

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030250.D
 Acq On : 27 Jul 2022 23:16
 Operator : JC/MD
 Sample : N3884-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BEM-MW-14

Quant Time: Jul 28 05:55:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

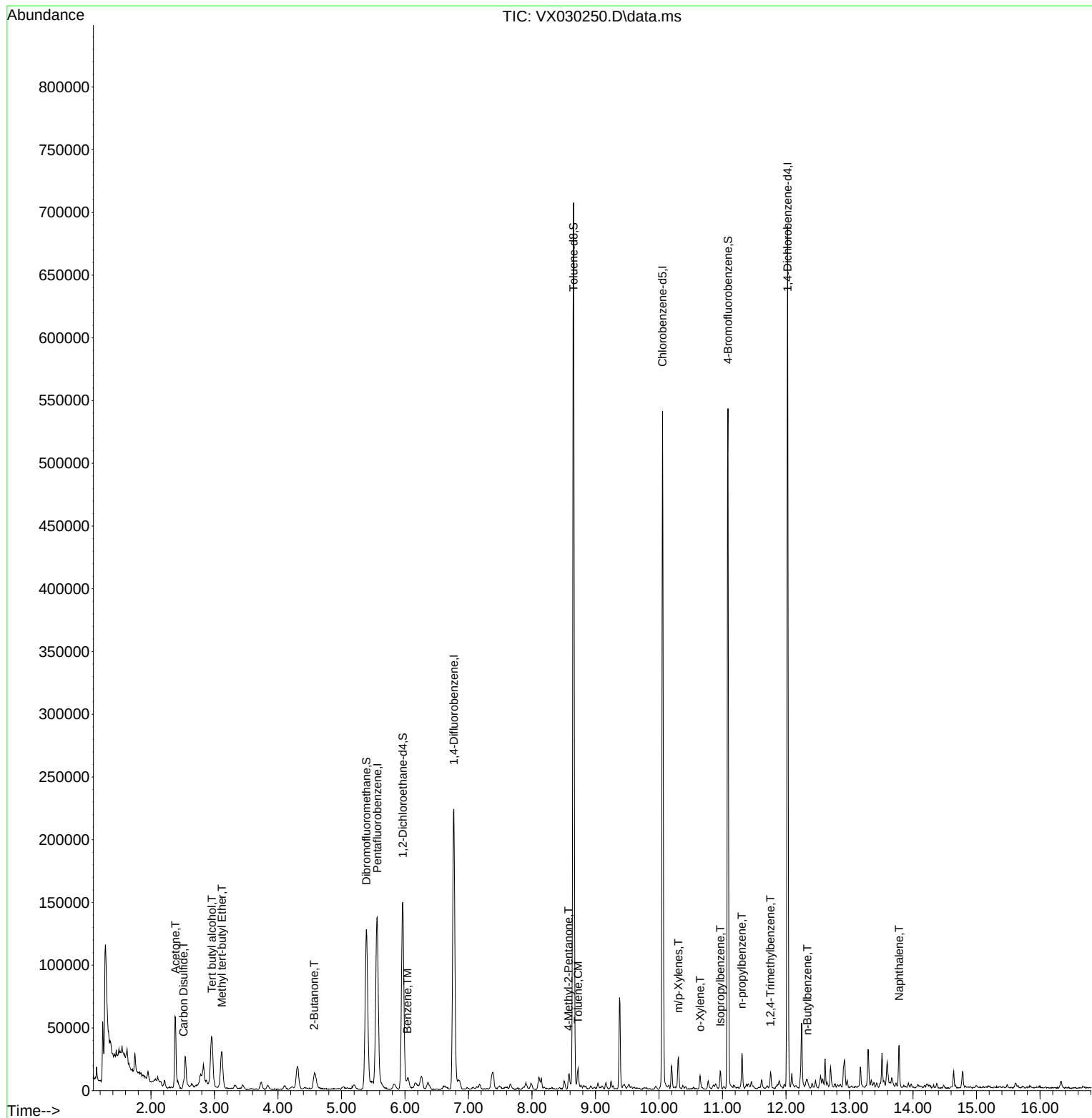
Internal Standards						
1) Pentafluorobenzene	5.562	168	127460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142569	55.650	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.300%	
35) Dibromofluoromethane	5.391	113	112705	51.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.920%	
50) Toluene-d8	8.653	98	413079	49.180	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	11.086	95	150668	48.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	41283	66.062	ug/l #	94
16) Acetone	2.386	43	61415	46.824	ug/l	92
17) Carbon Disulfide	2.514	76	7027	1.307	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	21719	3.184	ug/l #	67
25) 2-Butanone	4.568	43	11008	4.994	ug/l #	90
40) Benzene	6.038	78	10474	1.067	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	7858	1.786	ug/l	93
52) Toluene	8.726	92	5365	0.895	ug/l	99
68) m/p-Xylenes	10.305	106	5448	1.281	ug/l	86
69) o-Xylene	10.647	106	1917	0.457	ug/l	91
73) Isopropylbenzene	10.964	105	7008	0.679	ug/l	99
78) n-propylbenzene	11.305	91	16344	1.327	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	4431	0.514	ug/l	100
89) n-Butylbenzene	12.335	91	2257	0.277	ug/l #	74
95) Naphthalene	13.780	128	20084	1.918	ug/l	99

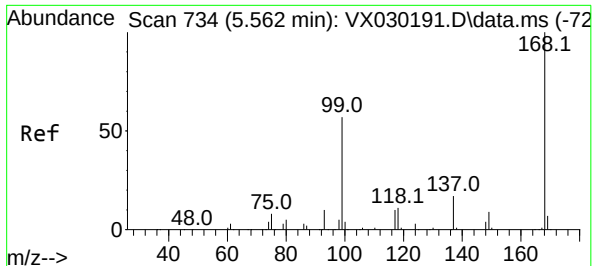
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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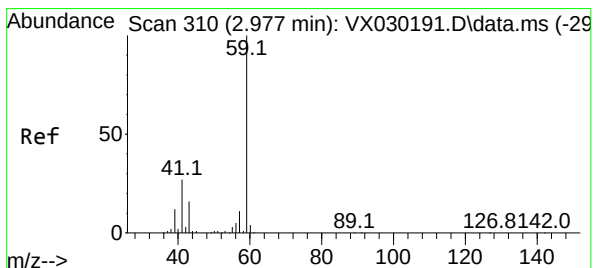
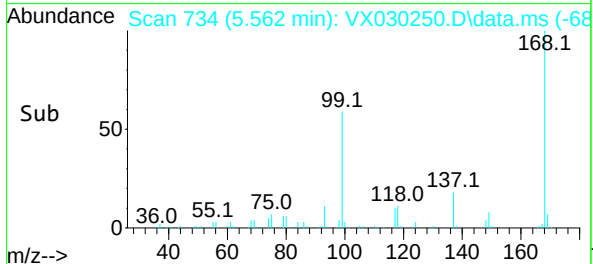
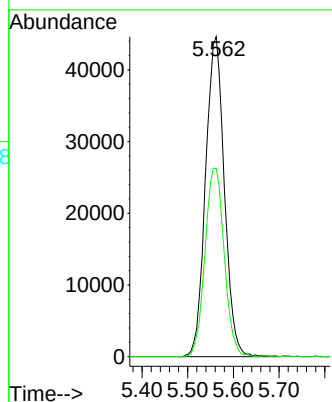
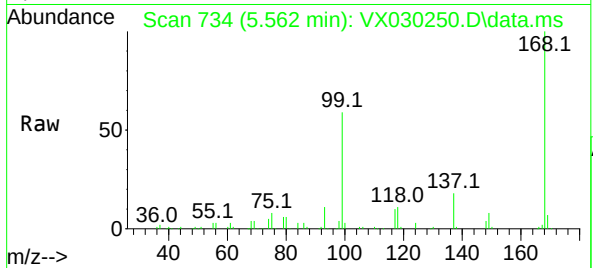




