

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034188.D
 Acq On : 20 Feb 2023 15:24
 Operator : JC/MD
 Sample : 01576-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-BAGFILTER-20220215

Quant Time: Feb 21 01:08:25 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)

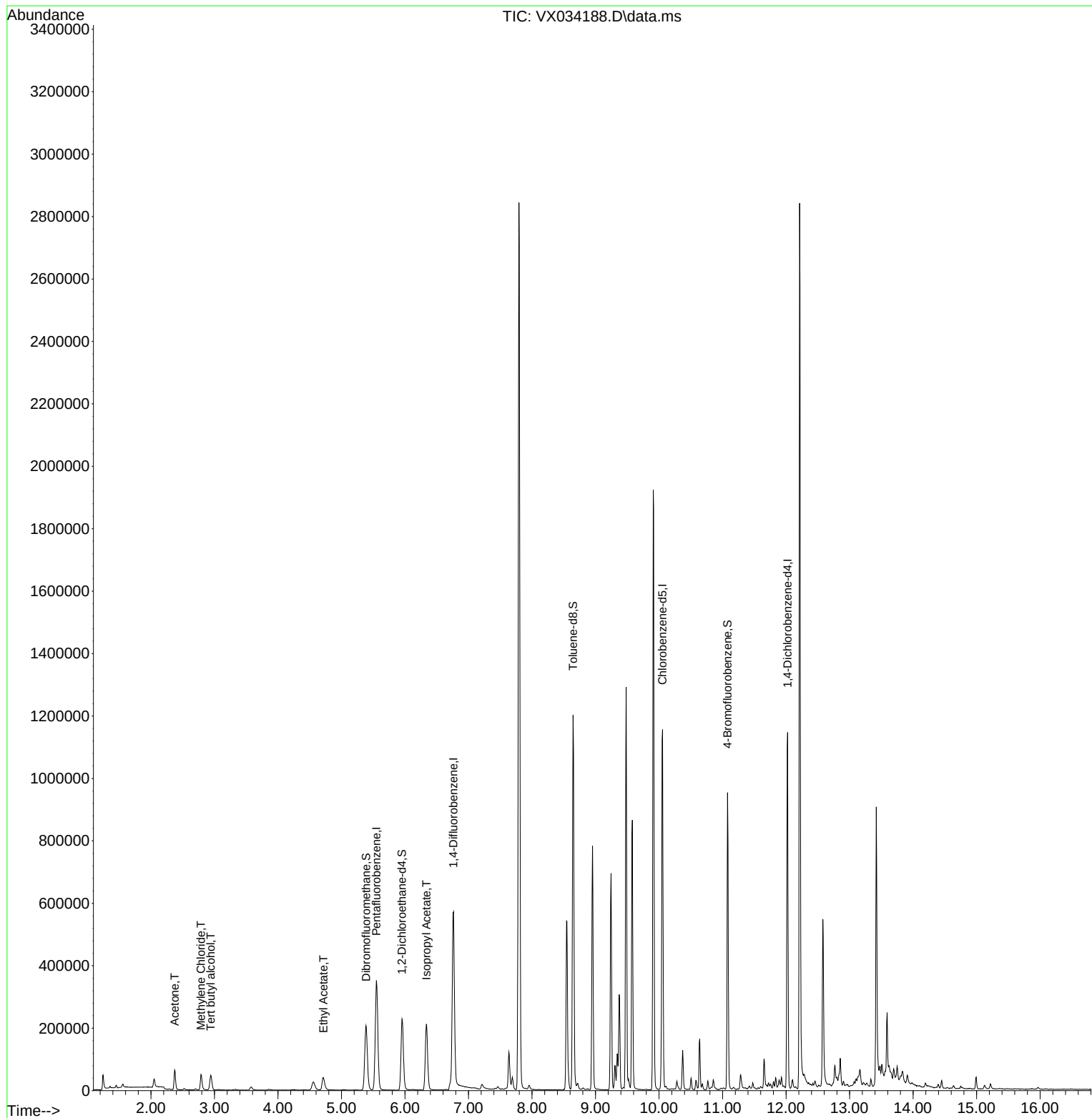
Internal Standards						
1) Pentafluorobenzene	5.550	168	351475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	584685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	521593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	207418	43.819	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.640%		
35) Dibromofluoromethane	5.385	113	183839	48.292	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	8.647	98	700609	51.259	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.520%		
62) 4-Bromofluorobenzene	11.079	95	250086	47.835	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.680%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	30676	28.975	ug/l	98
16) Acetone	2.374	43	66640	27.291	ug/l #	89
20) Methylene Chloride	2.788	84	24113	5.481	ug/l	97
37) Ethyl Acetate	4.715	43	73611	11.699	ug/l	99
43) Isopropyl Acetate	6.336	43	303338	27.320	ug/l	99

