Instrument :
MSVOA_X
ClientSampleId :
WC1-1-20230322

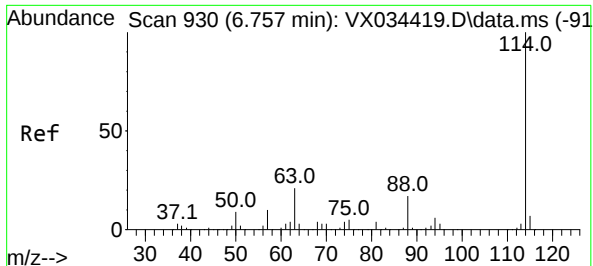
Tgt Ion: 84	Resp: 12555		
Ion	Ratio	Lower	Upper
84	100		
49	120.8	103.8	155.8
51	43.6	31.8	47.8
86	75.8	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 49.289 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

Tgt Ion: 65	Resp: 213706
Ion Ratio	Lower Upper
65 100	
67 50.5	0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034699.D

Acq: 23 Mar 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

WC1-1-20230322

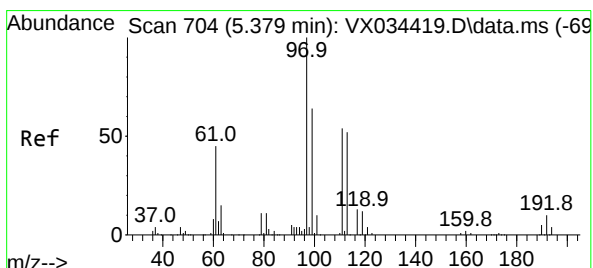
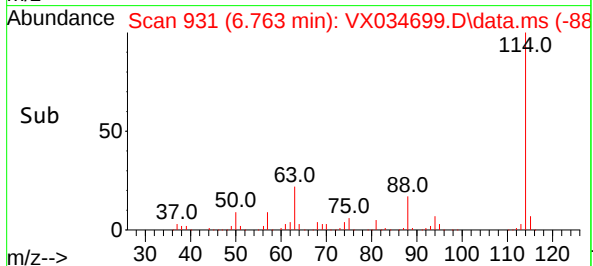
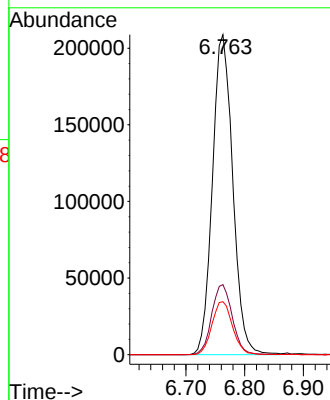
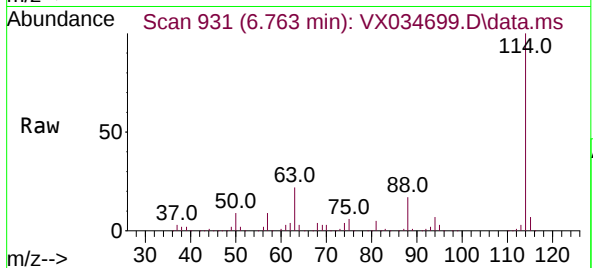
Tgt Ion:114 Resp: 502173

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.953 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034699.D

Acq: 23 Mar 2023 15:29

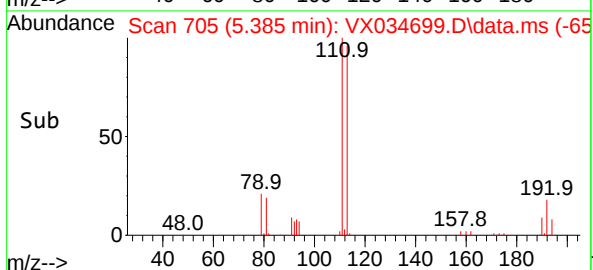
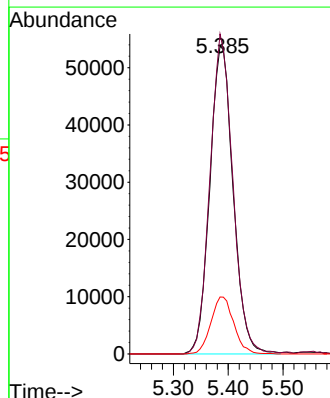
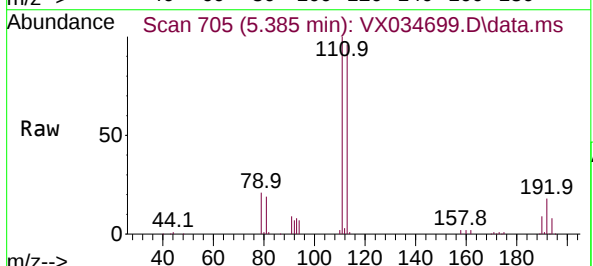
Tgt Ion:113 Resp: 158991

