

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022323\
 Data File : VX034251.D
 Acq On : 23 Feb 2023 16:15
 Operator : JC/MD
 Sample : 01576-01 20X
 Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-BAGFILTER-20220215

Quant Time: Feb 23 21:47:00 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	283224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165430	43.370	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.740%
35) Dibromofluoromethane	5.385	113	143035	47.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	8.647	98	555301	51.135	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.280%
62) 4-Bromofluorobenzene	11.079	95	187622	45.169	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.416	85	48	0.020	ug/l #	43
3) Chloromethane	1.295	50	166	0.047	ug/l #	72
4) Vinyl Chloride	1.374	62	29	0.009	ug/l #	1
5) Bromomethane	1.599	94	531	Below Cal		81
6) Chloroethane	1.685	64	206	0.128	ug/l #	63
7) Trichlorofluoromethane	1.886	101	19	0.004	ug/l #	14
8) Diethyl Ether	2.124	74	21	0.012	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.325	101	50	0.016	ug/l #	72
10) Methyl Iodide	2.459	142	115	0.031	ug/l #	67
11) Tert butyl alcohol	2.941	59	8754	10.261	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	52	0.017	ug/l #	1
13) Acrolein	2.252	56	145	0.372	ug/l #	14
14) Allyl chloride	2.654	41	165	0.025	ug/l #	63
15) Acrylonitrile	3.093	53	46	0.025	ug/l #	18
16) Acetone	2.386	43	1412	0.718	ug/l #	87
17) Carbon Disulfide	2.508	76	874	0.099	ug/l #	76
18) Methyl Acetate	2.697	43	136	0.022	ug/l #	53
19) Methyl tert-butyl Ether	2.953	73	507	0.047	ug/l #	59
20) Methylene Chloride	2.794	84	1527	0.431	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	20	0.006	ug/l #	1
23) Vinyl Acetate	3.715	43	74	0.008	ug/l #	72
25) 2-Butanone	4.532	43	214	0.075	ug/l #	51
26) 2,2-Dichloropropane	4.544	77	229	0.040	ug/l #	52
29) Tetrahydrofuran	4.995	42	125	0.072	ug/l #	34
31) Cyclohexane	5.550	56	5582	0.980	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20557	4.596	ug/l #	48
37) Ethyl Acetate	4.721	43	135	0.027	ug/l #	68
38) Carbon Tetrachloride	5.550	117	27391	5.951	ug/l #	16
41) Methacrylonitrile	4.910	41	87	0.031	ug/l #	35
42) 1,2-Dichloroethane	6.105	62	365	0.078	ug/l #	73
43) Isopropyl Acetate	6.330	43	152	0.017	ug/l #	61
45) 1,2-Dichloropropane	7.415	63	41	0.012	ug/l #	44
48) Methyl methacrylate	7.708	41	106	0.025	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	159	0.033	ug/l #	36
52) Toluene	8.726	92	116	0.014	ug/l #	59
53) t-1,3-Dichloropropene	8.982	75	48	0.009	ug/l #	43

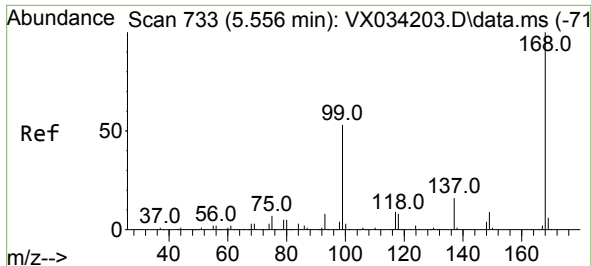
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022323\
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Instrument :
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Quant Time: Feb 23 21:47:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	9.025	69	22	0.004	ug/l #	1
59) 2-Hexanone	9.445	43	84	0.023	ug/l #	24
64) Tetrachloroethene	9.275	164	82	0.028	ug/l #	26
65) Chlorobenzene	10.080	112	41	0.005	ug/l #	42
67) Ethyl Benzene	10.201	91	259	0.017	ug/l	92
68) m/p-Xylenes	10.305	106	190	0.032	ug/l #	11
69) o-Xylene	10.646	106	51	0.009	ug/l #	13
70) Styrene	10.677	104	68	0.007	ug/l #	27
73) Isopropylbenzene	10.957	105	207	0.015	ug/l #	74
74) N-amyl acetate	10.860	43	216	0.031	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	11.220	83	24	0.005	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	92340	19.928	ug/l #	34
77) Bromobenzene	11.201	156	68	0.020	ug/l #	12
78) n-propylbenzene	11.305	91	334	0.020	ug/l #	51
79) 2-Chlorotoluene	11.366	91	235	0.023	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	196	0.017	ug/l #	51
81) trans-1,4-Dichloro-2-b...	11.079	75	92340	51.193	ug/l #	8
82) 4-Chlorotoluene	11.445	91	41	0.004	ug/l #	43
83) tert-Butylbenzene	11.719	119	134	0.011	ug/l #	76
84) 1,2,4-Trimethylbenzene	11.750	105	240	0.020	ug/l	100
85) sec-Butylbenzene	11.884	105	219	0.015	ug/l #	54
86) p-Isopropyltoluene	12.018	119	284	0.023	ug/l #	1
87) 1,3-Dichlorobenzene	11.969	146	66	0.010	ug/l #	1
88) 1,4-Dichlorobenzene	12.036	146	409	0.064	ug/l #	1
89) n-Butylbenzene	12.341	91	271	0.025	ug/l #	63
90) Hexachloroethane	12.536	117	23	0.009	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.591	180	106	0.027	ug/l	88
95) Naphthalene	13.786	128	1155	0.086	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.963	180	85	0.022	ug/l #	78