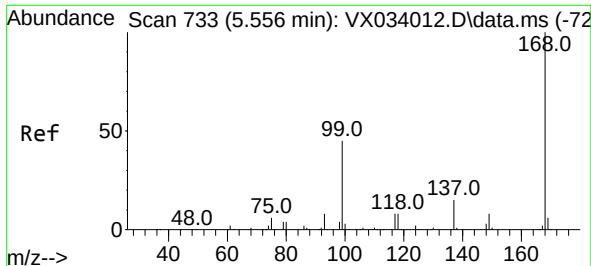
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

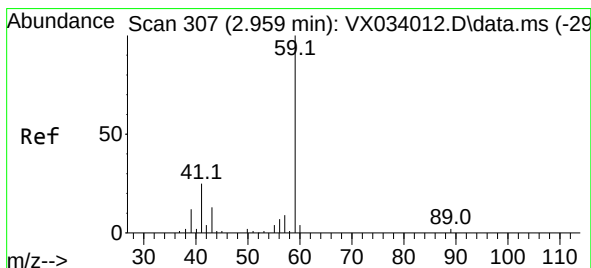
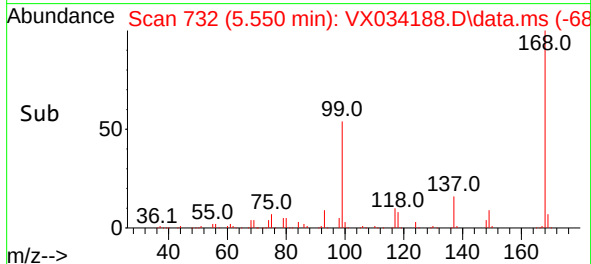
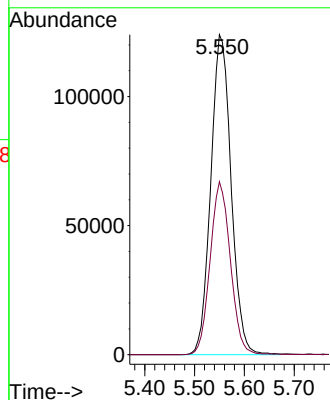
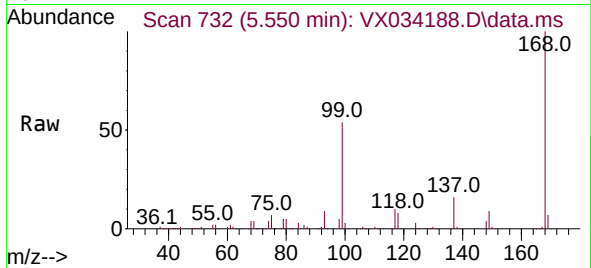




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

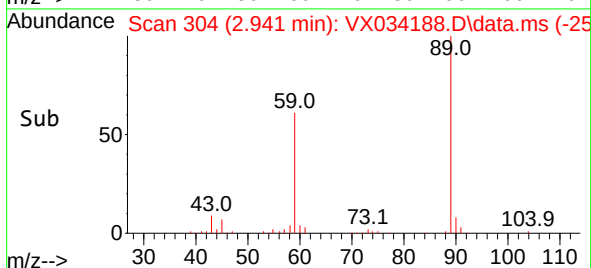
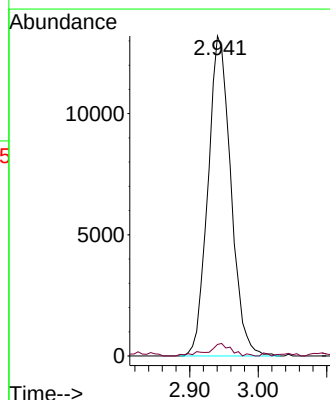
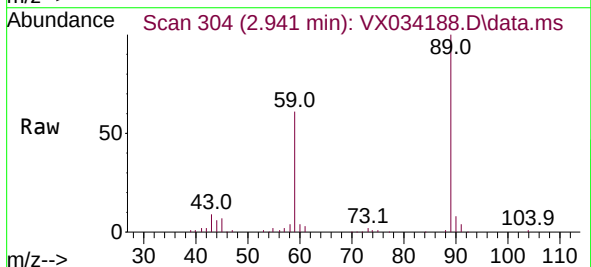
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