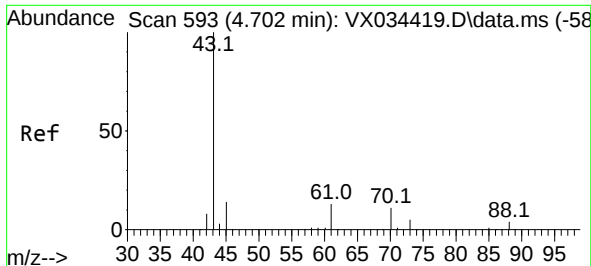
Ion Ratio Lower Upper

113 100

111 101.8 83.7 125.5

192 18.1 15.4 23.2





#37

Ethyl Acetate

Concen: 9.893 ug/l

RT: 4.714 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034699.D

Acq: 23 Mar 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

WC1-1-20230322

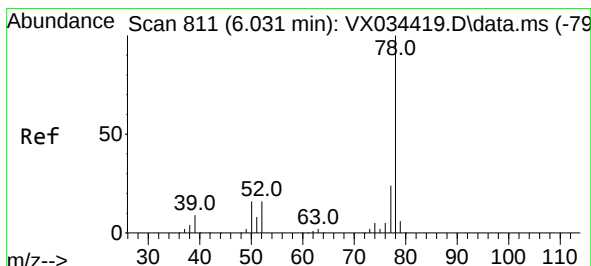
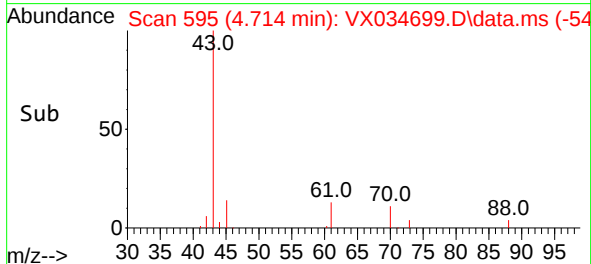
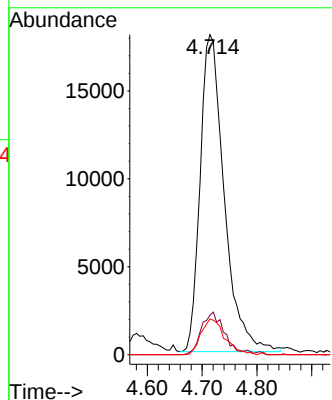
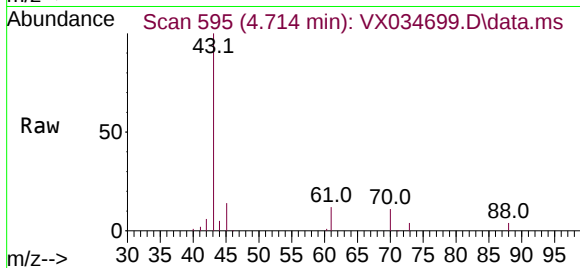
Tgt Ion: 43 Resp: 55038