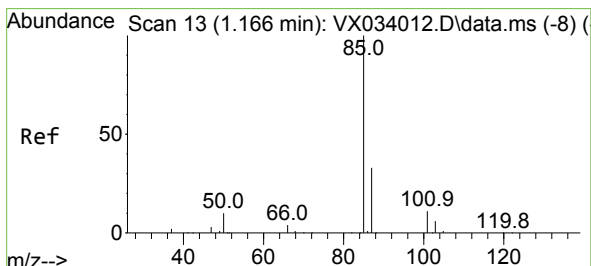
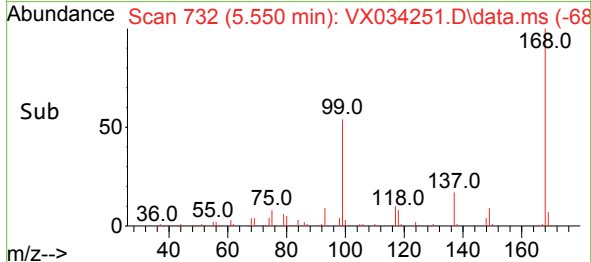
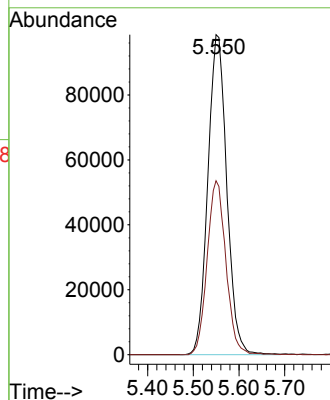
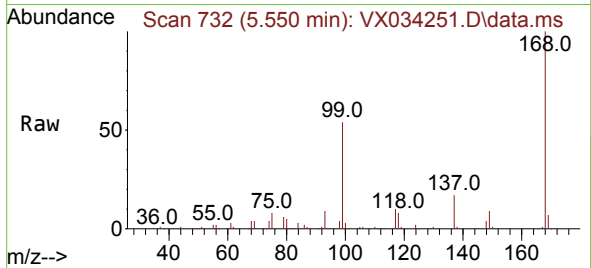
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

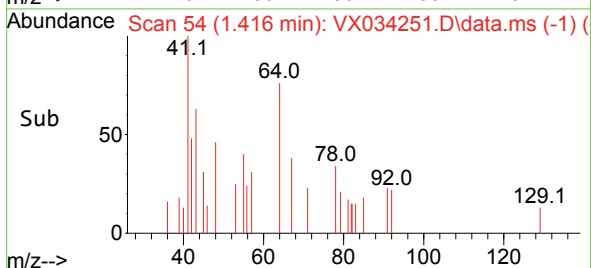
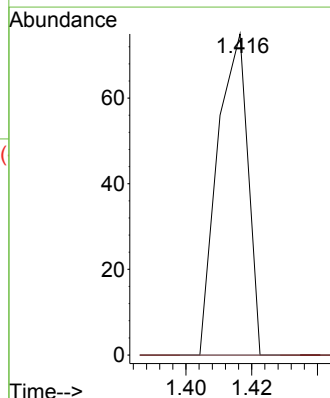
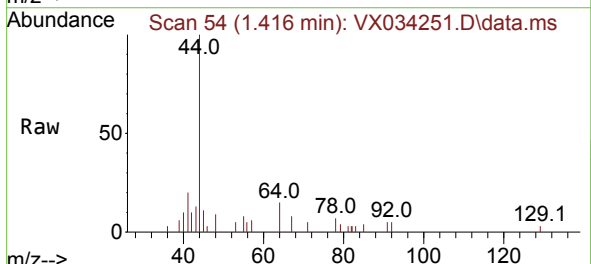
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

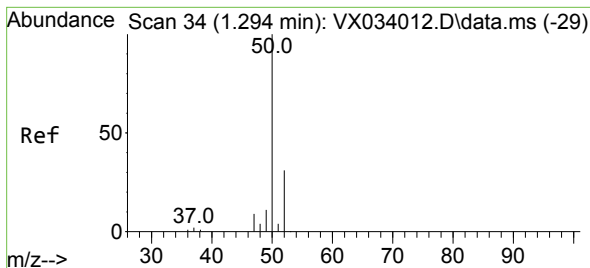
Tgt Ion:168 Resp: 283224
Ion Ratio Lower Upper
168 100
99 54.4 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 0.020 ug/l
RT: 1.416 min Scan# 54
Delta R.T. 0.250 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 85 Resp: 48
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#