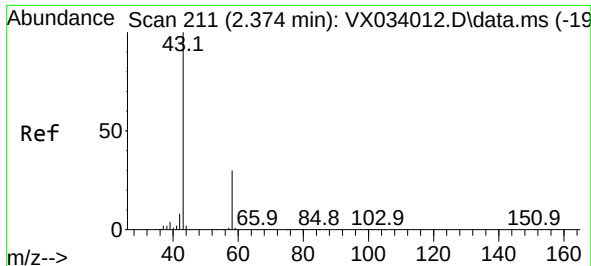
Tgt Ion:168 Resp: 351475
Ion Ratio Lower Upper
168 100
99 54.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 28.975 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

Tgt Ion: 59 Resp: 30676
Ion Ratio Lower Upper
59 100
57 4.0 3.7 5.5

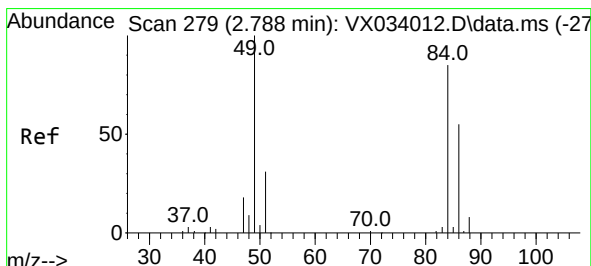
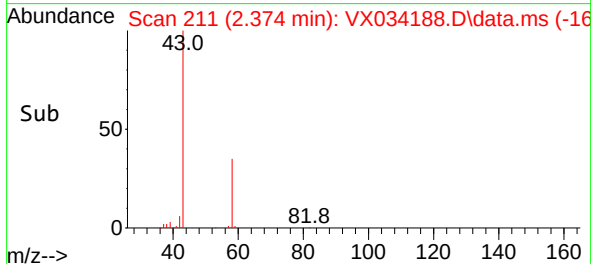
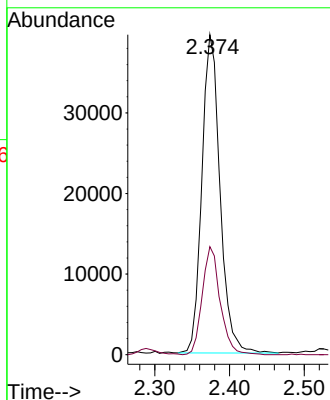
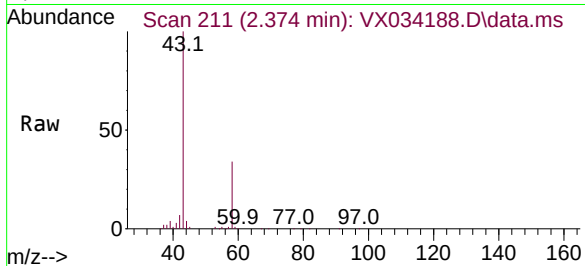




