

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

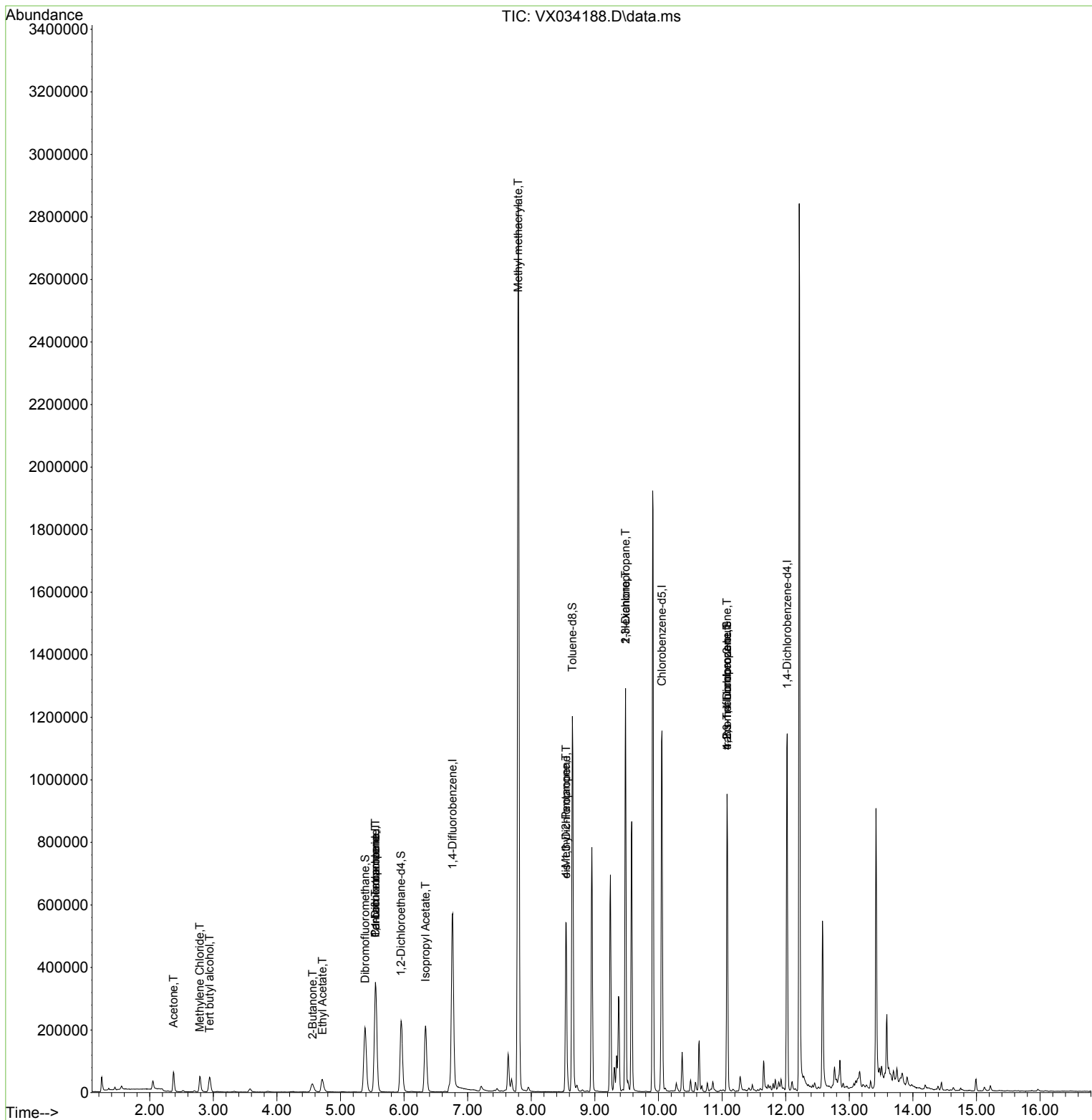
Quant Time: Feb 21 01:08:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

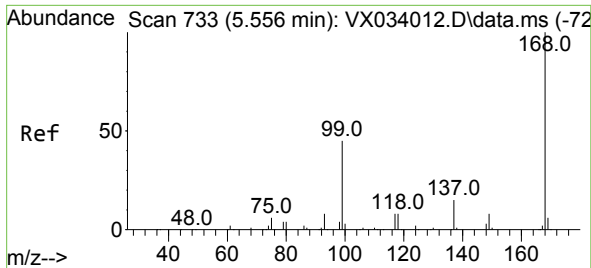
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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	
5) Bromomethane	1.612	94	326	Below Cal	#	32
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
25) 2-Butanone	4.562	43	12498	3.537	ug/l	91
36) 1,1-Dichloropropene	5.550	75	25666	4.559	ug/l #	48
37) Ethyl Acetate	4.715	43	73611	11.699	ug/l	99
38) Carbon Tetrachloride	5.550	117	33867	5.846	ug/l #	15
43) Isopropyl Acetate	6.336	43	303338	27.320	ug/l	99
48) Methyl methacrylate	7.793	41	229045	43.462	ug/l #	44
51) 4-Methyl-2-Pentanone	8.543	43	205035	33.564	ug/l #	46
54) cis-1,3-Dichloropropene	8.549	75	93507	12.650	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	10701	1.507	ug/l #	43
59) 2-Hexanone	9.482	43	149730	32.161	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	119696	19.734	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	119696	50.695	ug/l #	8

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

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

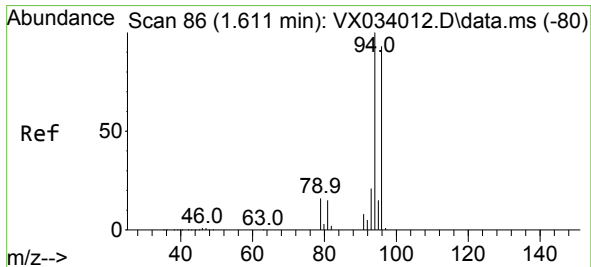
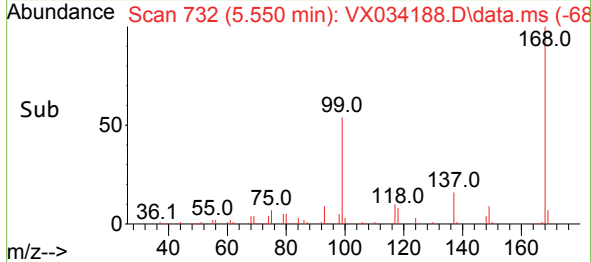
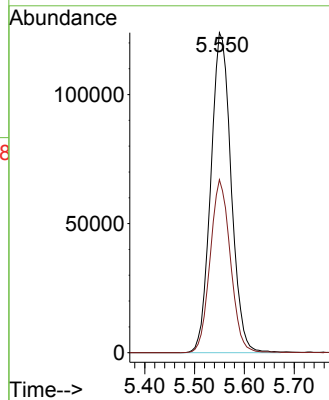
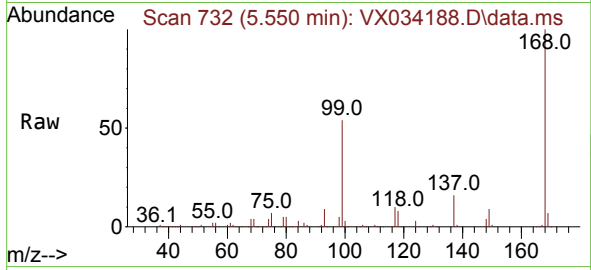