#3

Chloromethane

Concen: 0.047 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

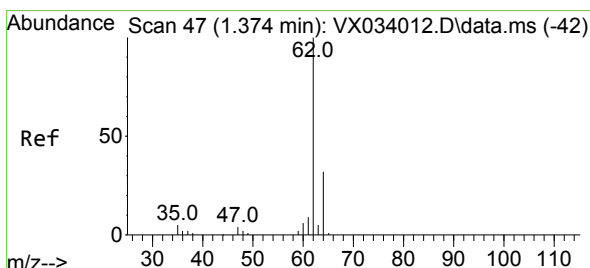
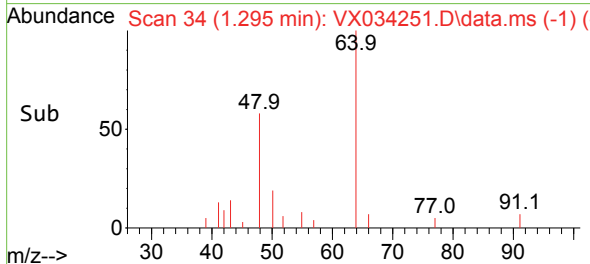
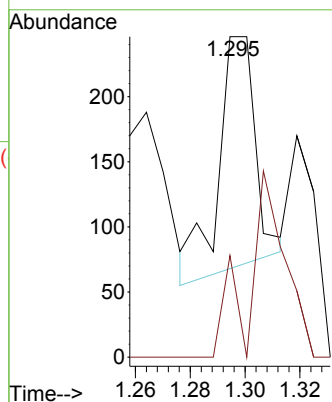
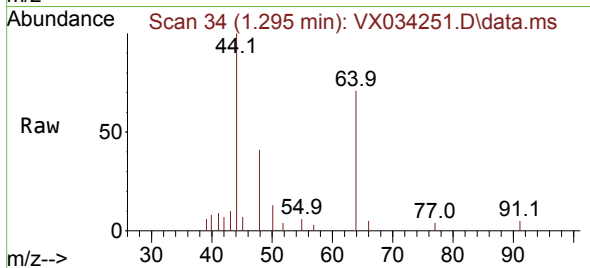
RE137-BAGFILTER-20220215

Tgt Ion: 50 Resp: 166

Ion Ratio Lower Upper

50 100

52 47.3 25.2 37.8#



#4

Vinyl Chloride

Concen: 0.009 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034251.D

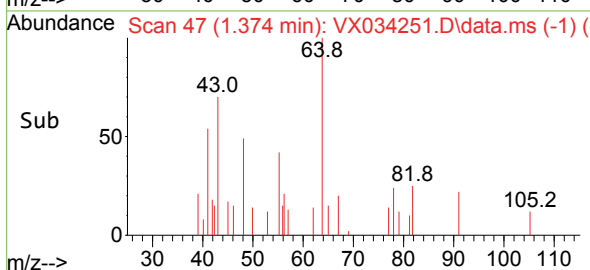
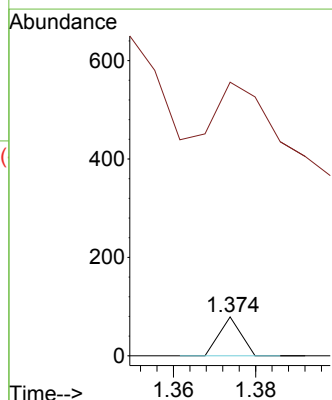
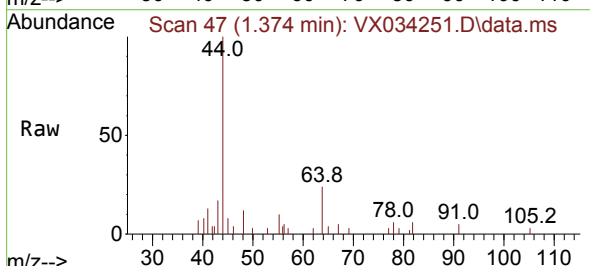
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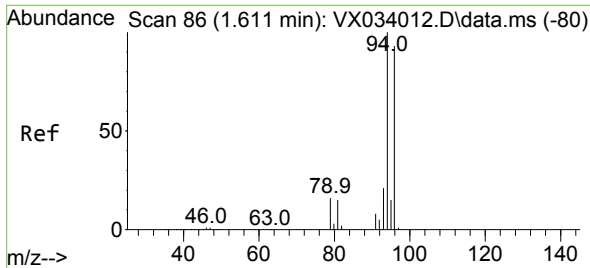
Tgt Ion: 62 Resp: 29

Ion Ratio Lower Upper

62 100

64 153.2 26.2 39.4#

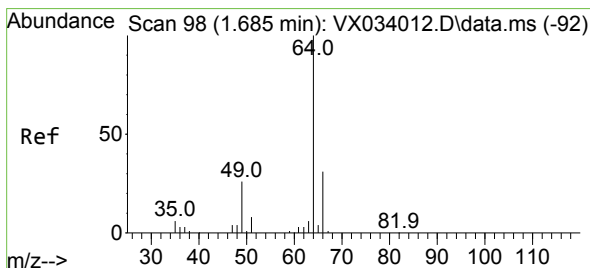
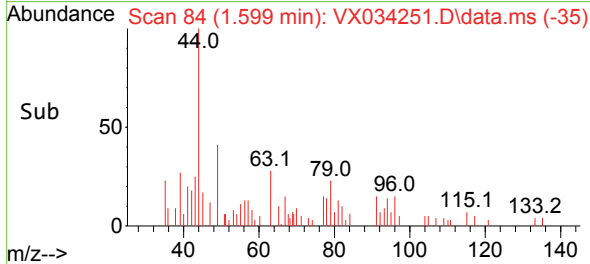
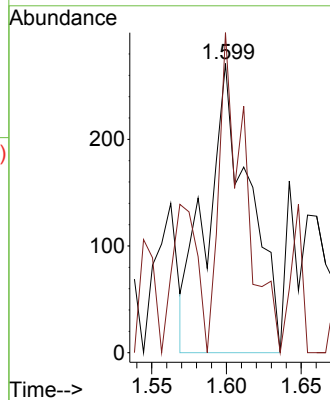
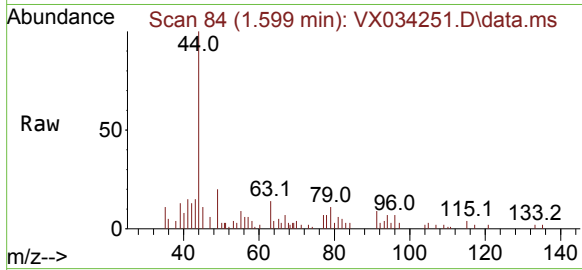