#16
Acetone
Concen: 27.291 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

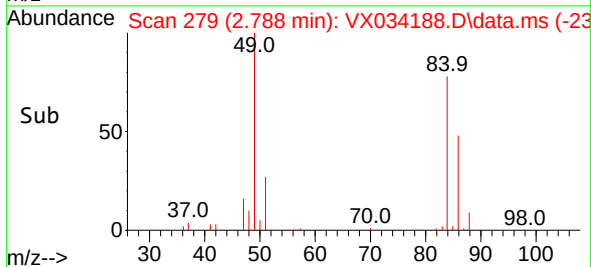
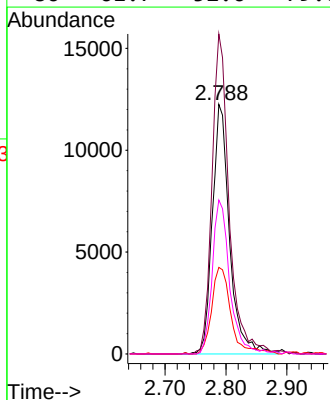
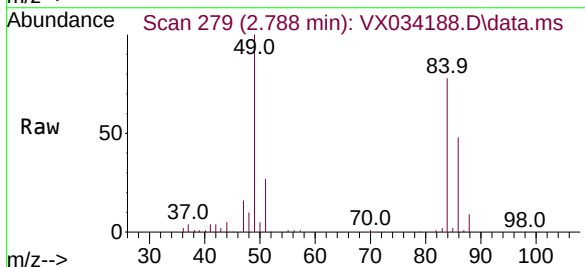
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

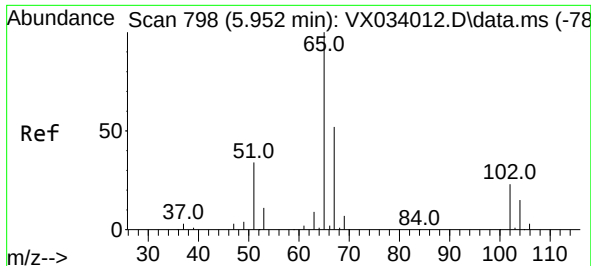
Tgt Ion: 43 Resp: 66640
Ion Ratio Lower Upper
43 100
58 33.9 22.6 33.8#



#20
Methylene Chloride
Concen: 5.481 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

Tgt Ion: 84 Resp: 24113
Ion Ratio Lower Upper
84 100
49 128.2 101.1 151.7
51 34.7 31.0 46.6
86 61.7 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 43.819 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034188.D

Acq: 20 Feb 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

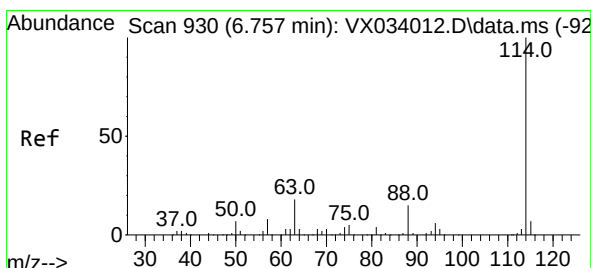
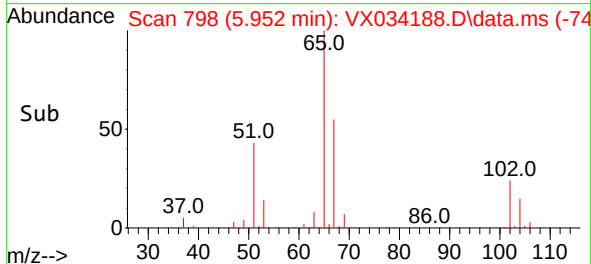
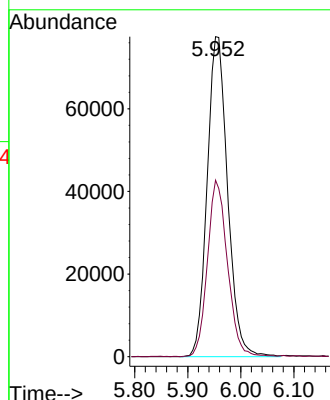
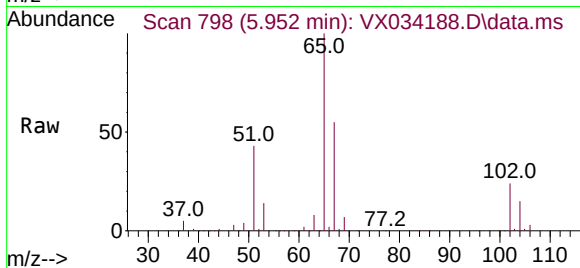
RE137-BAGFILTER-20220215