Ion Ratio Lower Upper

43 100

61 13.2 10.2 15.4

70 11.0 8.2 12.4



#40

Benzene

Concen: 4.401 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034699.D

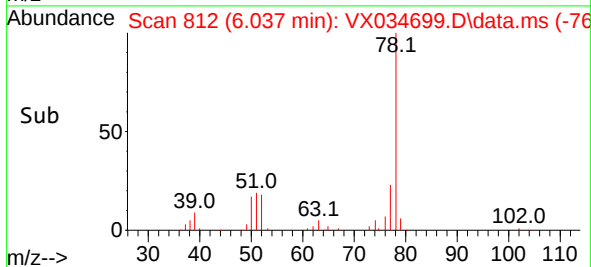
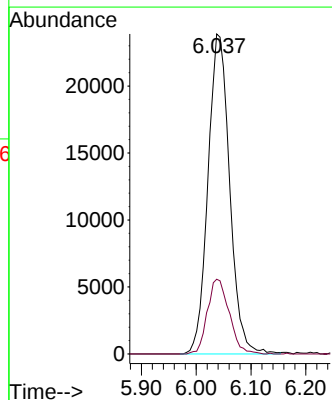
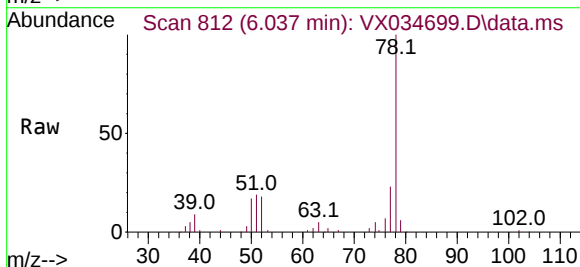
Acq: 23 Mar 2023 15:29

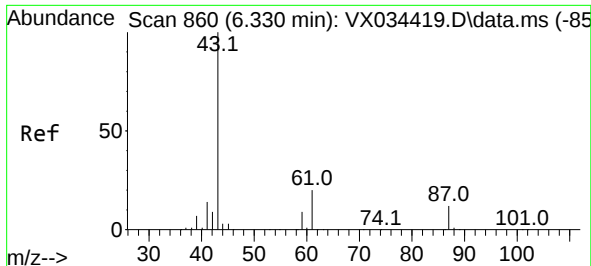
Tgt Ion: 78 Resp: 65566

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4

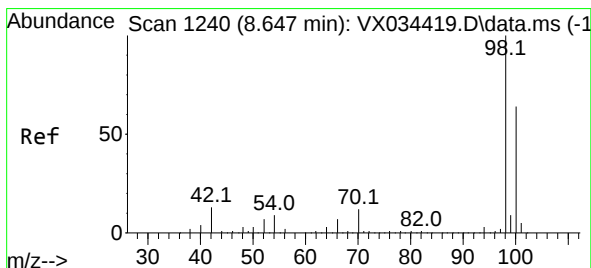
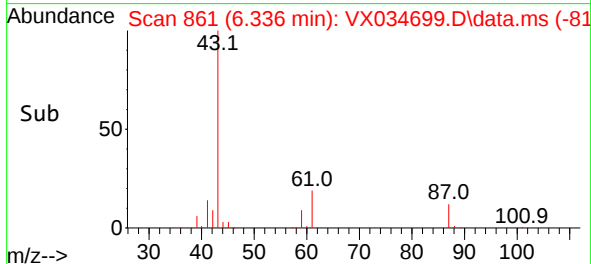
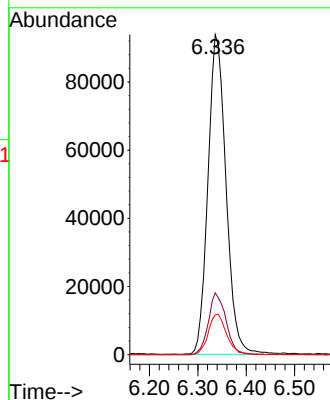
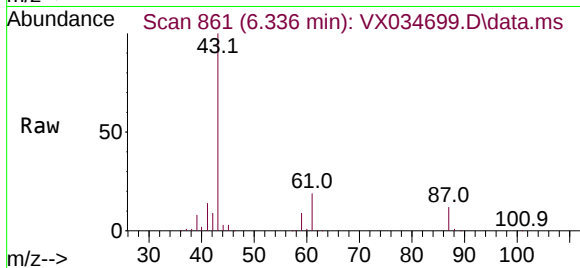




#43
Isopropyl Acetate
Concen: 25.845 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