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

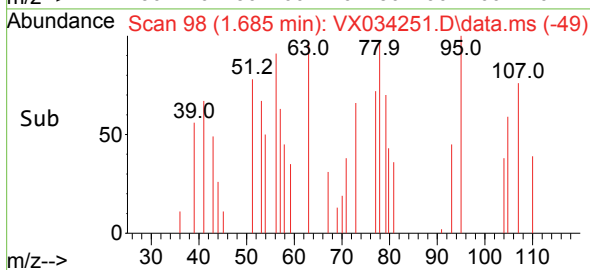
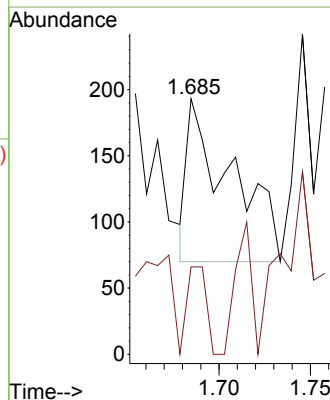
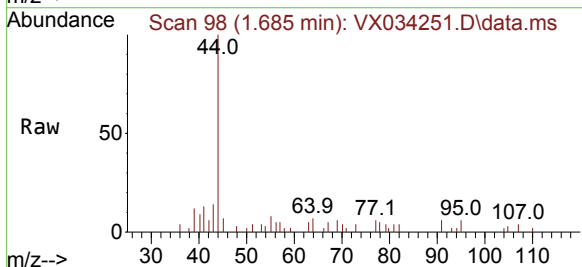
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

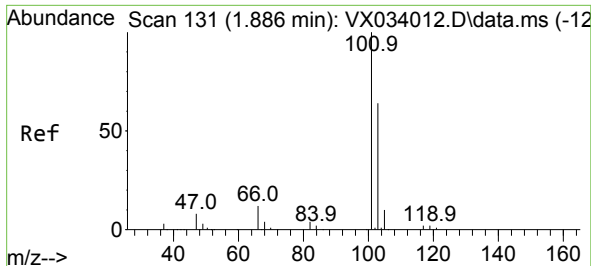
Tgt Ion: 94 Resp: 531
Ion Ratio Lower Upper
94 100
96 110.7 74.3 111.5



#6
Chloroethane
Concen: 0.128 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 64 Resp: 206
Ion Ratio Lower Upper
64 100
66 53.7 26.1 39.1#

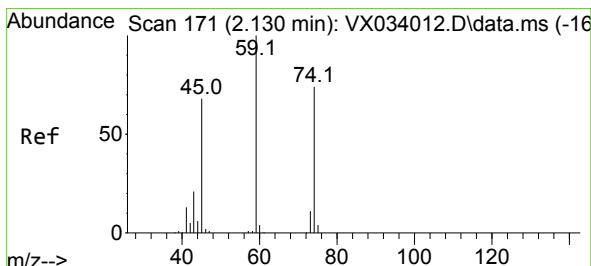
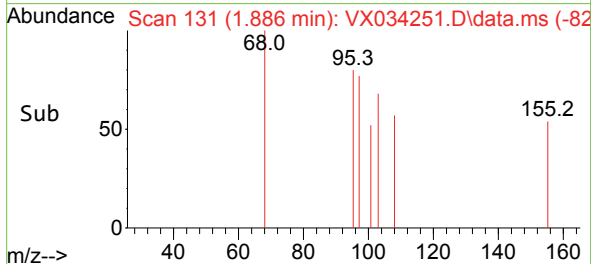
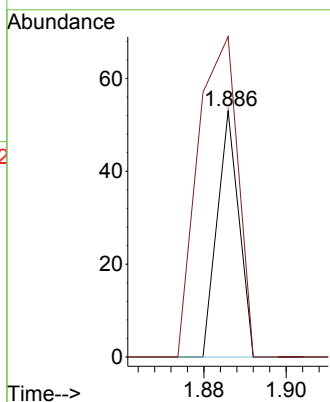
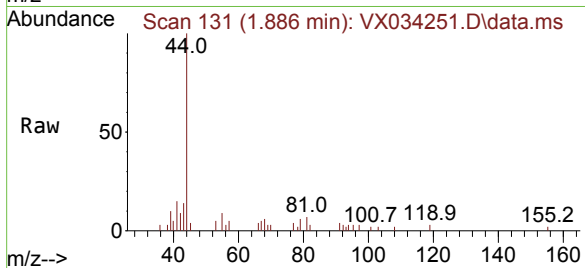




#7
Trichlorofluoromethane
Concen: 0.004 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