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

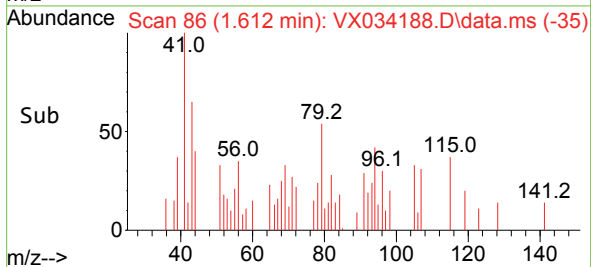
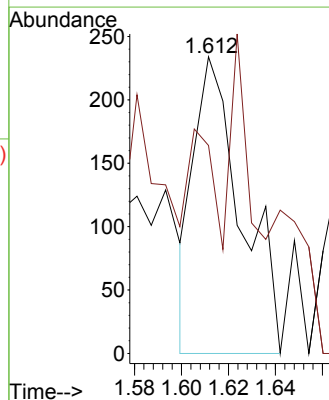
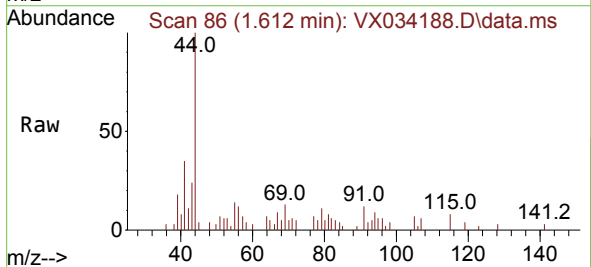
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

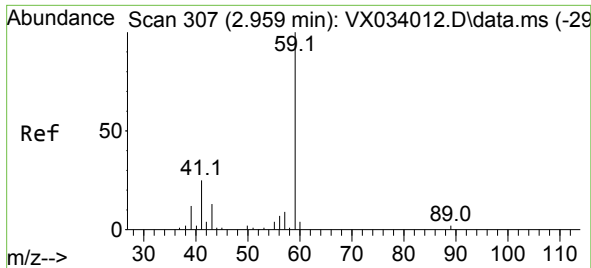
Tgt Ion:168 Resp: 351475
Ion Ratio Lower Upper
168 100
99 54.0 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

Tgt Ion: 94 Resp: 326
Ion Ratio Lower Upper
94 100
96 27.4 74.3 111.5#

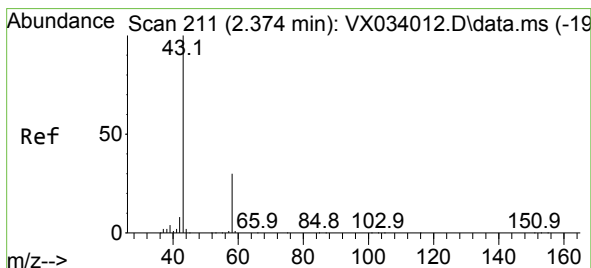
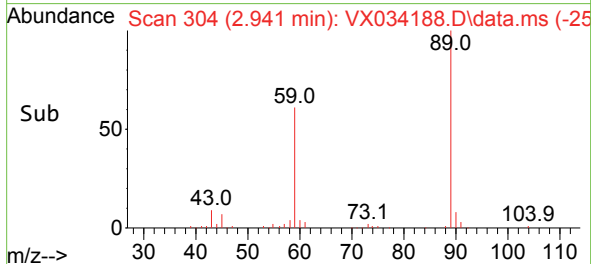
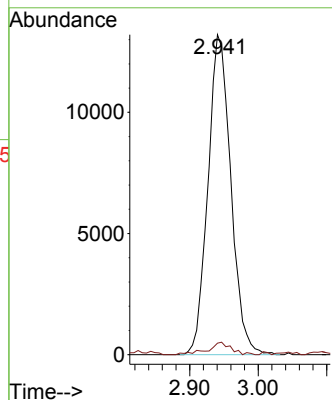
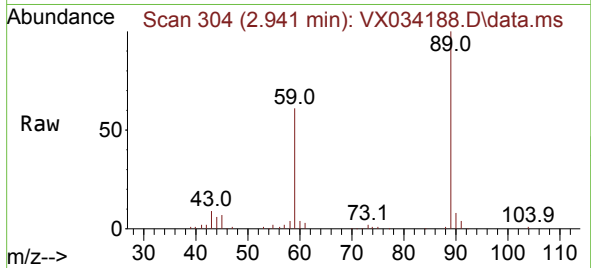




#11
Tert butyl alcohol
Concen: 28.975 ug/l
RT: 2.941 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

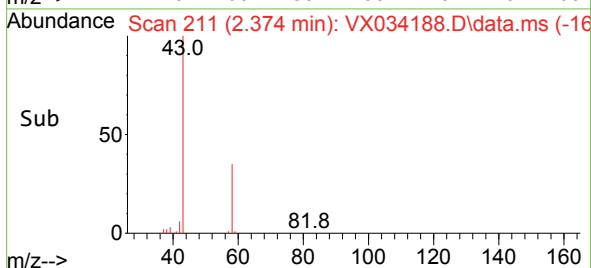
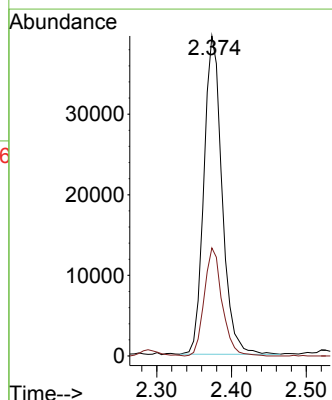
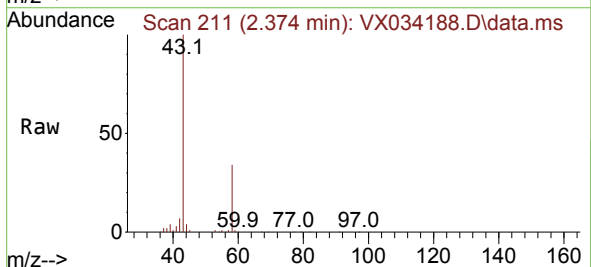
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

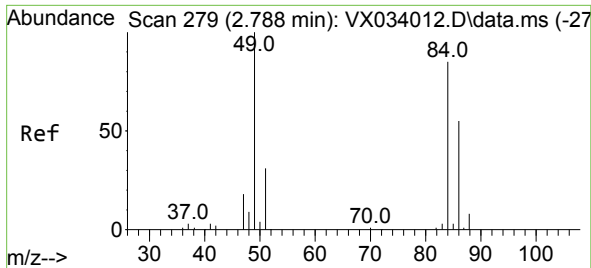
Tgt Ion: 59 Resp: 30676
Ion Ratio Lower Upper
59 100
57 4.0 3.7 5.5