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

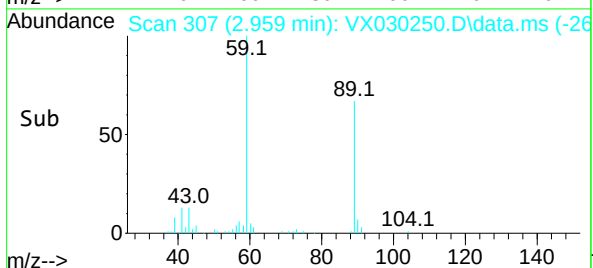
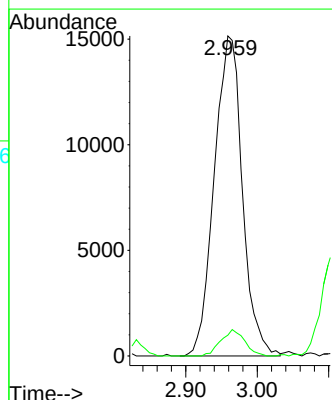
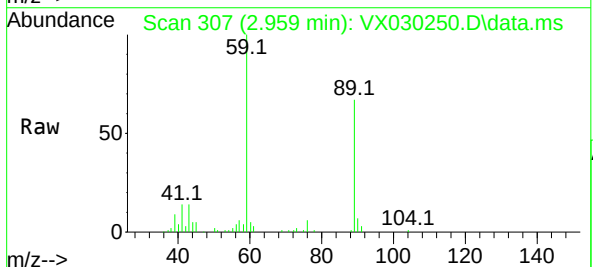
Instrument :
MSVOA_X
ClientSampleId :
BEM-MW-14

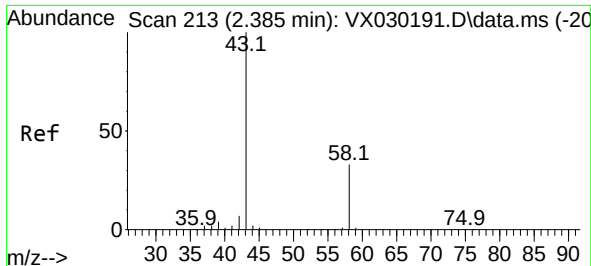
Tgt Ion:168 Resp: 127460
Ion Ratio Lower Upper
168 100
99 58.8 44.0 66.0



#11
Tert butyl alcohol
Concen: 66.062 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

Tgt Ion: 59 Resp: 41283
Ion Ratio Lower Upper
59 100
57 7.0 7.4 11.2#

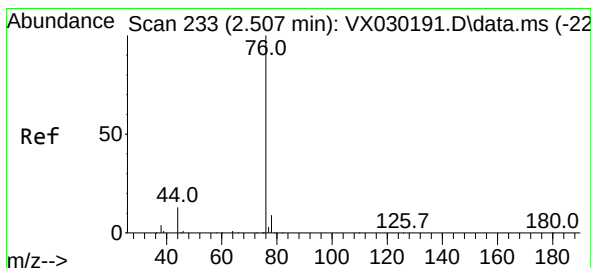
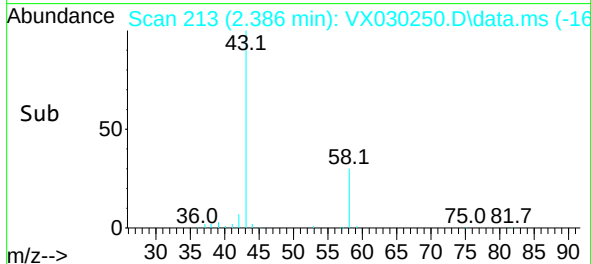
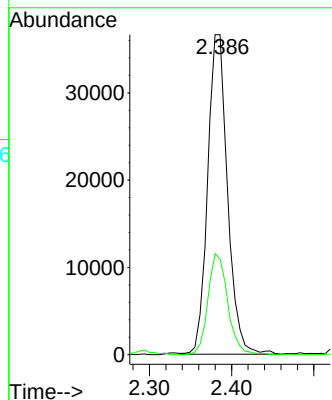
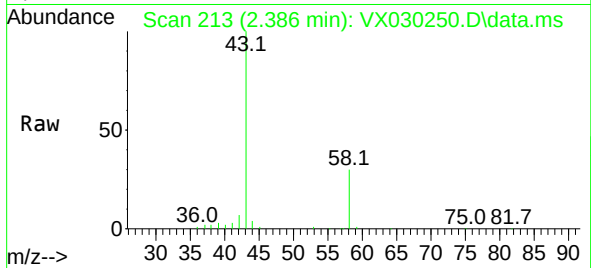




#16
Acetone
Concen: 46.824 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

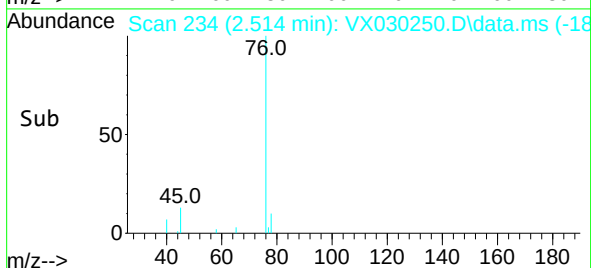
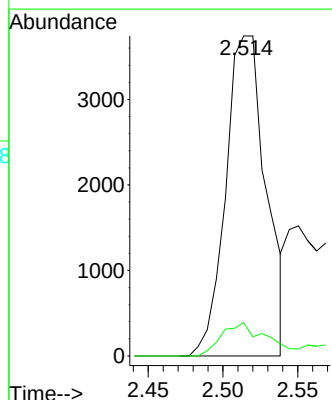
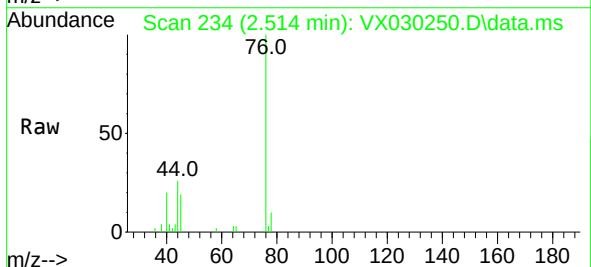
Instrument :
MSVOA_X
ClientSampleId :
BEM-MW-14