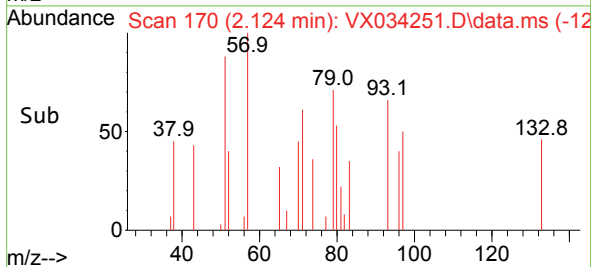
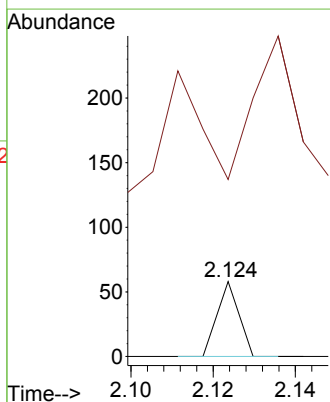
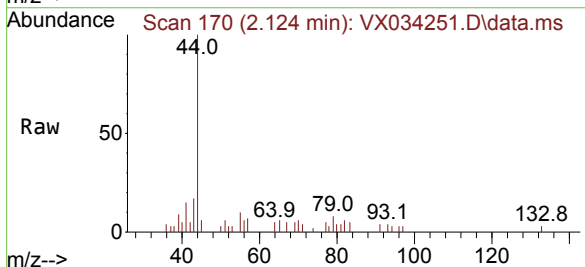
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ClientSampleId :
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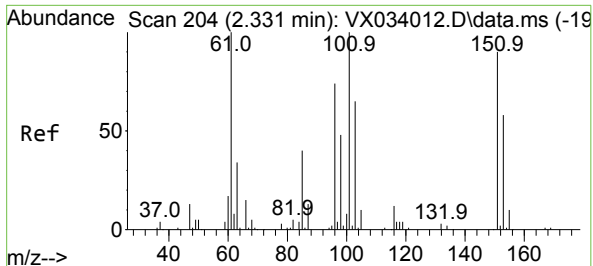
Tgt Ion:101 Resp: 19
Ion Ratio Lower Upper
101 100
103 130.2 50.6 75.8#



#8
Diethyl Ether
Concen: 0.012 ug/l
RT: 2.124 min Scan# 170
Delta R.T. -0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 74 Resp: 21
Ion Ratio Lower Upper
74 100
45 909.5 51.5 154.5#

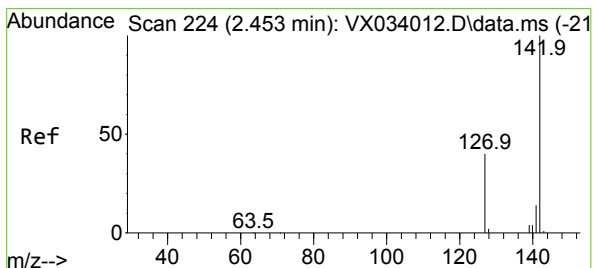
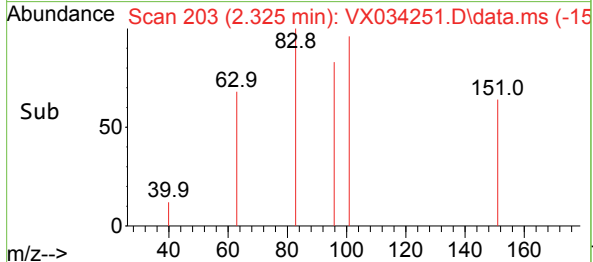
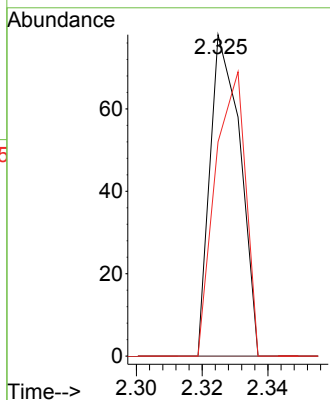
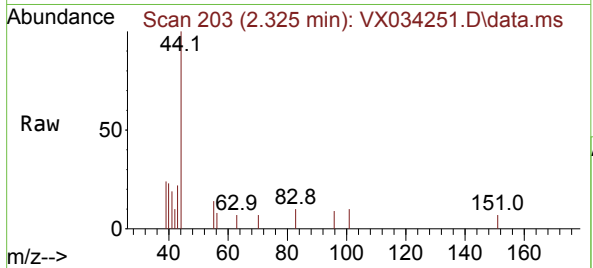




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.016 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

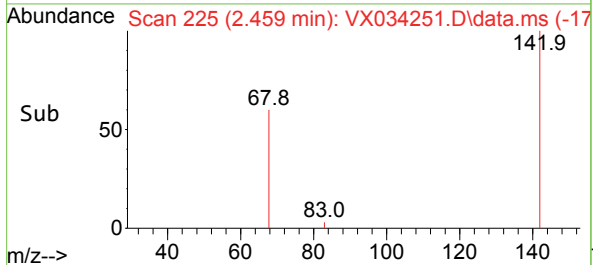
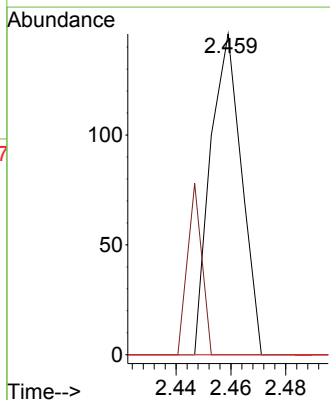
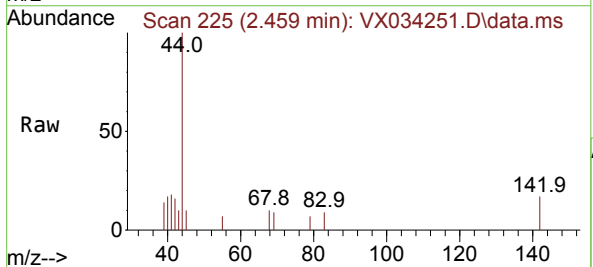
Instrument :
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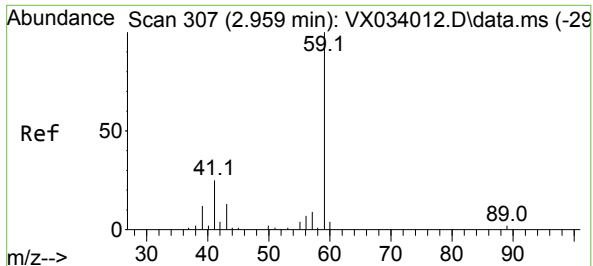
Tgt Ion:101 Resp: 50
Ion Ratio Lower Upper
101 100
85 0.0 36.7 55.1#
151 88.0 66.5 99.7