#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

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

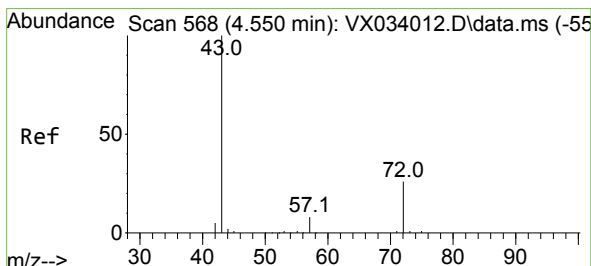
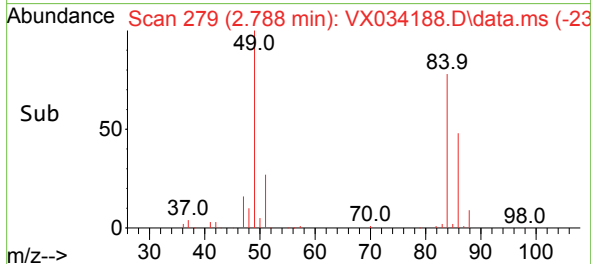
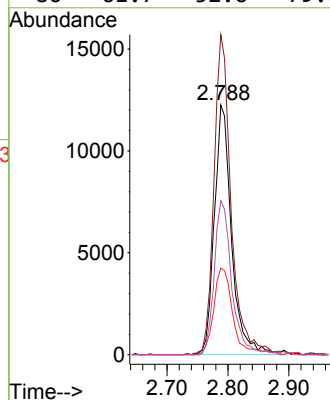
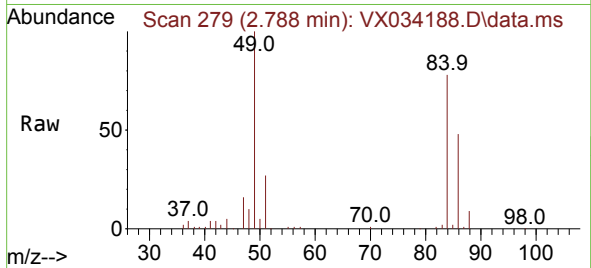




#20
Methylene Chloride
Concen: 5.481 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

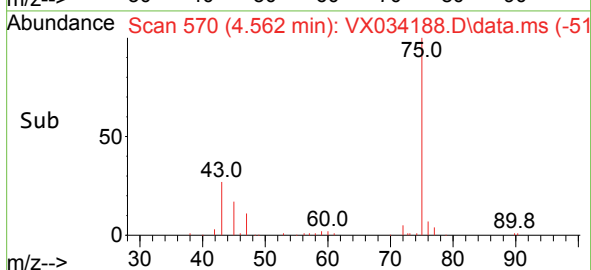
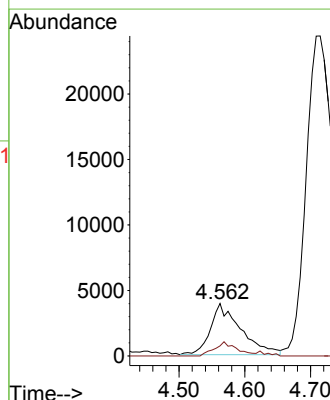
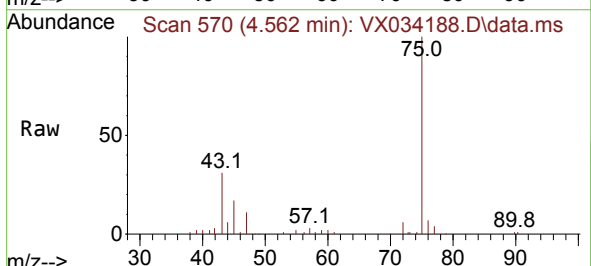
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

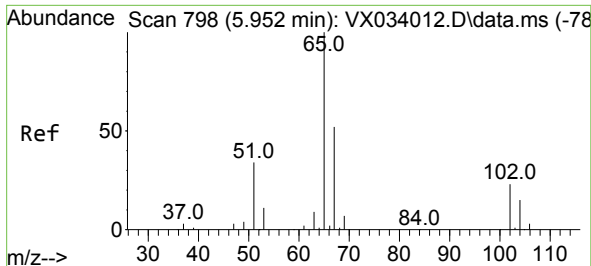
Tgt Ion:	84	Resp:	24113
Ion	Ratio	Lower	Upper
84	100		
49	128.2	101.1	151.7
51	34.7	31.0	46.6
86	61.7	52.6	79.0



#25
2-Butanone
Concen: 3.537 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.018 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

Tgt Ion:	43	Resp:	12498
Ion	Ratio	Lower	Upper
43	100		
72	19.8	19.4	29.2





#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 :

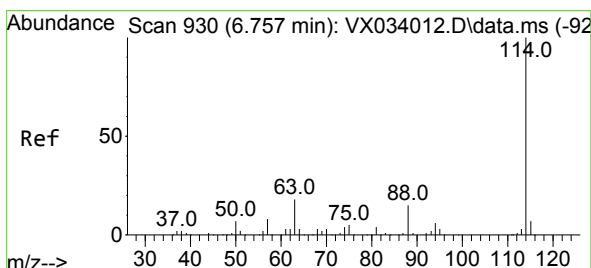
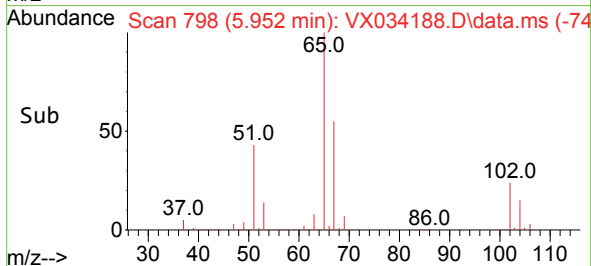
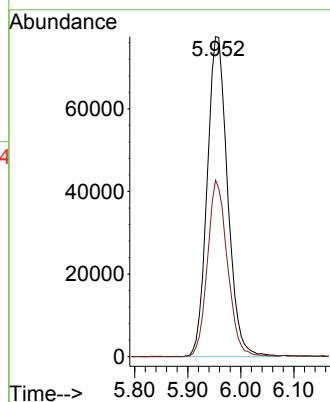
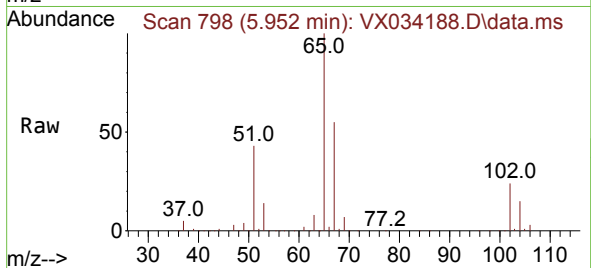
RE137-BAGFILTER-20220215