Tgt Ion: 65 Resp: 207418

Ion Ratio Lower Upper

65 100

67 54.1 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: VX034188.D

Acq: 20 Feb 2023 15:24

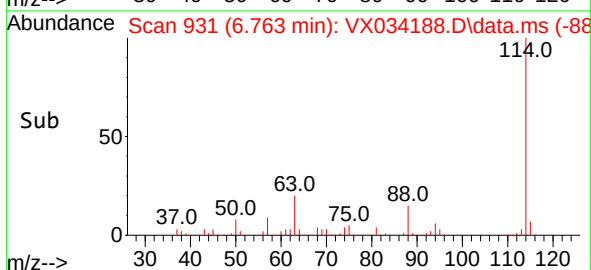
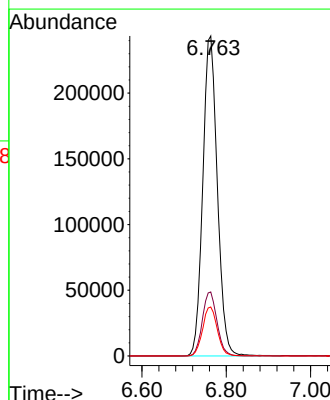
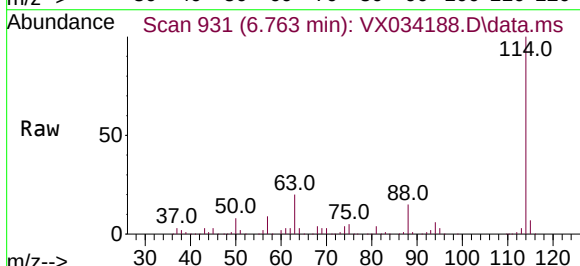
Tgt Ion: 114 Resp: 584685

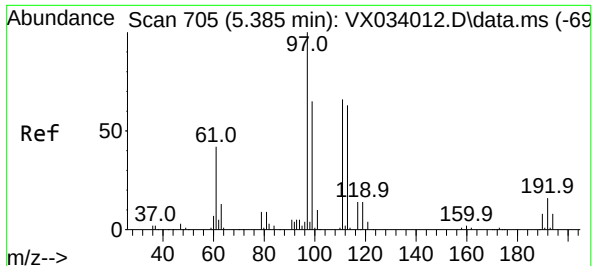
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.292 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034188.D

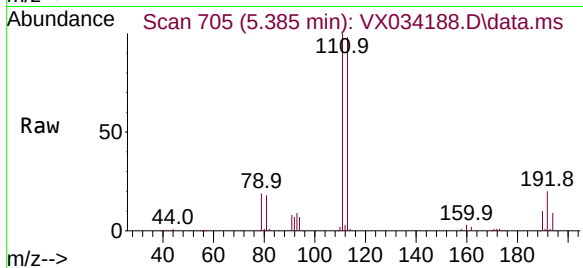
Acq: 20 Feb 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

RE137-BAGFILTER-20220215



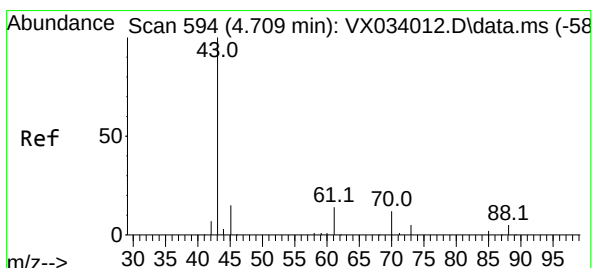
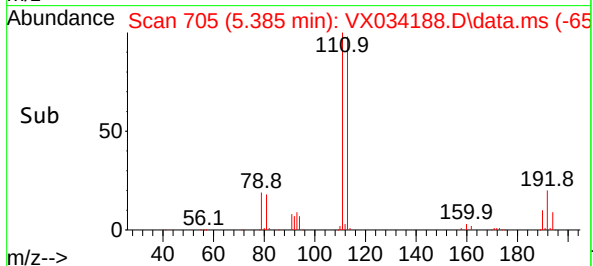
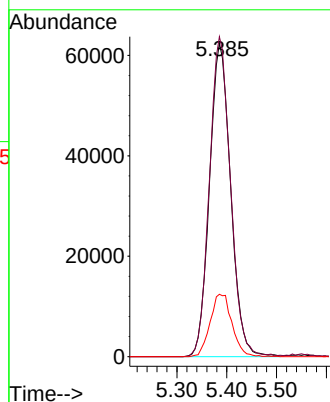
Tgt Ion:113 Resp: 183839