#10
Methyl Iodide
Concen: 0.031 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion:142 Resp: 115
Ion Ratio Lower Upper
142 100
127 25.2 37.3 55.9#
141 0.0 11.5 17.3#

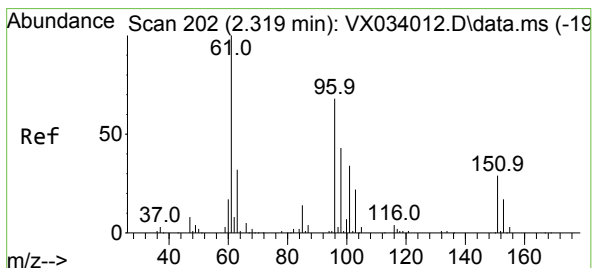
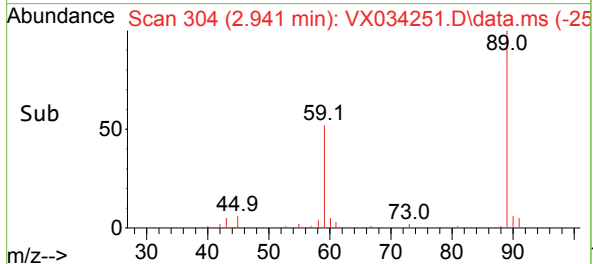
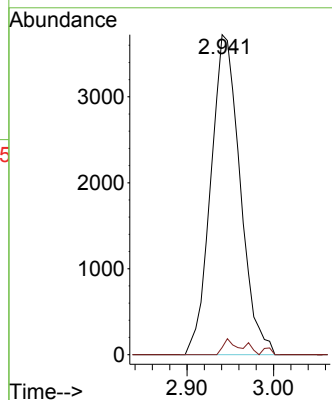
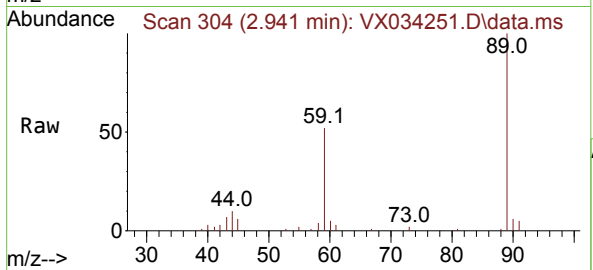




#11
Tert butyl alcohol
Concen: 10.261 ug/l
RT: 2.941 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

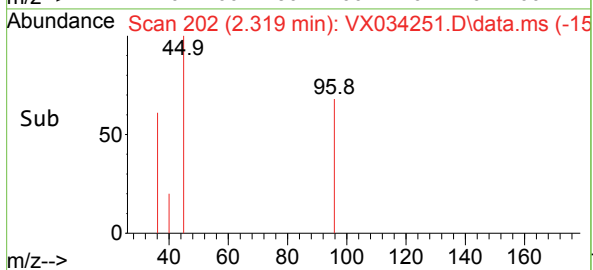
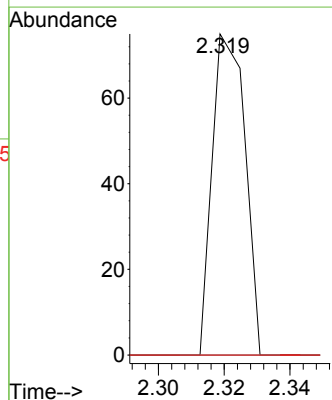
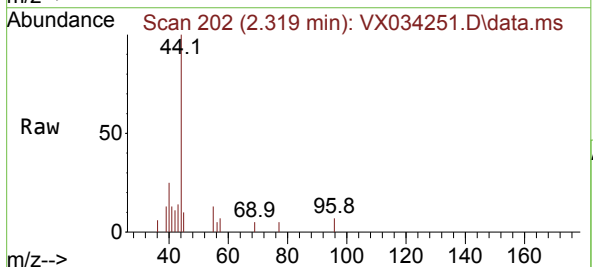
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

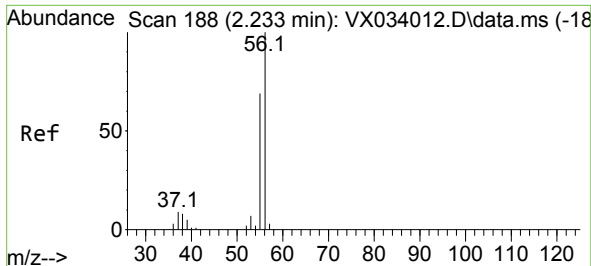
Tgt Ion: 59 Resp: 8754
Ion Ratio Lower Upper
59 100
57 3.0 3.7 5.5#



#12
1,1-Dichloroethene
Concen: 0.017 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 96 Resp: 52
Ion Ratio Lower Upper
96 100
61 0.0 134.2 201.4#
98 0.0 50.2 75.2#