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

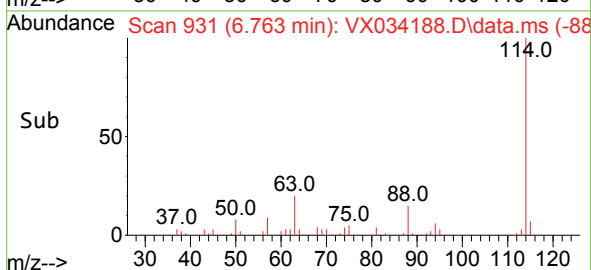
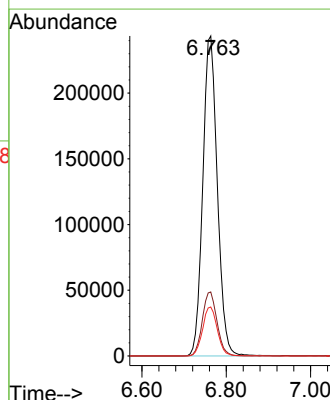
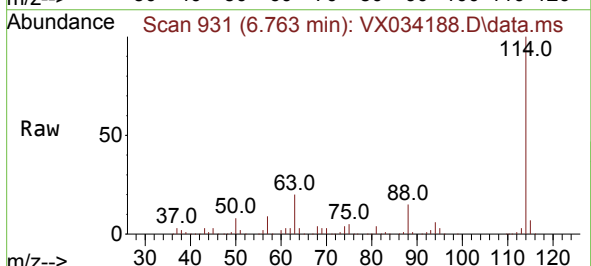
Tgt Ion: 114 Resp: 584685

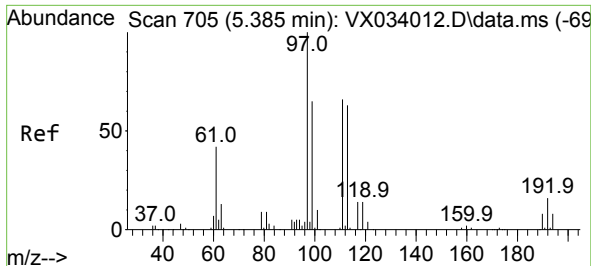
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.3 0.0 30.6

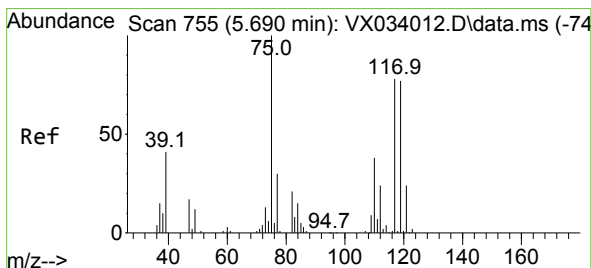
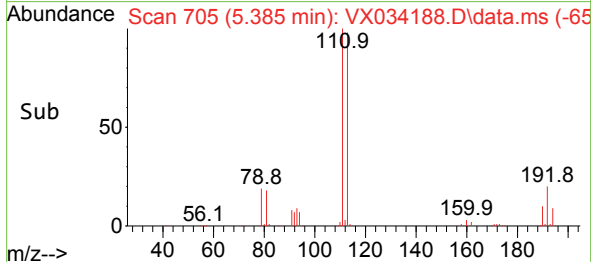
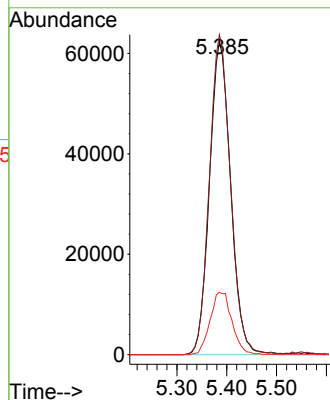
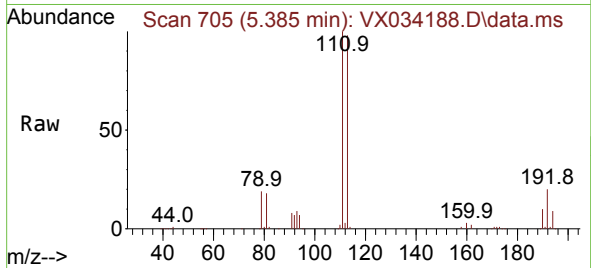




#35
Dibromofluoromethane
Concen: 48.292 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

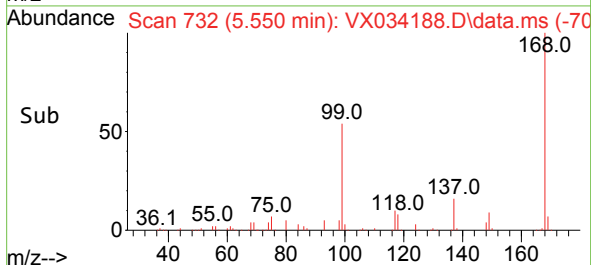
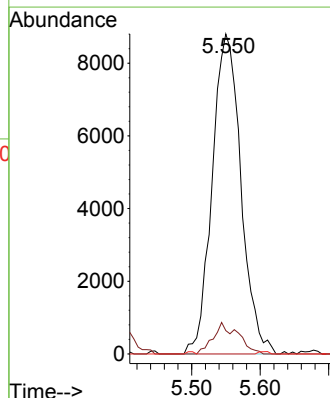
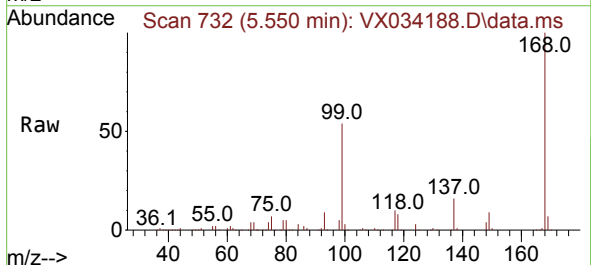
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

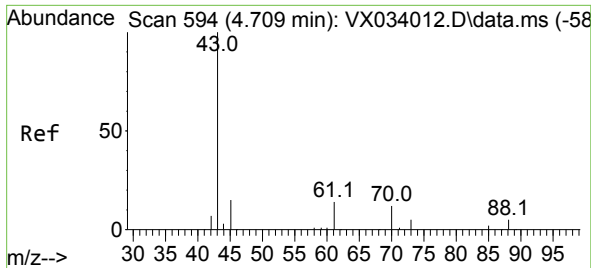
Tgt Ion:113 Resp: 183839
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.6
192 20.5 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.559 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

Tgt Ion: 75 Resp: 25666
Ion Ratio Lower Upper
75 100
110 8.5 18.8 56.4#
77 0.0 25.1 37.7#