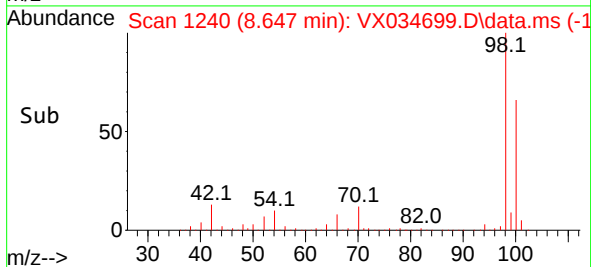
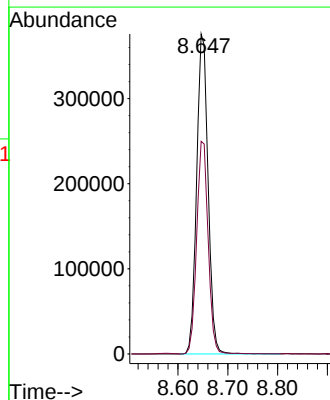
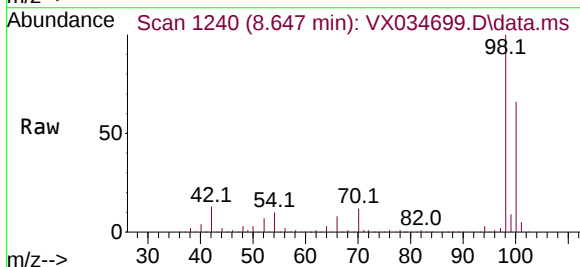
Instrument :
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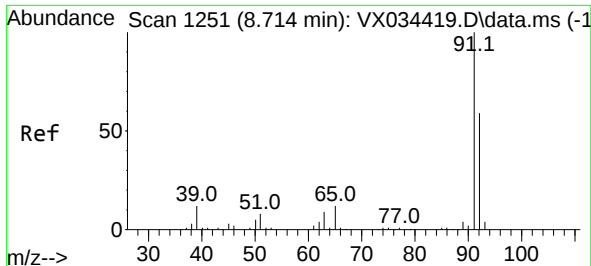
Tgt Ion: 43 Resp: 243588
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.8 9.8 14.8



#50
Toluene-d8
Concen: 48.276 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

Tgt Ion: 98 Resp: 597522
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7

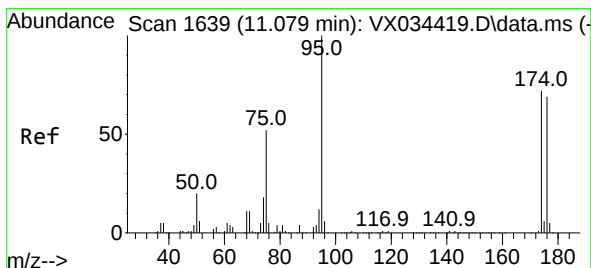
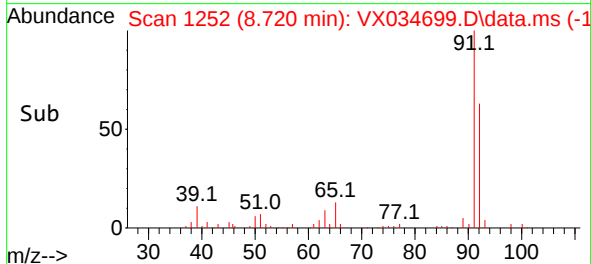
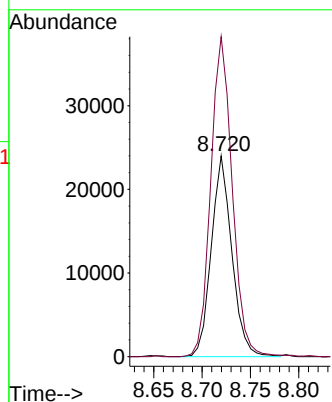
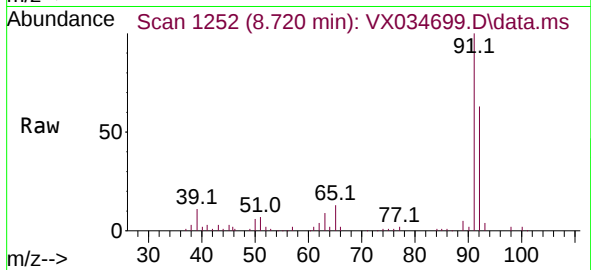