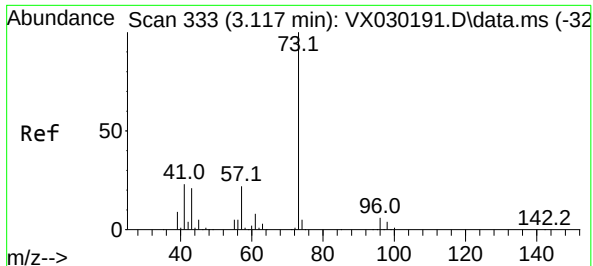
Tgt Ion: 43 Resp: 61415
Ion Ratio Lower Upper
43 100
58 30.0 27.7 41.5



#17
Carbon Disulfide
Concen: 1.307 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

Tgt Ion: 76 Resp: 7027
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.6





#19

Methyl tert-butyl Ether

Concen: 3.184 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX030250.D

Acq: 27 Jul 2022 23:16

Instrument :

MSVOA_X

ClientSampleId :

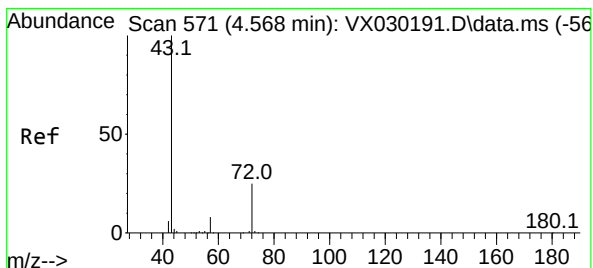
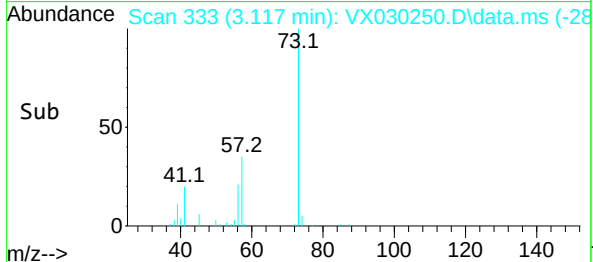
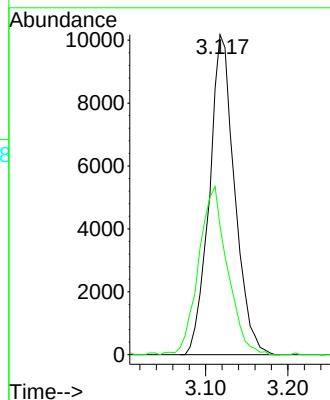
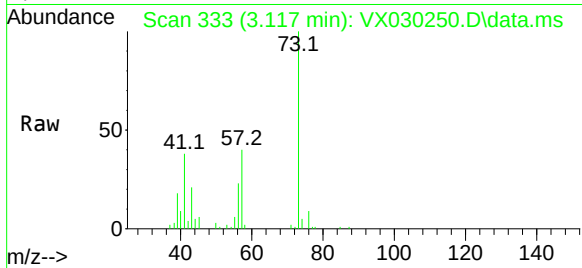
BEM-MW-14

Tgt Ion: 73 Resp: 21719

Ion Ratio Lower Upper

73 100

57 40.1 19.0 28.6#



#25

2-Butanone

Concen: 4.994 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX030250.D

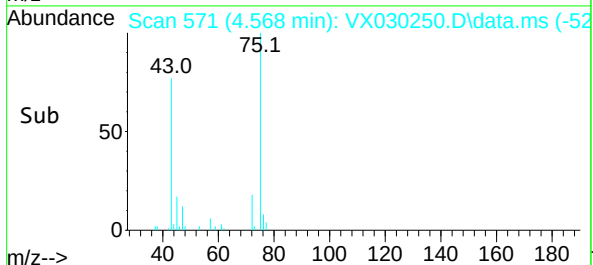
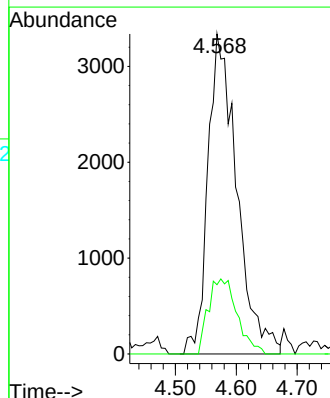
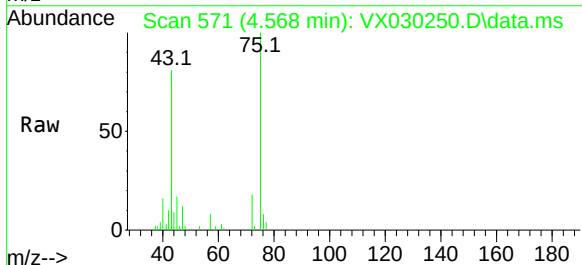
Acq: 27 Jul 2022 23:16

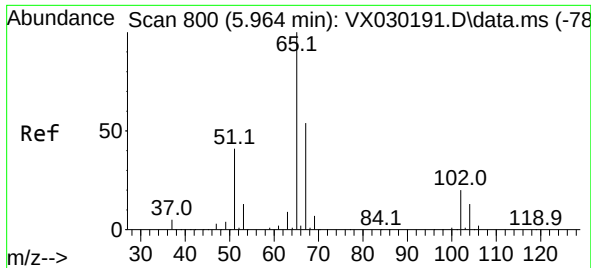
Tgt Ion: 43 Resp: 11008

Ion Ratio Lower Upper

43 100

72 21.7 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 55.650 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030250.D

Acq: 27 Jul 2022 23:16

Instrument :

MSVOA_X

ClientSampleId :

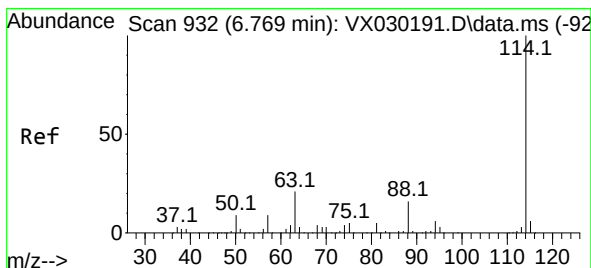
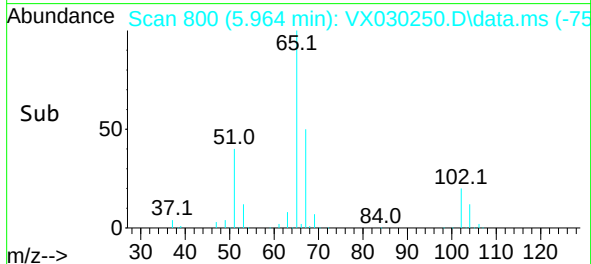
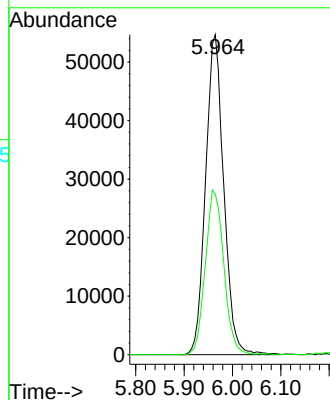
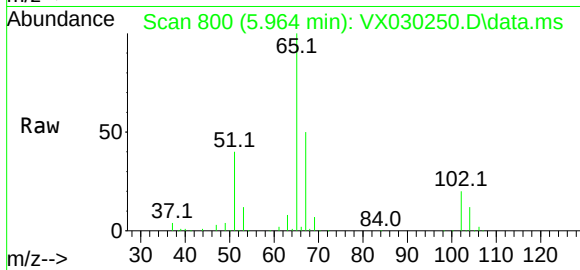
BEM-MW-14