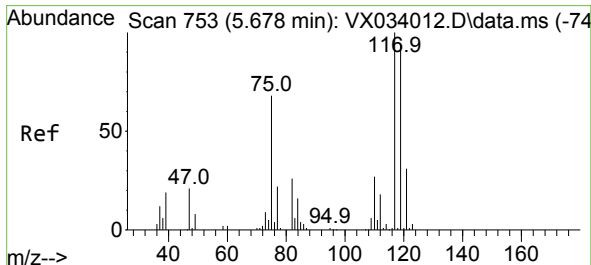
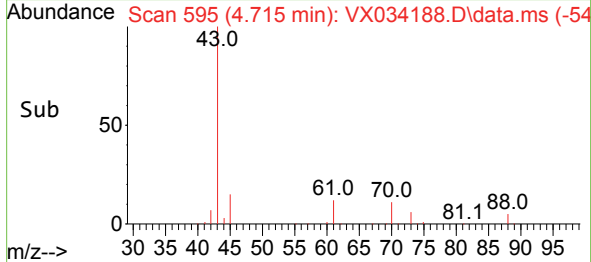
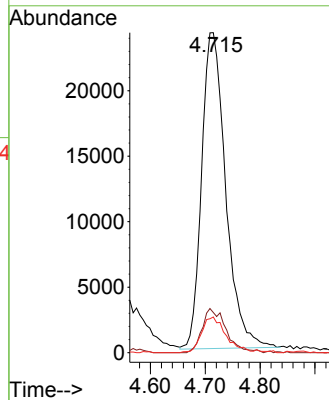
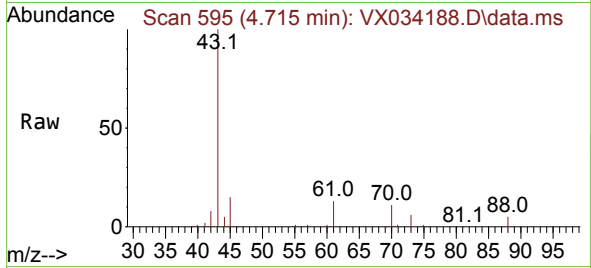




#37
Ethyl Acetate
Concen: 11.699 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

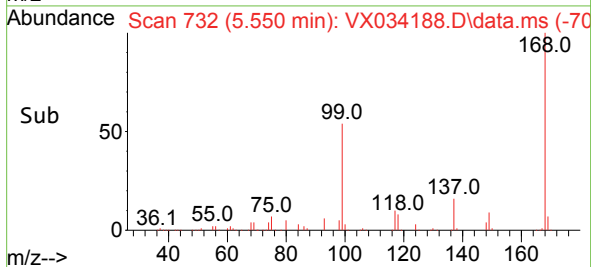
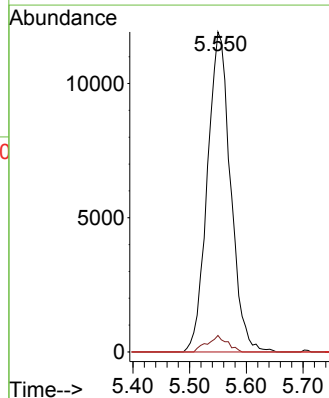
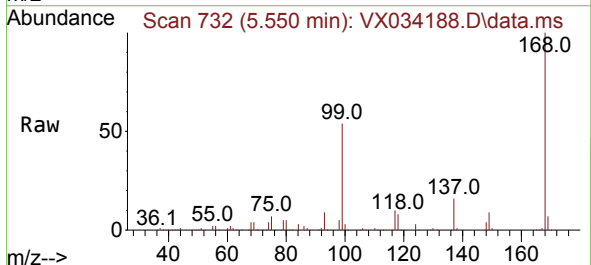
Instrument :
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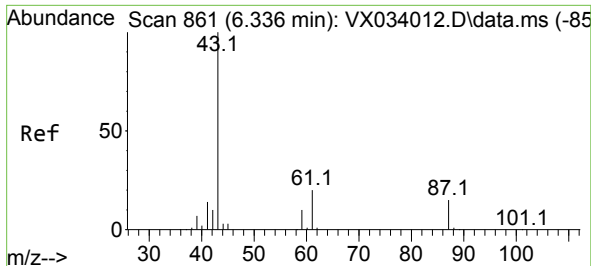
Tgt Ion:	43	Resp:	73611
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	11.4	8.5	12.7



#38
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

Tgt Ion:	117	Resp:	33867
Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.0	117.0#
121	0.0	24.4	36.6#

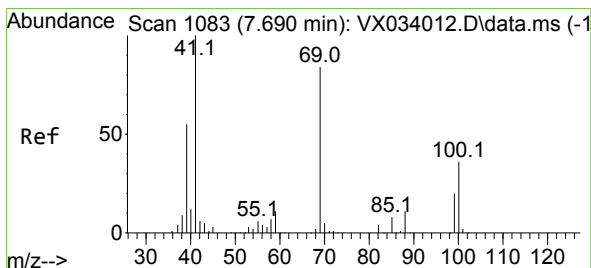
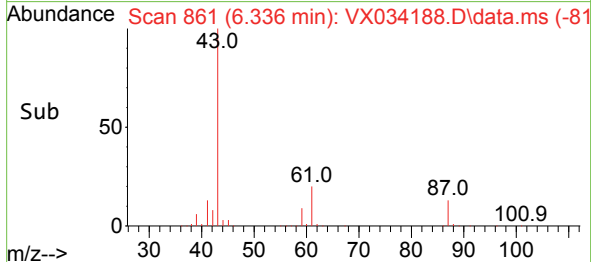
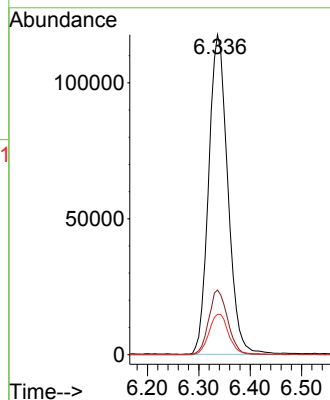
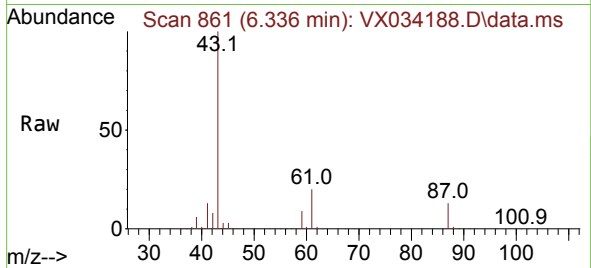




#43
Isopropyl Acetate
Concen: 27.320 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

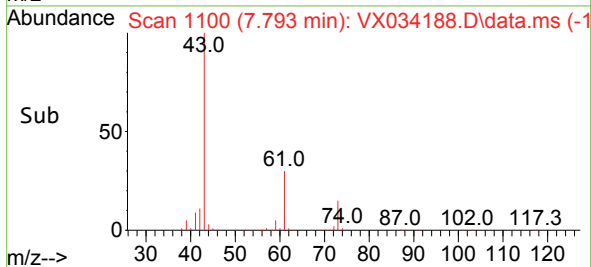
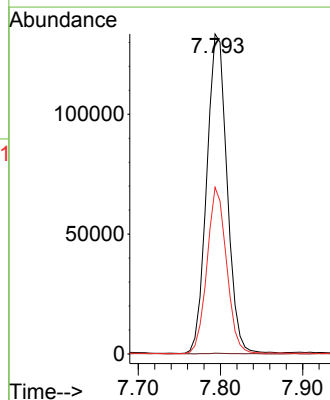
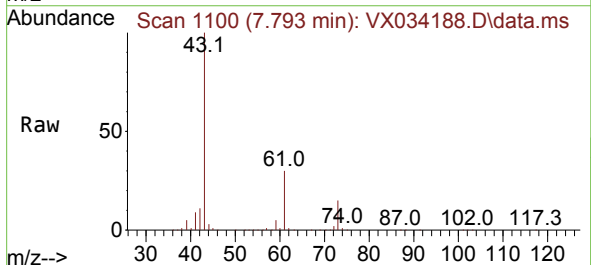
Instrument :
MSVOA_X
ClientSampleId :
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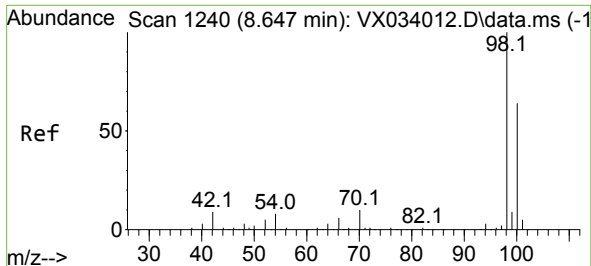
Tgt Ion: 43 Resp: 303338
Ion Ratio Lower Upper
43 100
61 20.1 15.7 23.5
87 12.9 10.6 15.8