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

192 20.5 19.0 28.4



#37

Ethyl Acetate

Concen: 11.699 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX034188.D

Acq: 20 Feb 2023 15:24

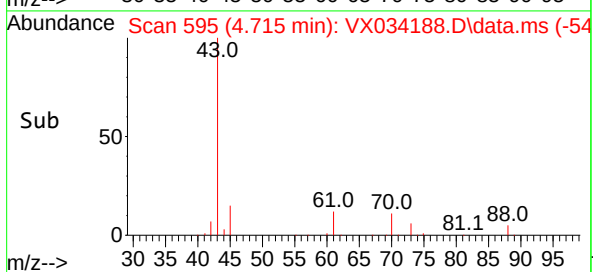
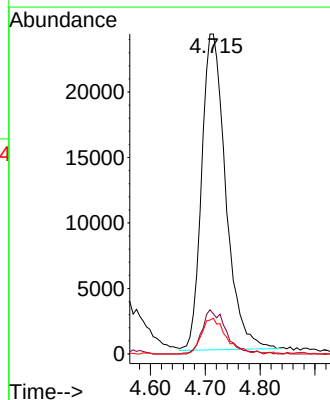
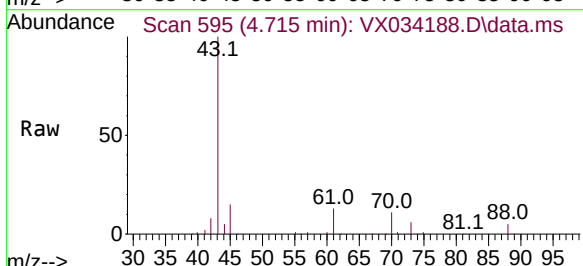
Tgt Ion: 43 Resp: 73611

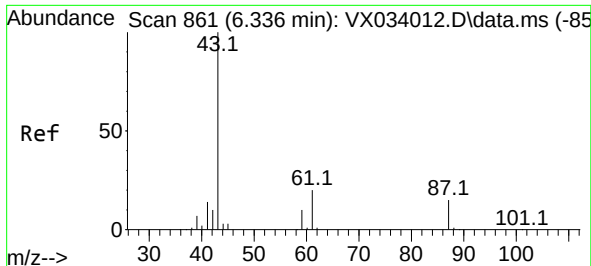
Ion Ratio Lower Upper

43 100

61 13.9 11.1 16.7

70 11.4 8.5 12.7

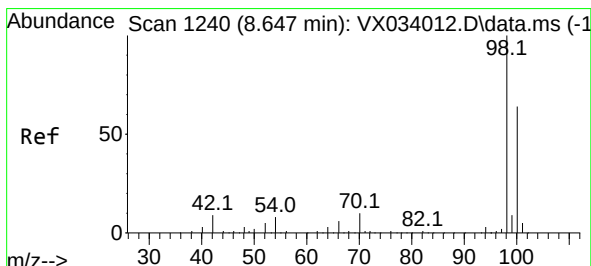
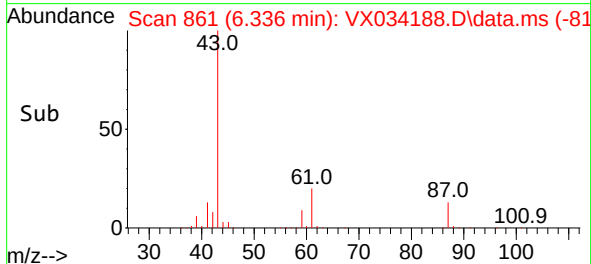
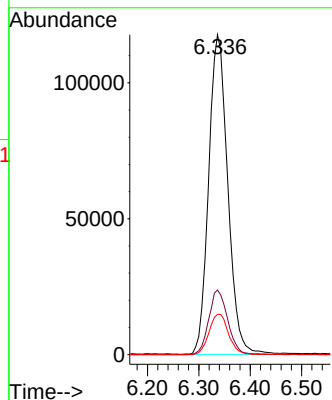
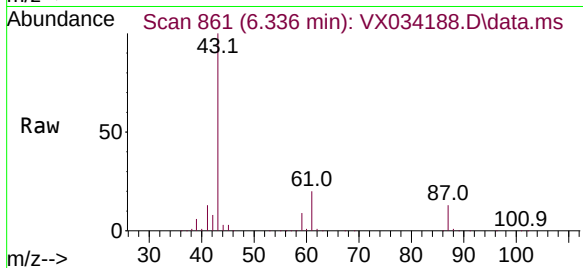