#52
Toluene
Concen: 3.857 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

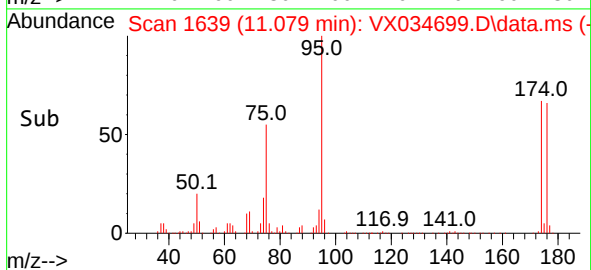
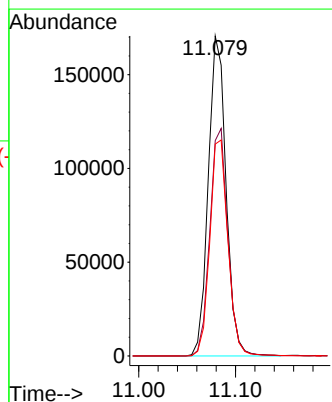
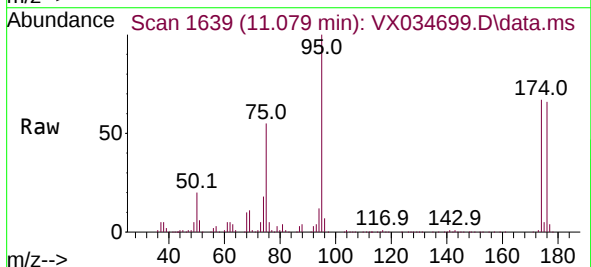
Instrument :
MSVOA_X
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WC1-1-20230322

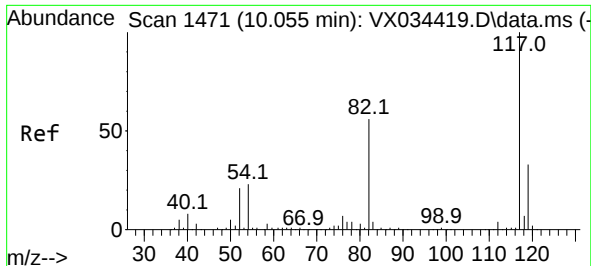
Tgt Ion: 92 Resp: 35576
Ion Ratio Lower Upper
92 100
91 166.8 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 43.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

Tgt Ion: 95 Resp: 218529
Ion Ratio Lower Upper
95 100
174 72.0 0.0 147.4
176 68.9 0.0 140.6

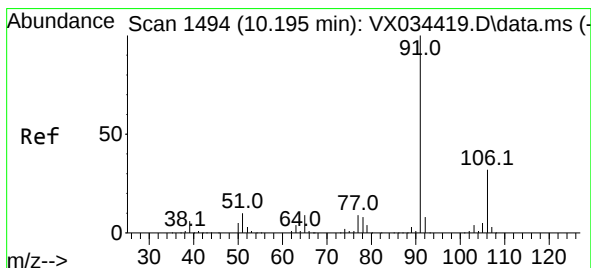
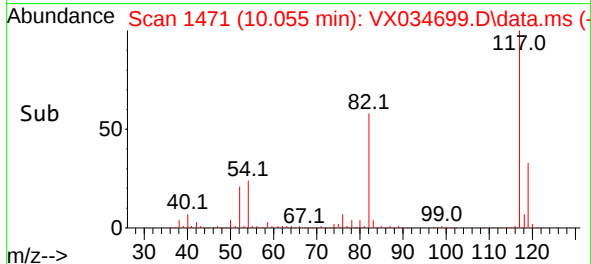
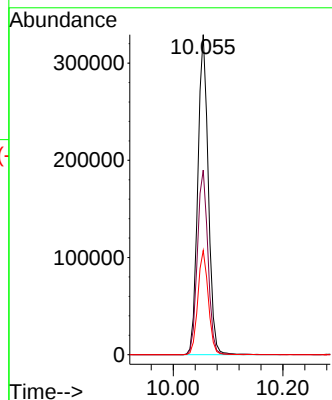
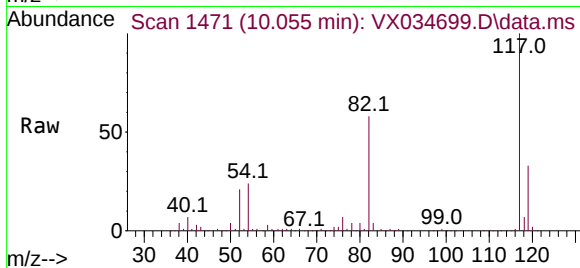