#48
Methyl methacrylate
Concen: 43.462 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

Tgt Ion: 41 Resp: 229045
Ion Ratio Lower Upper
41 100
69 0.3 63.1 94.7#
39 50.1 43.2 64.8

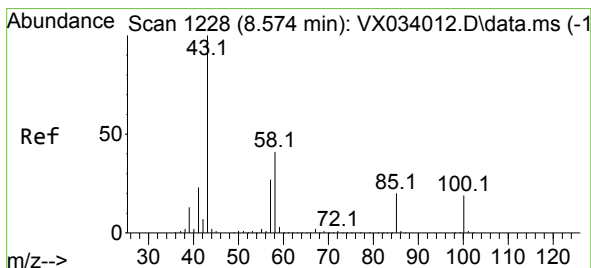
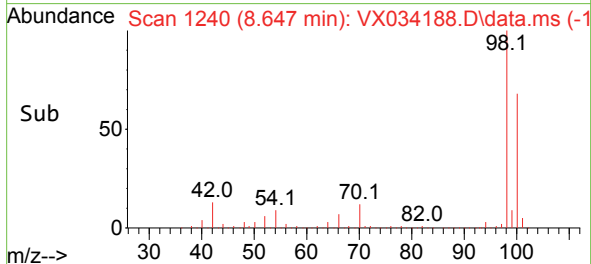
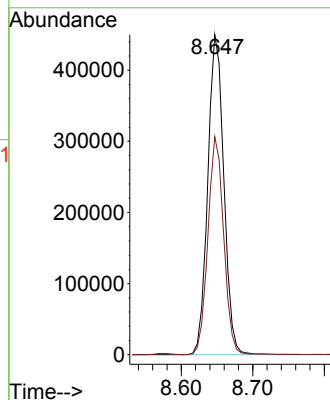
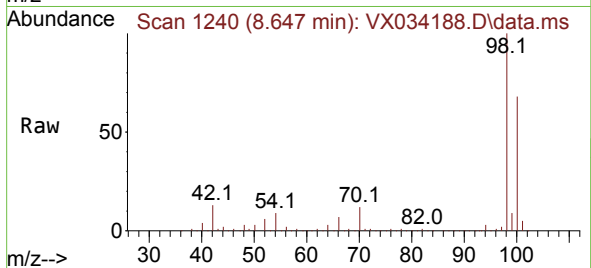




#50
Toluene-d8
Concen: 51.259 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

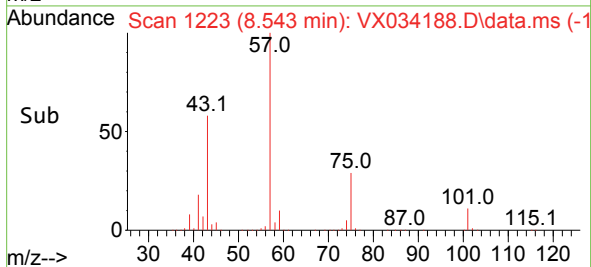
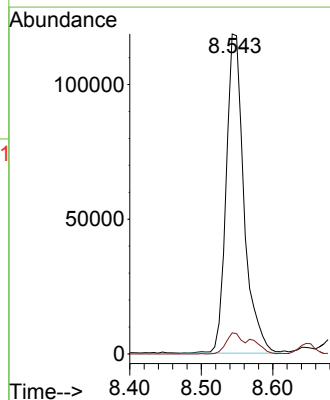
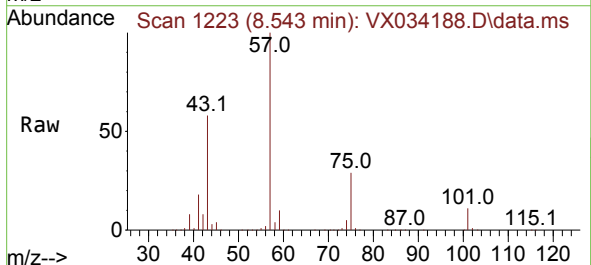
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

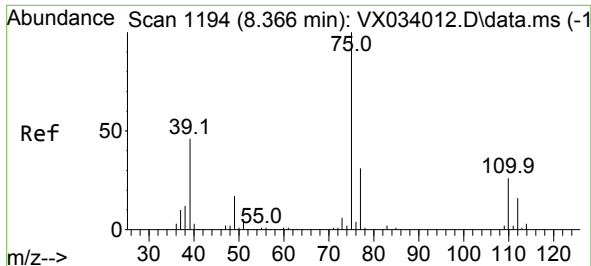
Tgt Ion: 98 Resp: 700609
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 33.564 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.024 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

Tgt Ion: 43 Resp: 205035
Ion Ratio Lower Upper
43 100
58 6.1 31.2 46.8#

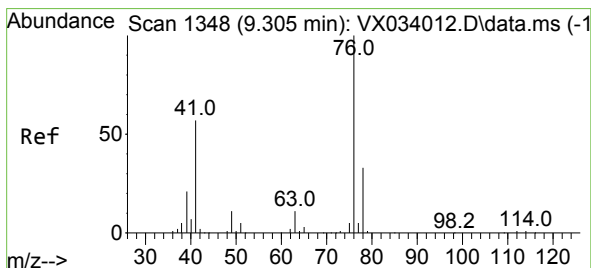
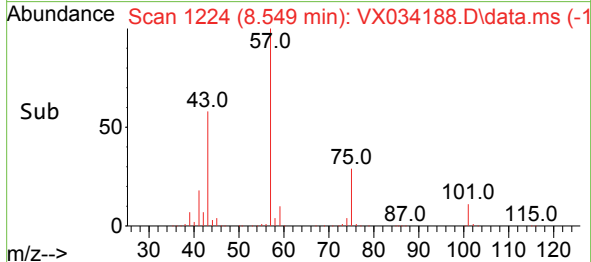
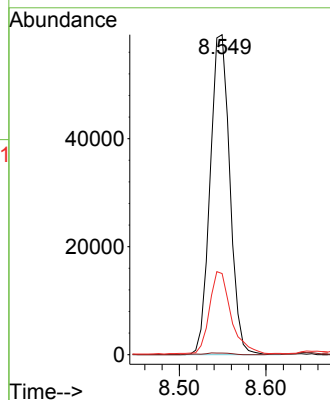
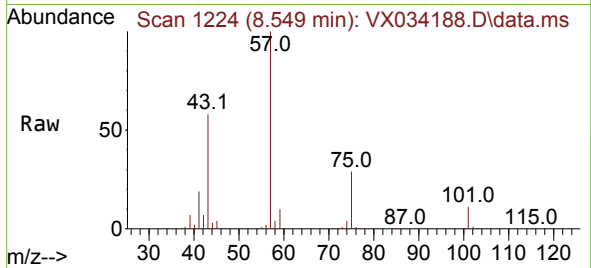