Tgt Ion: 65 Resp: 142569

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030250.D

Acq: 27 Jul 2022 23:16

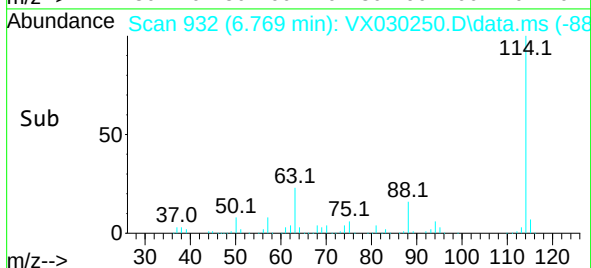
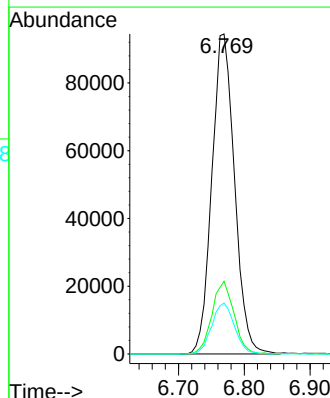
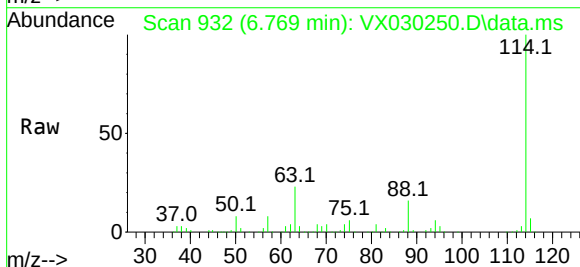
Tgt Ion: 114 Resp: 226884

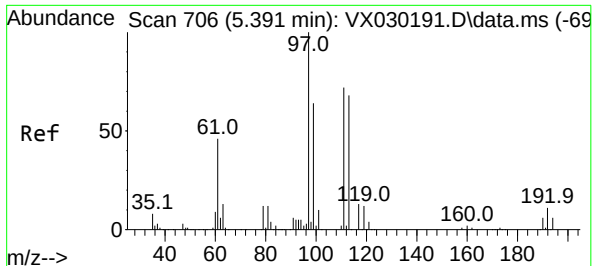
Ion Ratio Lower Upper

114 100

63 22.7 0.0 38.4

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.964 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030250.D

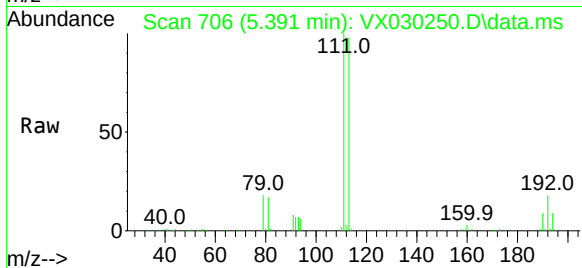
Acq: 27 Jul 2022 23:16

Instrument :

MSVOA_X

ClientSampleId :

BEM-MW-14



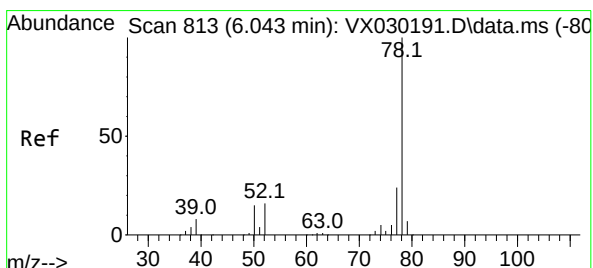
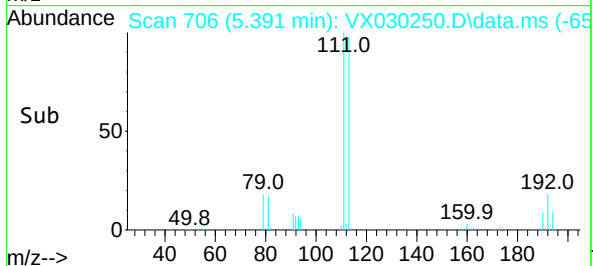
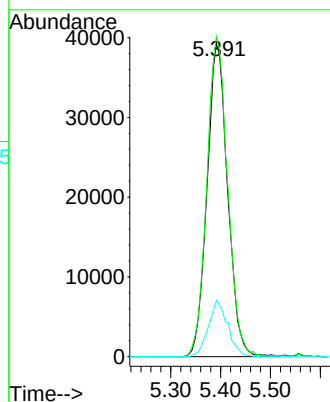
Tgt Ion:113 Resp: 112705

Ion Ratio Lower Upper

113 100

111 103.6 83.2 124.8

192 16.9 14.8 22.2



#40

Benzene

Concen: 1.067 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.005 min

Lab File: VX030250.D

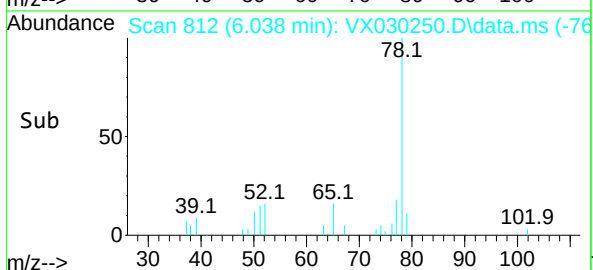
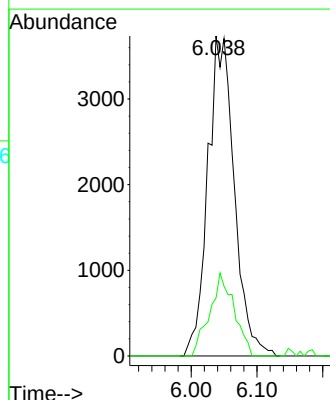
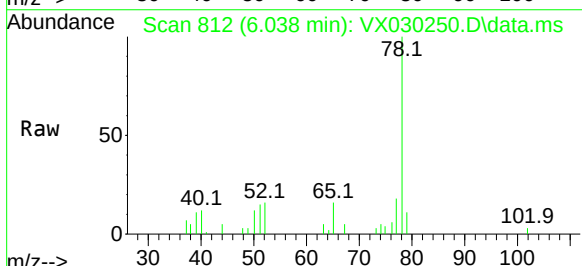
Acq: 27 Jul 2022 23:16