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

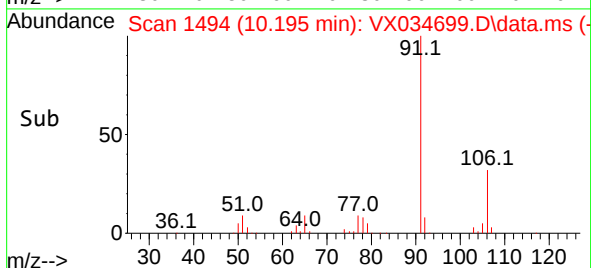
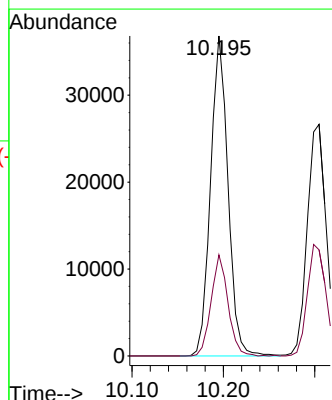
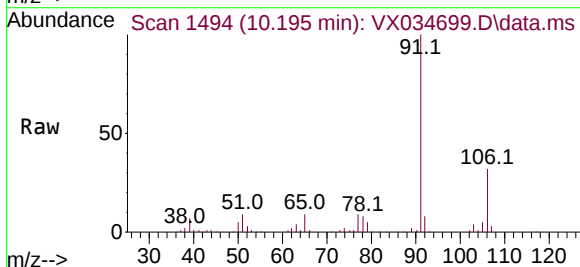
Instrument :
MSVOA_X
ClientSampleId :
WC1-1-20230322

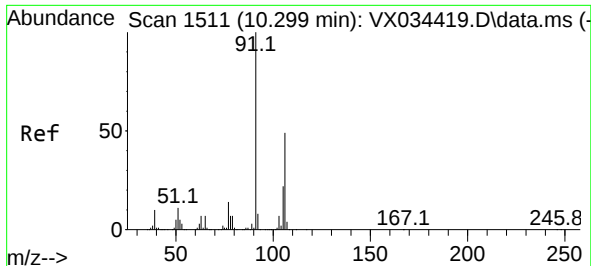
Tgt Ion:117 Resp: 439457
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 32.6 26.0 39.0



#67
Ethyl Benzene
Concen: 2.820 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

Tgt Ion: 91 Resp: 48674
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

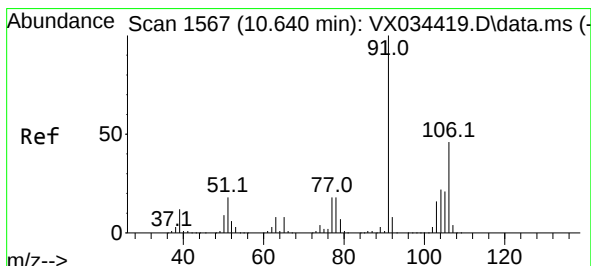
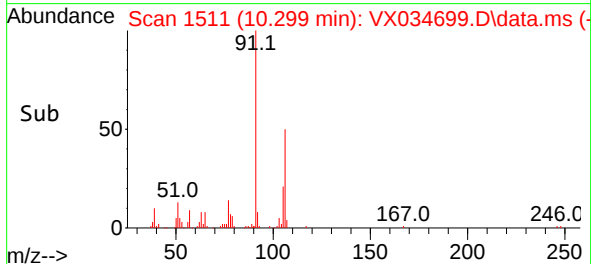
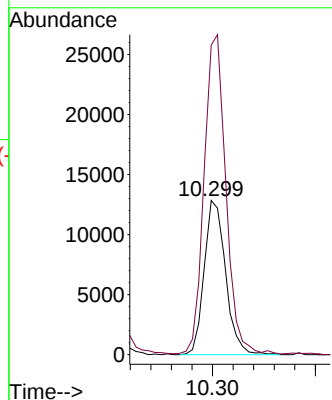
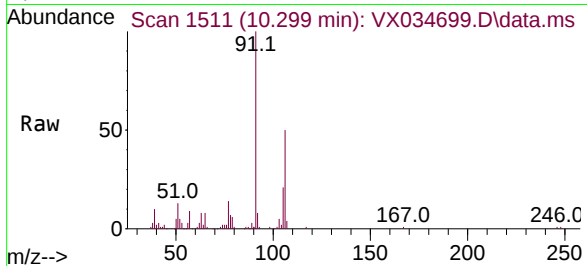