#54
 cis-1,3-Dichloropropene
 Concen: 12.650 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX034188.D
 Acq: 20 Feb 2023 15:24

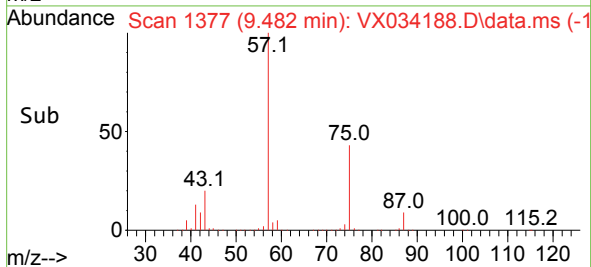
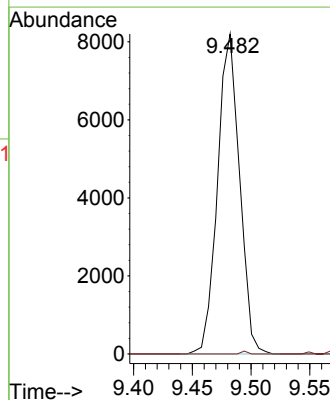
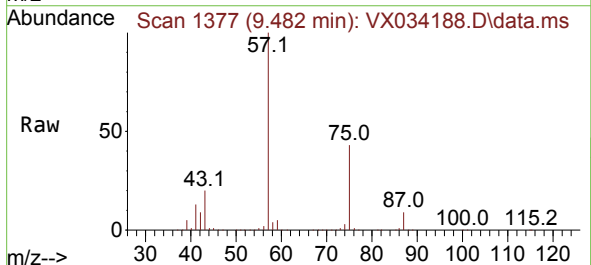
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-BAGFILTER-20220215

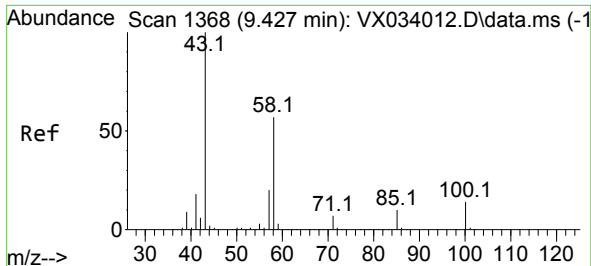
Tgt Ion: 75 Resp: 93507
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.0 37.6#
 39 24.9 38.6 58.0#



#57
 1,3-Dichloropropane
 Concen: 1.507 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX034188.D
 Acq: 20 Feb 2023 15:24

Tgt Ion: 76 Resp: 10701
 Ion Ratio Lower Upper
 76 100
 78 0.3 25.6 38.4#

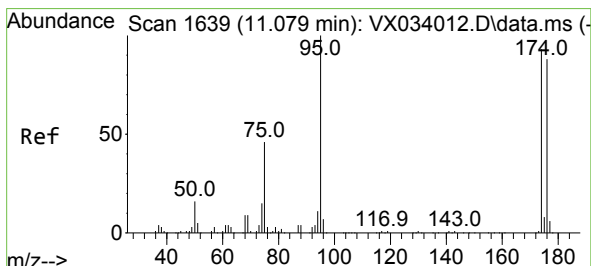
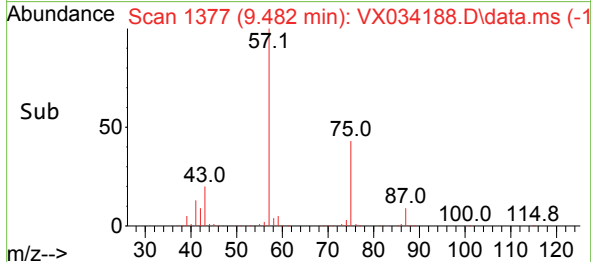
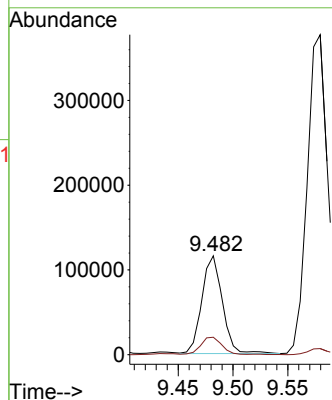
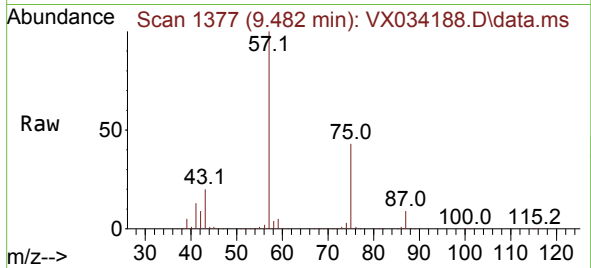




#59
2-Hexanone
Concen: 32.161 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

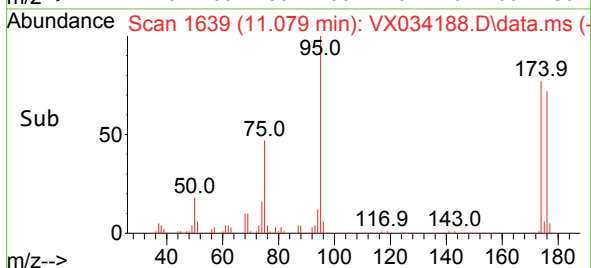
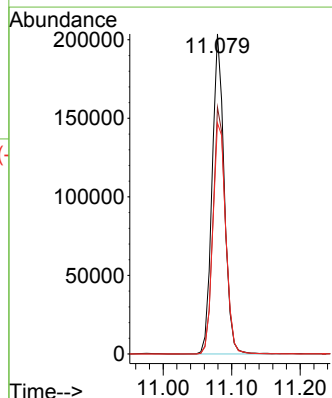
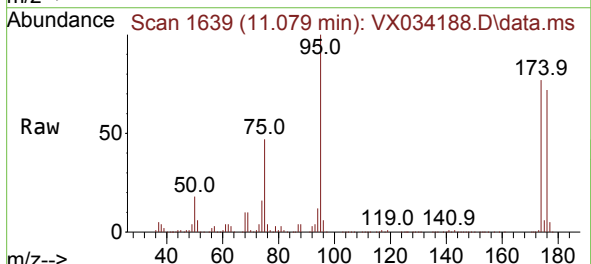
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