#43
Isopropyl Acetate
Concen: 27.320 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

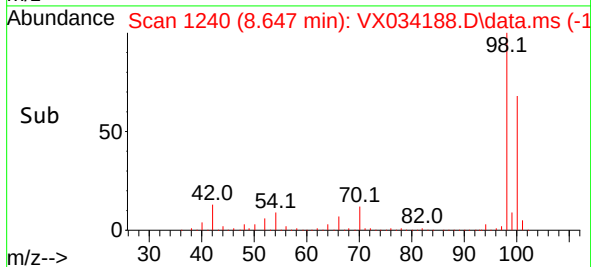
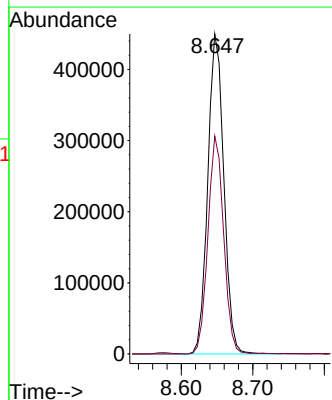
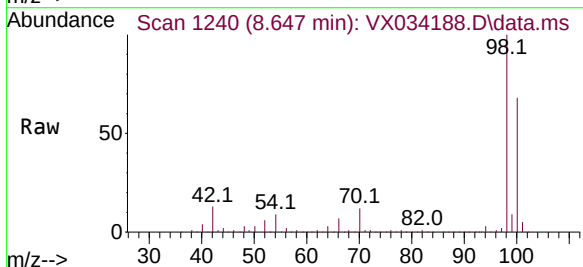
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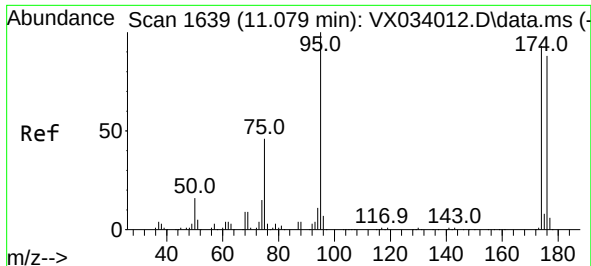
Tgt Ion: 43 Resp: 303338
Ion Ratio Lower Upper
43 100
61 20.1 15.7 23.5
87 12.9 10.6 15.8



#50
Toluene-d8
Concen: 51.259 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

Tgt Ion: 98 Resp: 700609
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4

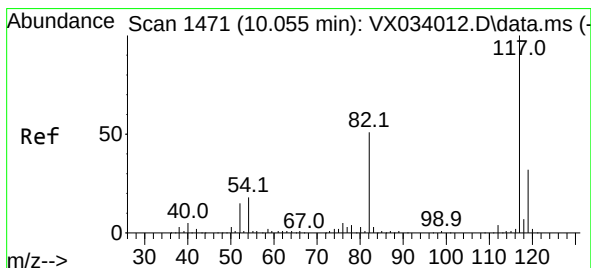
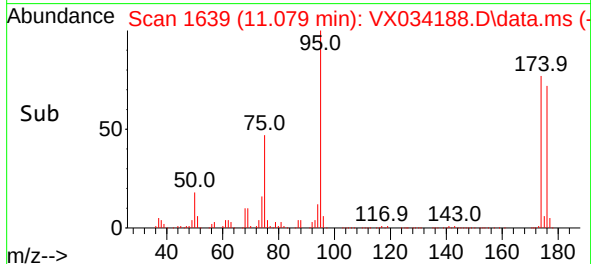
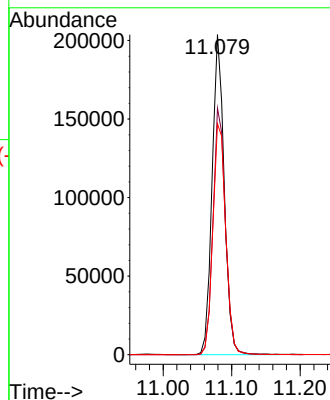
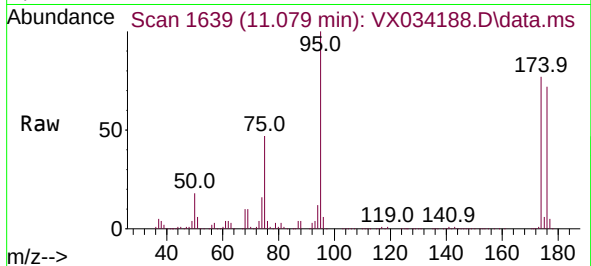