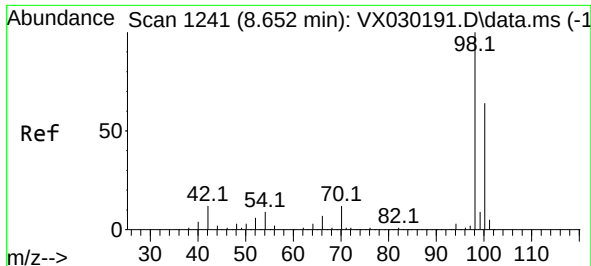
Tgt Ion: 78 Resp: 10474

Ion Ratio Lower Upper

78 100

77 18.2 18.0 27.0

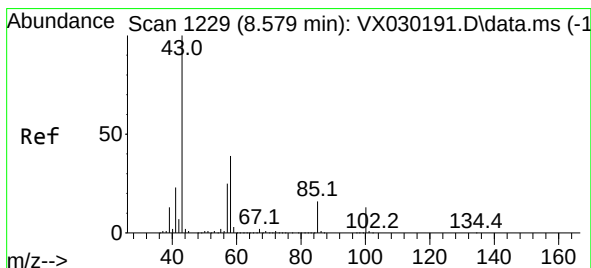
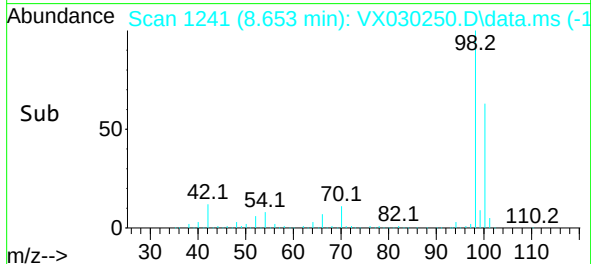
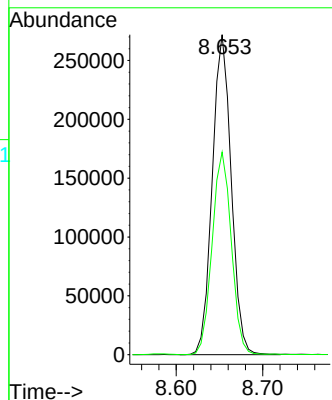
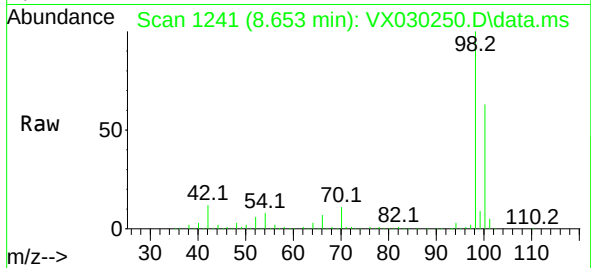




#50
Toluene-d8
Concen: 49.180 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

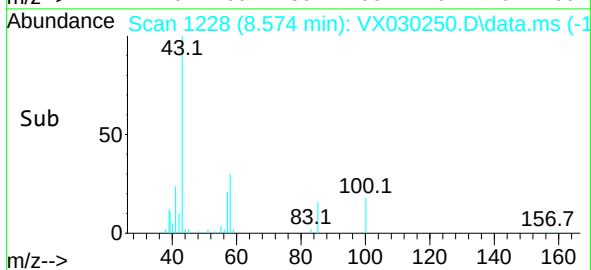
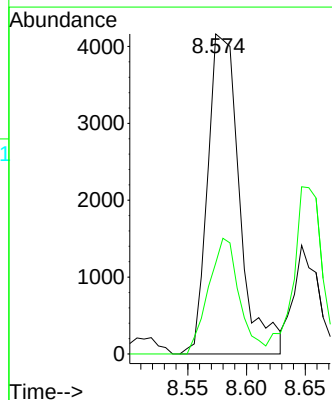
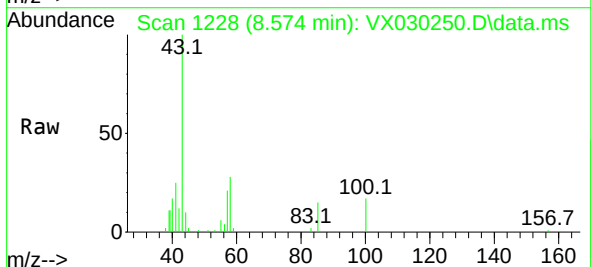
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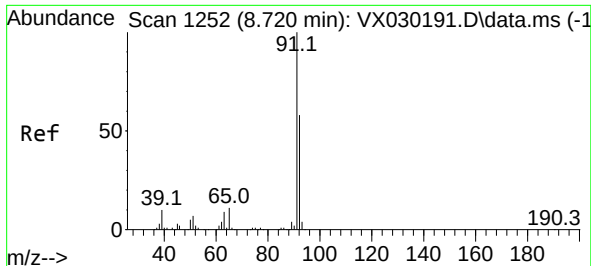
Tgt Ion: 98 Resp: 413079
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.786 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.005 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

Tgt Ion: 43 Resp: 7858
Ion Ratio Lower Upper
43 100
58 35.1 31.4 47.2

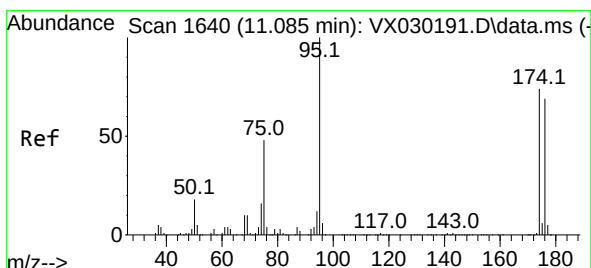
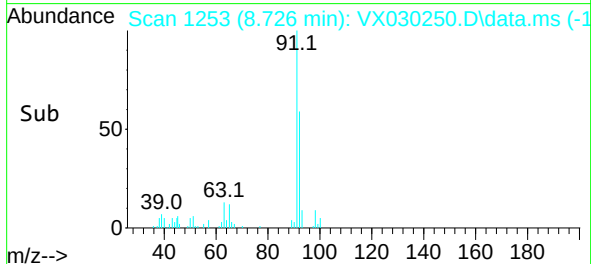
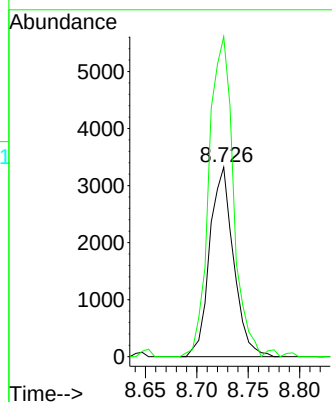
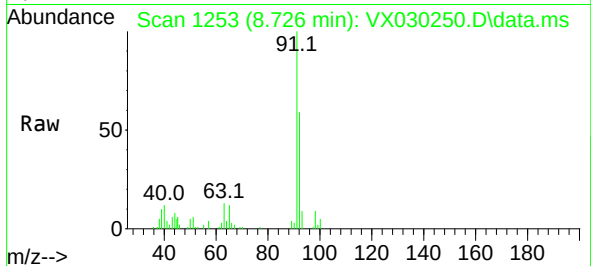