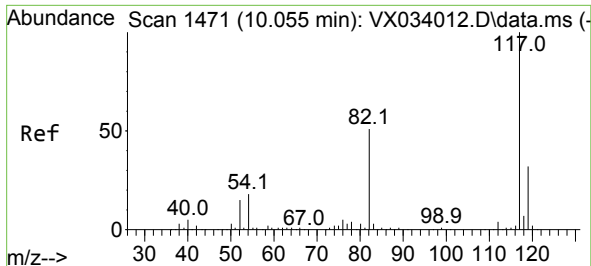
Tgt Ion: 43 Resp: 149730
Ion Ratio Lower Upper
43 100
58 19.1 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: 47.835 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

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

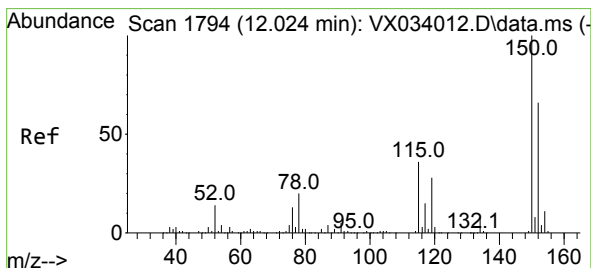
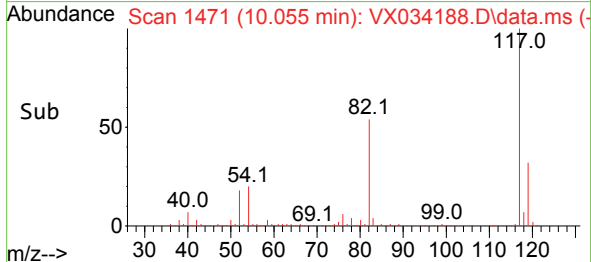
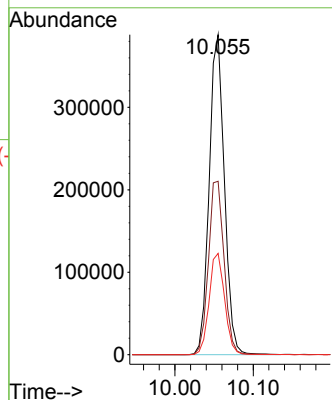
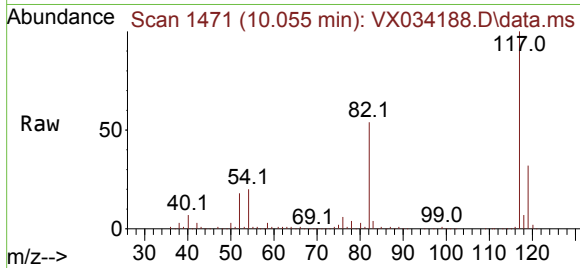




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

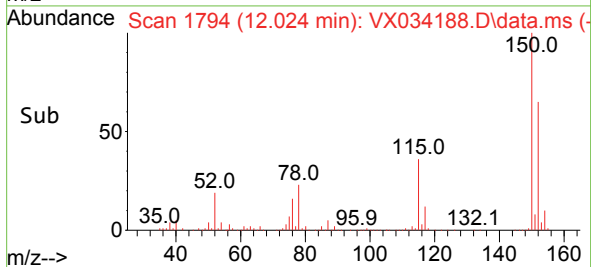
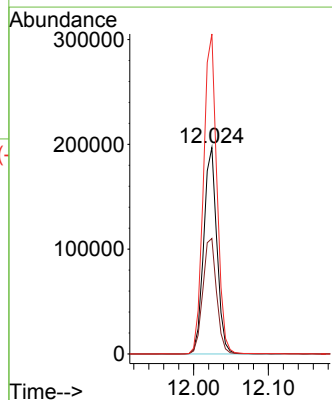
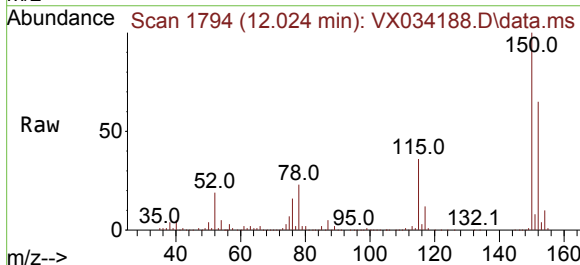
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

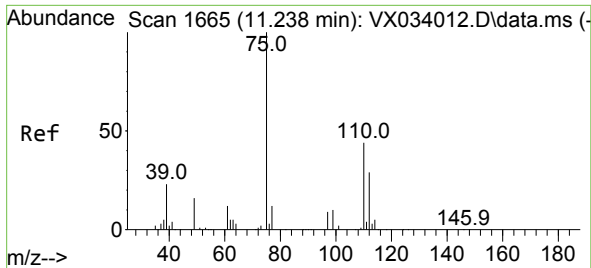
Tgt Ion:117 Resp: 521593
Ion Ratio Lower Upper
117 100
82 54.2 40.6 60.8
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

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

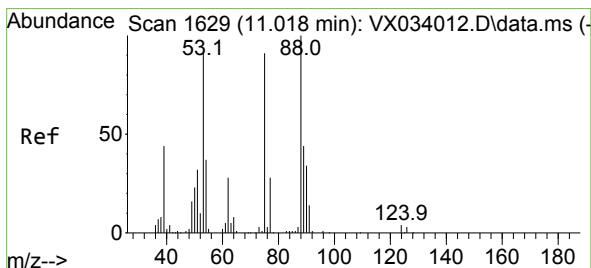
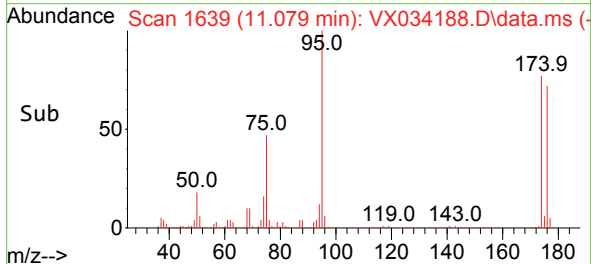
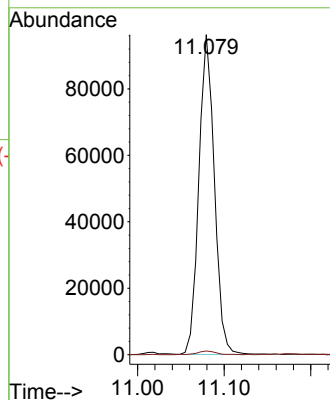
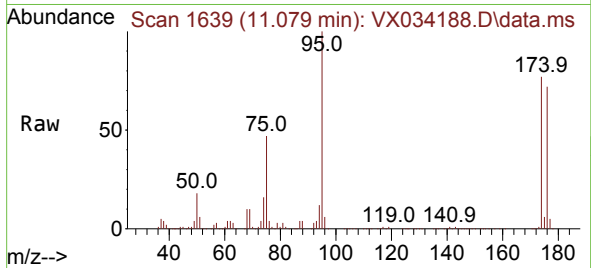




#76
1,2,3-Trichloropropane
Concen: 19.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

Tgt Ion: 75 Resp: 119696
Ion Ratio Lower Upper
75 100
77 1.4 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034188.D
Acq: 20 Feb 2023 15:24

Tgt Ion: 75 Resp: 119696
Ion Ratio Lower Upper
75 100
53 0.1 83.0 124.6#
89 0.0 37.7 56.5#