#68
m/p-Xylenes
Concen: 2.808 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

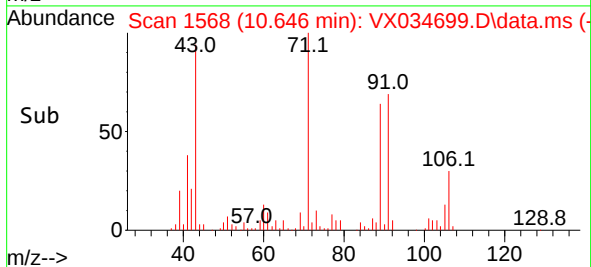
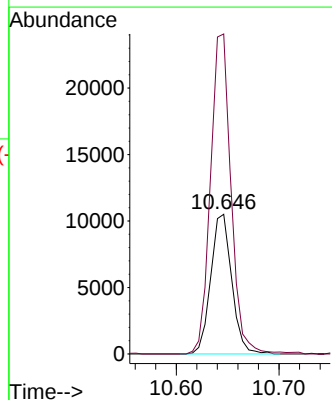
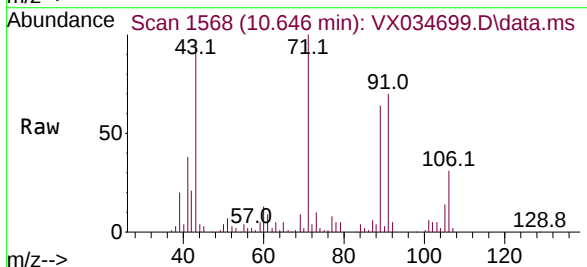
Instrument :
MSVOA_X
ClientSampleId :
WC1-1-20230322

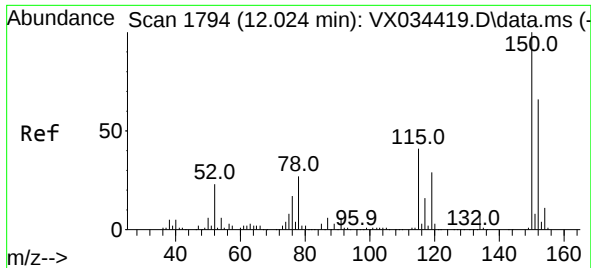
Tgt Ion:106 Resp: 18617
Ion Ratio Lower Upper
106 100
91 210.0 164.0 246.0



#69
o-Xylene
Concen: 2.245 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX034699.D
Acq: 23 Mar 2023 15:29

Tgt Ion:106 Resp: 14939
Ion Ratio Lower Upper
106 100
91 224.4 108.5 325.3

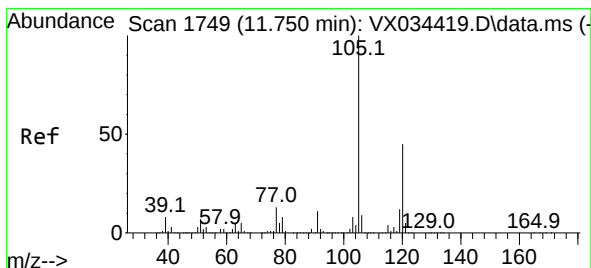
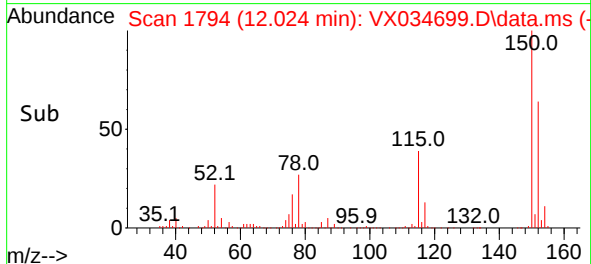
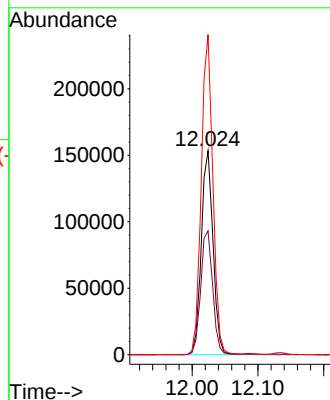
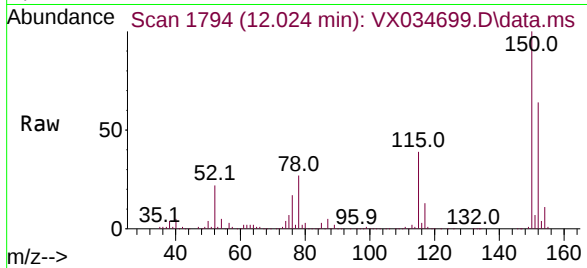