#52
Toluene
Concen: 0.895 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

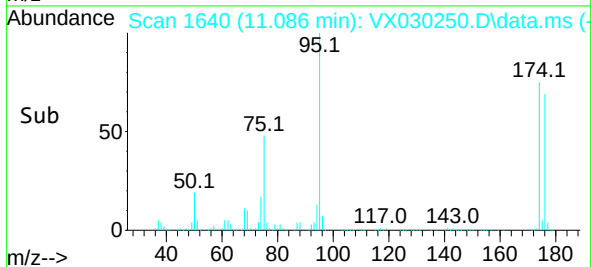
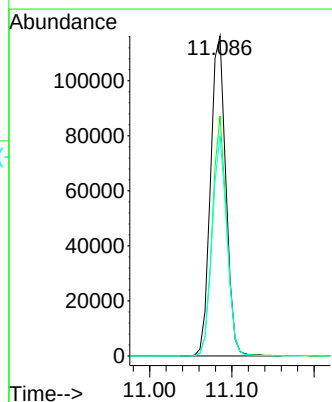
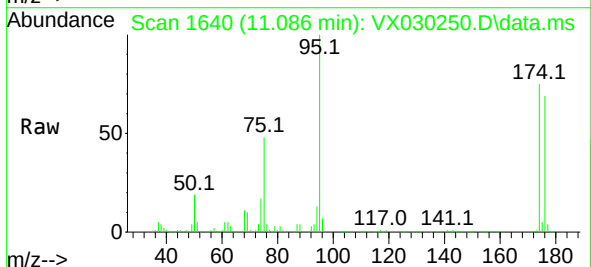
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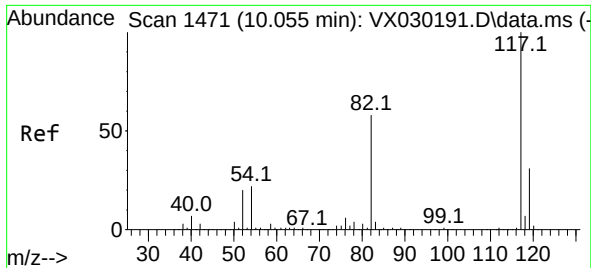
Tgt Ion: 92 Resp: 5365
Ion Ratio Lower Upper
92 100
91 172.3 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 48.334 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

Tgt Ion: 95 Resp: 150668
Ion Ratio Lower Upper
95 100
174 70.8 0.0 149.0
176 66.1 0.0 146.0

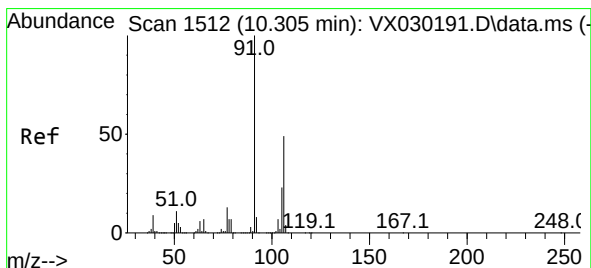
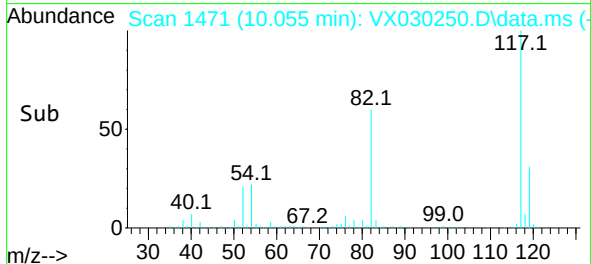
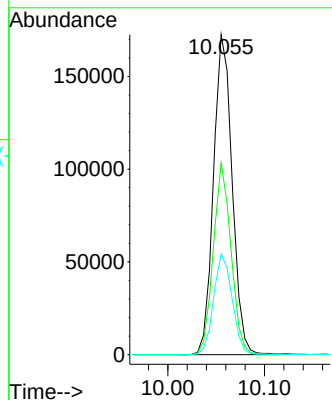
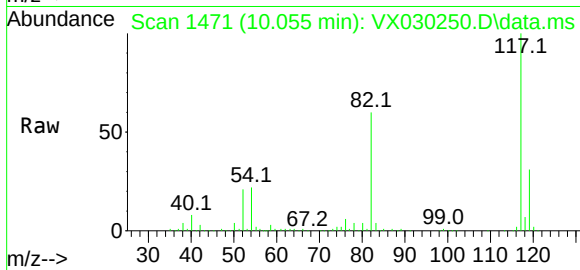




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

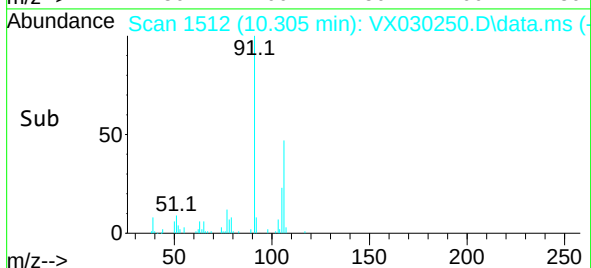
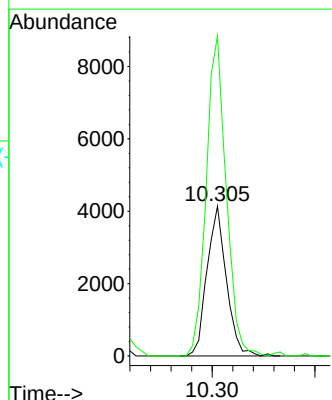
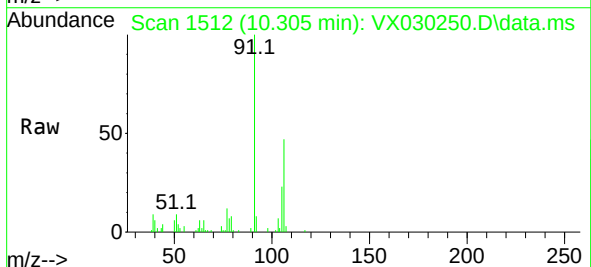
Instrument :
MSVOA_X
ClientSampleId :
BEM-MW-14

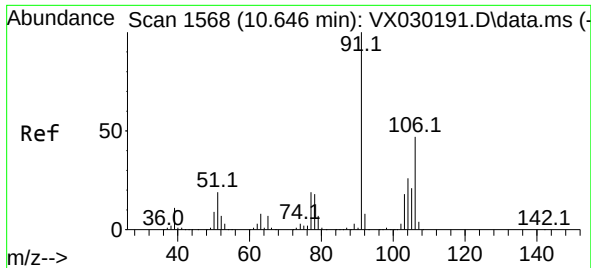
Tgt Ion:117 Resp: 231143
Ion Ratio Lower Upper
117 100
82 59.9 42.7 64.1
119 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 1.281 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