#62
4-Bromofluorobenzene
Concen: 47.835 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

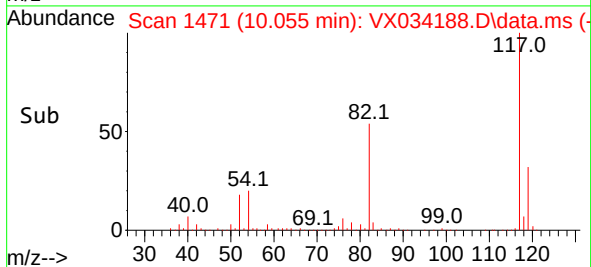
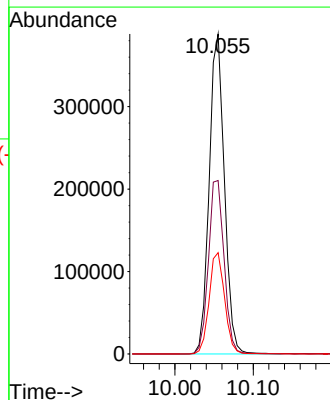
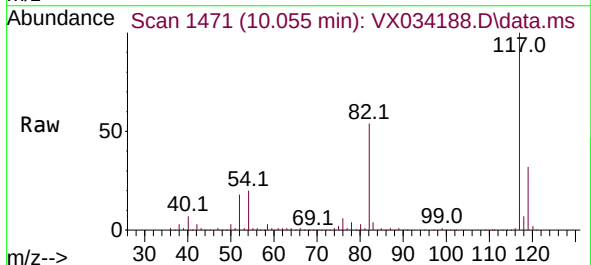
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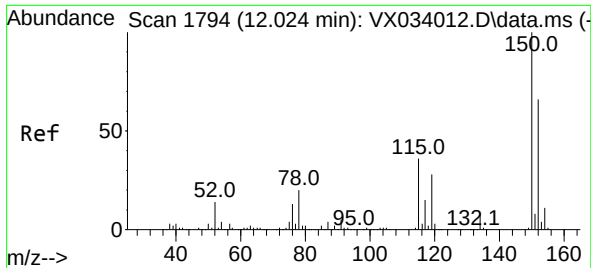
Tgt Ion: 95 Resp: 250086
Ion Ratio Lower Upper
95 100
174 79.0 0.0 184.4
176 76.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

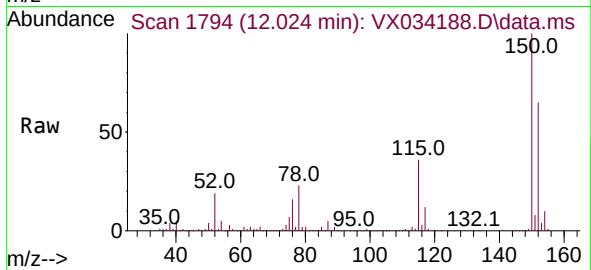
Tgt Ion: 117 Resp: 521593
Ion Ratio Lower Upper
117 100
82 54.2 40.6 60.8
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034188.D
 Acq: 20 Feb 2023 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-BAGFILTER-20220215



Tgt Ion:152 Resp: 241050
 Ion Ratio Lower Upper
 152 100
 115 58.5 38.7 116.1
 150 158.4 0.0 348.2