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX034699.D
 Acq: 23 Mar 2023 15:29

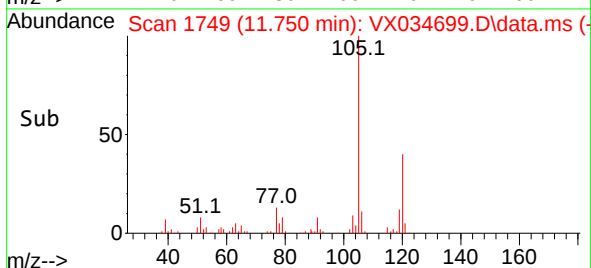
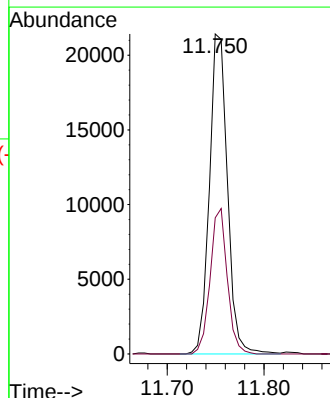
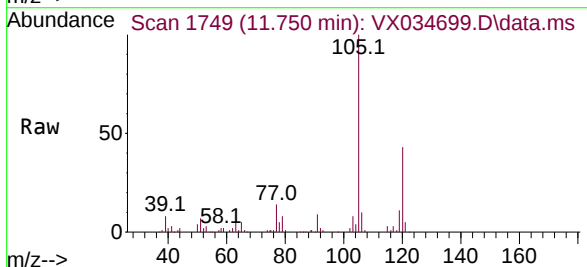
Instrument :
 MSVOA_X
 ClientSampleId :
 WC1-1-20230322

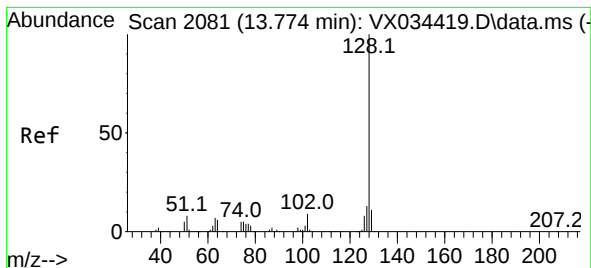
Tgt Ion:152 Resp: 190174
 Ion Ratio Lower Upper
 152 100
 115 62.0 45.0 135.0
 150 154.9 0.0 352.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.207 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX034699.D
 Acq: 23 Mar 2023 15:29

Tgt Ion:105 Resp: 27803
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.4 67.0





#95

Naphthalene

Concen: 10.447 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034699.D

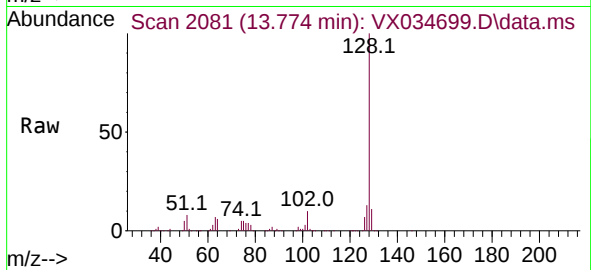
Acq: 23 Mar 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

WC1-1-20230322



Tgt Ion:128 Resp: 146286

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.1 8.6 13.0