#13

Acrolein

Concen: 0.372 ug/l

RT: 2.252 min Scan# 14

Delta R.T. 0.018 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

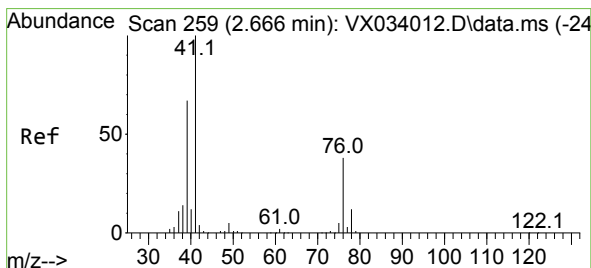
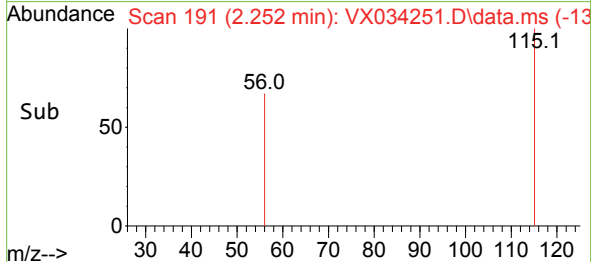
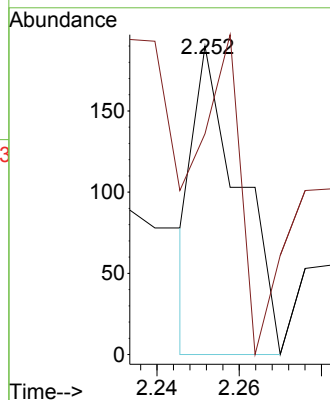
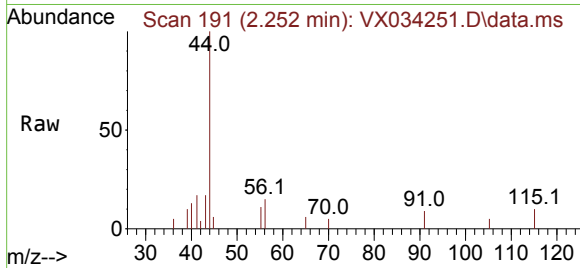
RE137-BAGFILTER-20220215

Tgt Ion: 56 Resp: 145

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#



#14

Allyl chloride

Concen: 0.025 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

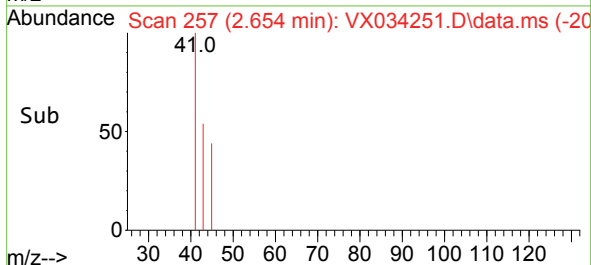
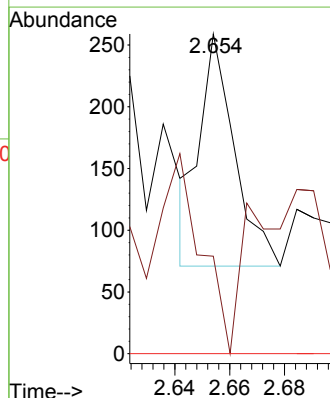
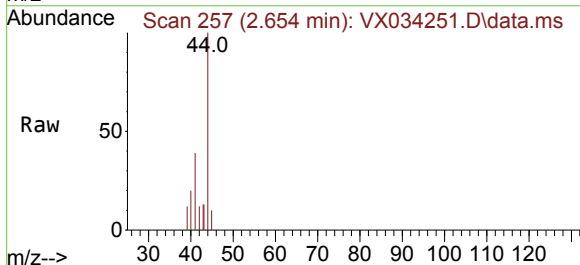
Tgt Ion: 41 Resp: 165

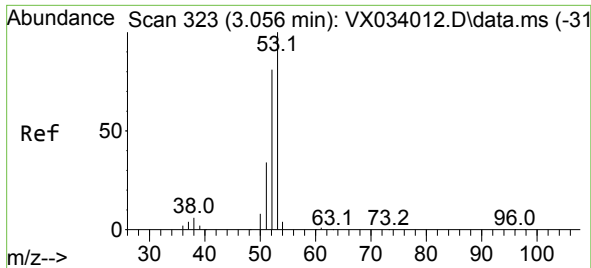
Ion Ratio Lower Upper

41 100

39 97.6 59.0 88.4#

76 0.0 24.6 37.0#

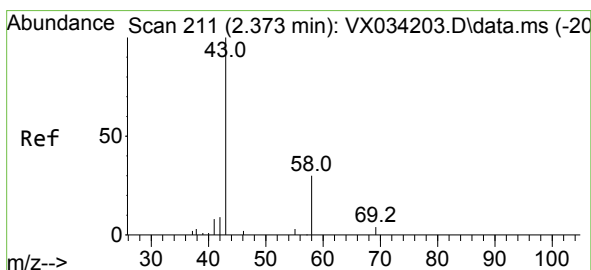
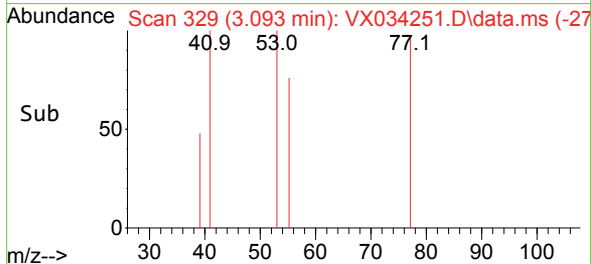
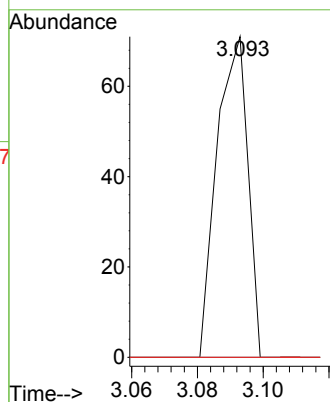
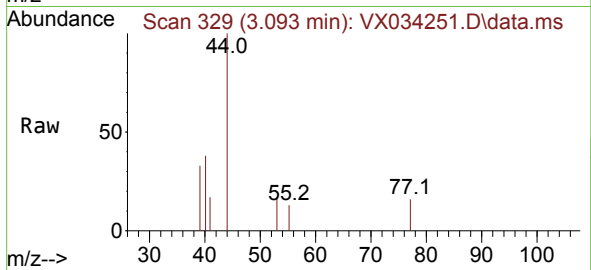