Tgt Ion:106 Resp: 5448
Ion Ratio Lower Upper
106 100
91 219.5 158.2 237.4

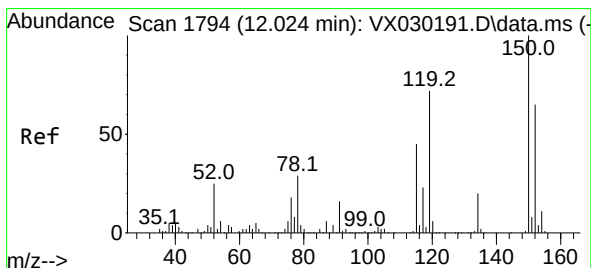
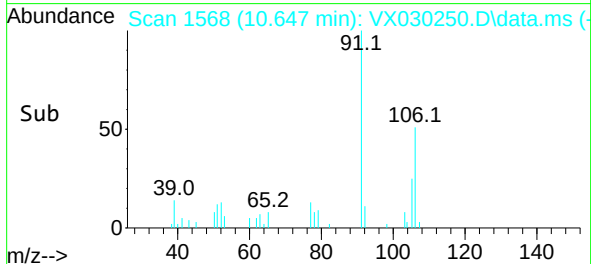
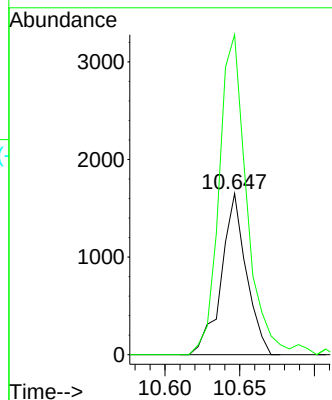
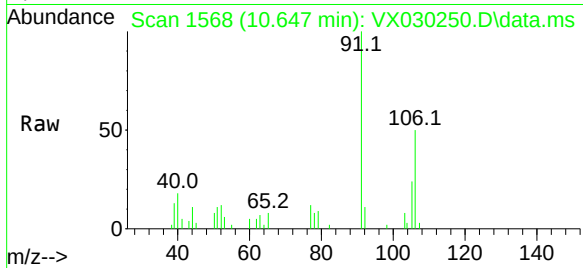




#69
o-Xylene
Concen: 0.457 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

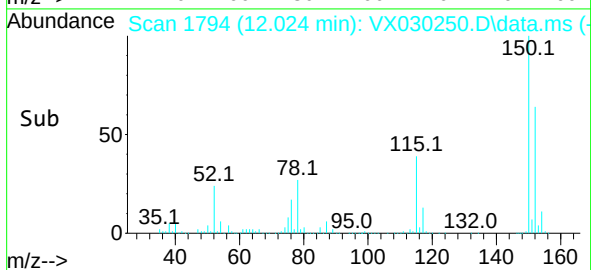
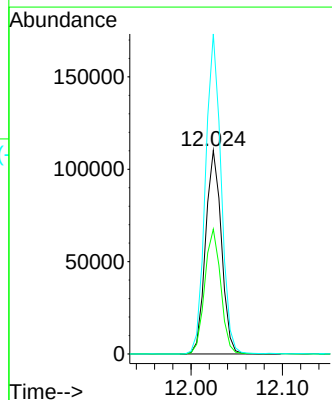
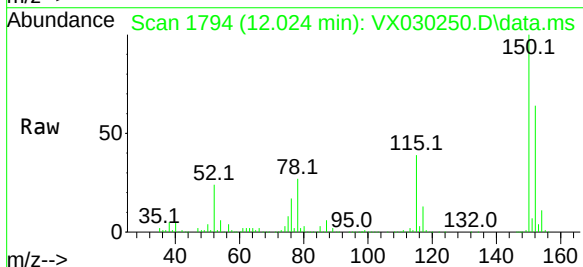
Instrument :
MSVOA_X
ClientSampleId :
BEM-MW-14

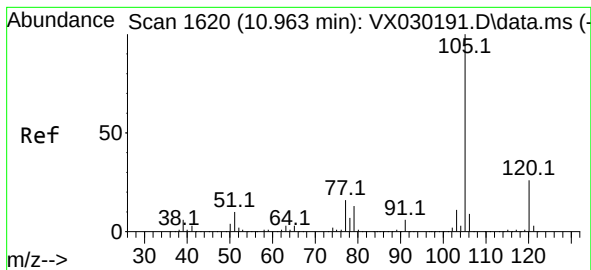
Tgt Ion:106 Resp: 1917
Ion Ratio Lower Upper
106 100
91 221.5 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

Tgt Ion:152 Resp: 132140
Ion Ratio Lower Upper
152 100
115 62.0 40.5 121.5
150 155.0 0.0 347.0





#73

Isopropylbenzene

Concen: 0.679 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX030250.D

Acq: 27 Jul 2022 23:16

Instrument :

MSVOA_X

ClientSampleId :

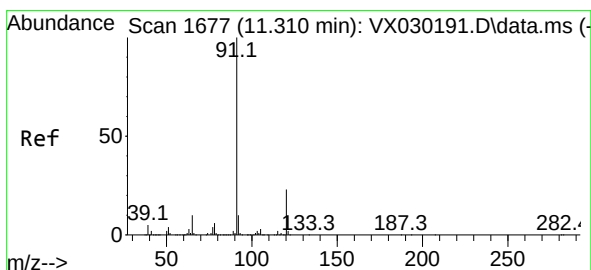
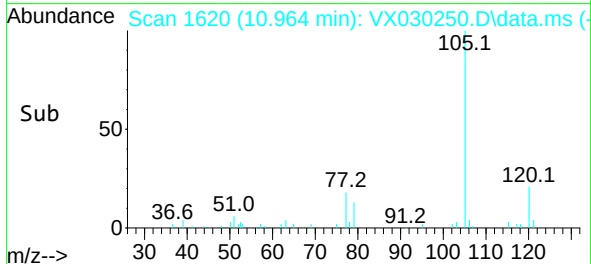
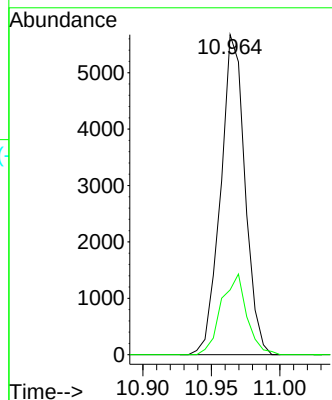
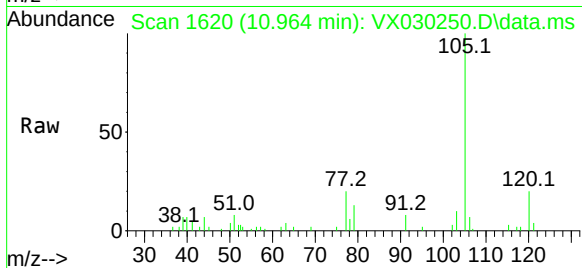
BEM-MW-14

Tgt Ion:105 Resp: 7008

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



#78

n-propylbenzene

Concen: 1.327 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.005 min

Lab File: VX030250.D

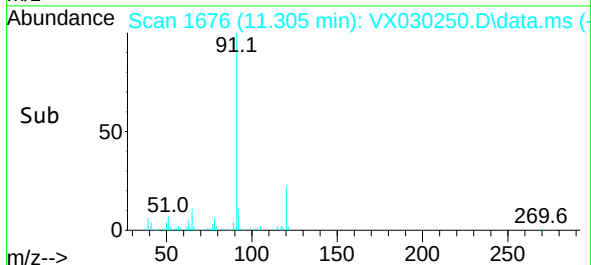
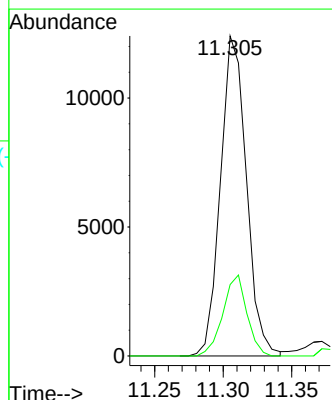
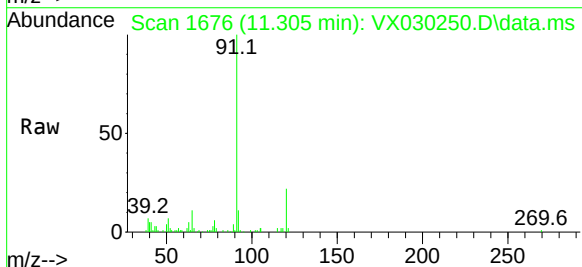
Acq: 27 Jul 2022 23:16

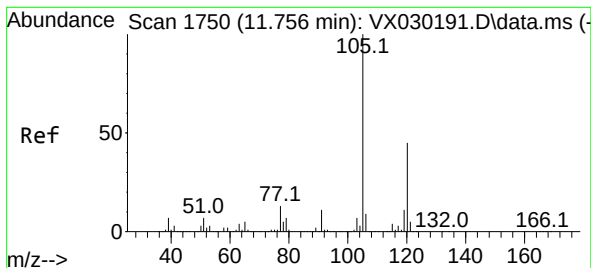
Tgt Ion: 91 Resp: 16344

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 0.514 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030250.D

Acq: 27 Jul 2022 23:16

Instrument :

MSVOA_X

ClientSampleId :

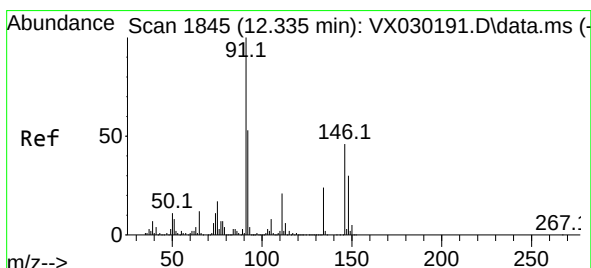
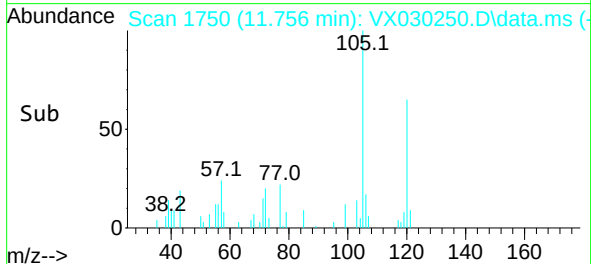
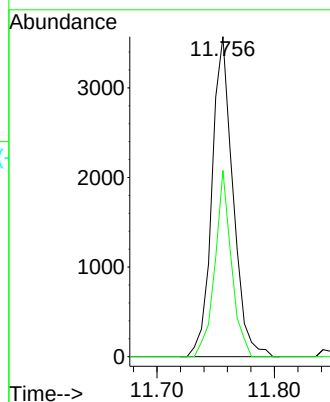
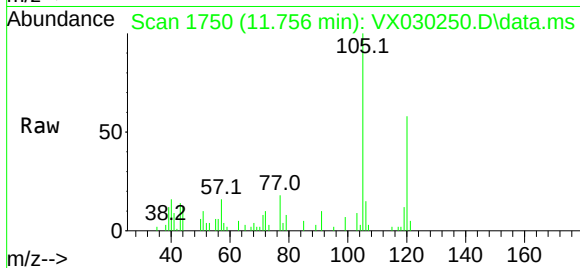
BEM-MW-14

Tgt Ion:105 Resp: 4431

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.8



#89

n-Butylbenzene

Concen: 0.277 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030250.D

Acq: 27 Jul 2022 23:16

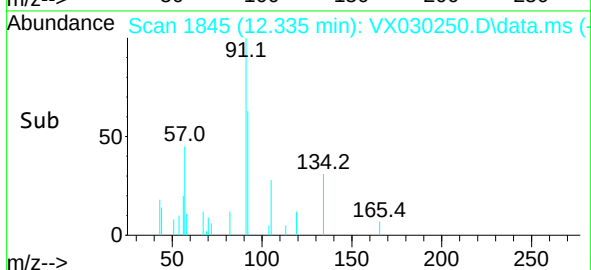
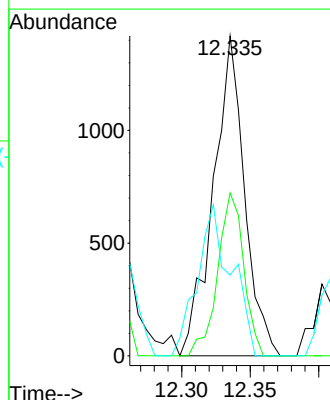
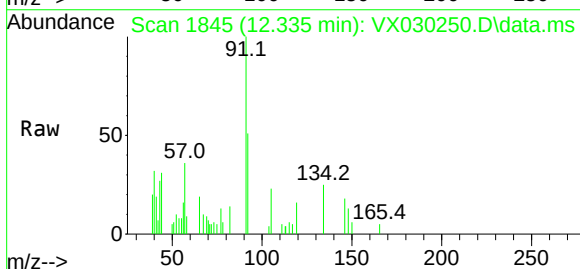
Tgt Ion: 91 Resp: 2257

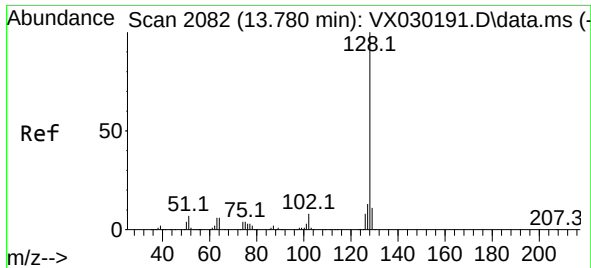
Ion Ratio Lower Upper

91 100

92 42.4 26.2 78.5

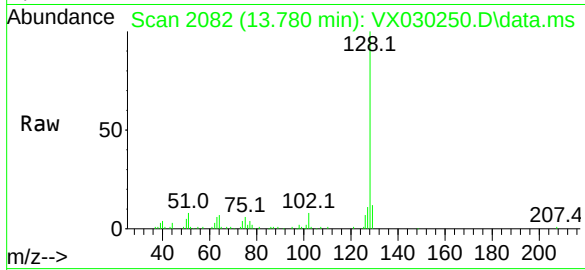
134 51.2 12.6 37.8#





#95
Naphthalene
Concen: 1.918 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030250.D
Acq: 27 Jul 2022 23:16

Instrument :
MSVOA_X
ClientSampleId :
BEM-MW-14



Tgt Ion:128 Resp: 20084
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.2
129 10.9 8.6 13.0