#15
Acrylonitrile
Concen: 0.025 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.037 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

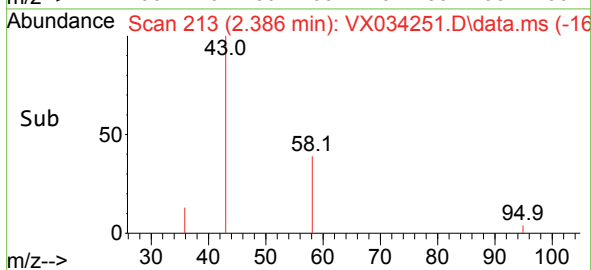
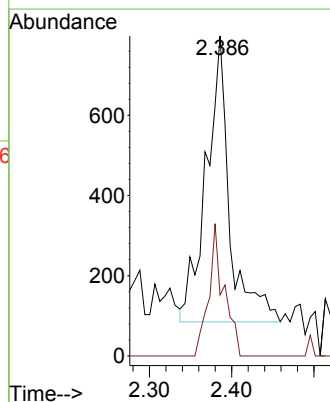
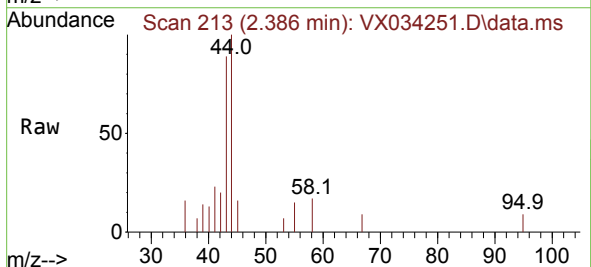
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

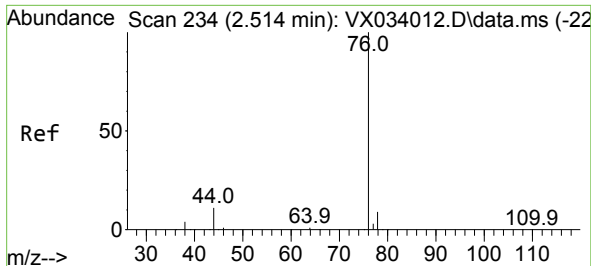
Tgt Ion: 53 Resp: 46
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 29.0 43.4#



#16
Acetone
Concen: 0.718 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
58 21.3 22.6 33.8#





#17

Carbon Disulfide

Concen: 0.099 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

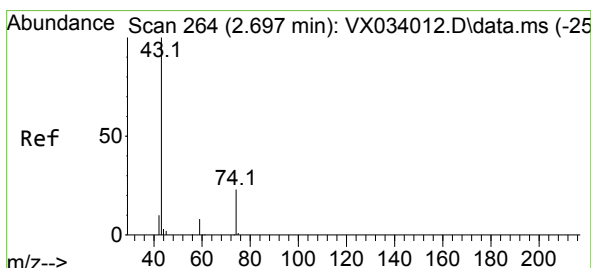
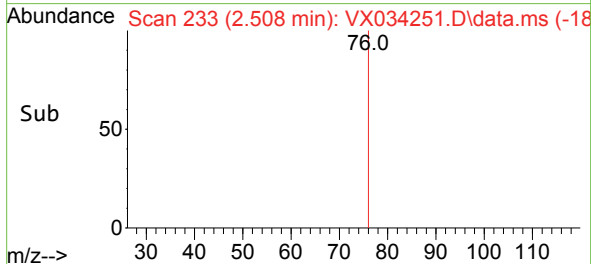
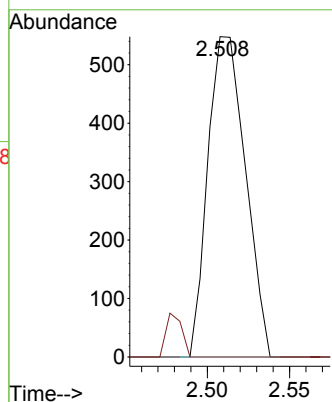
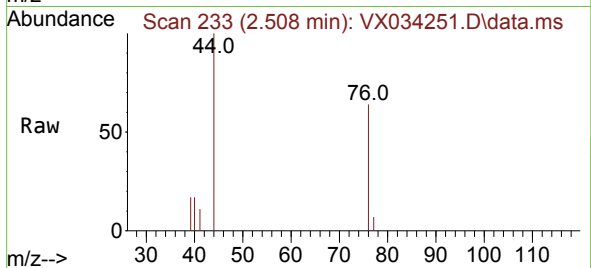
RE137-BAGFILTER-20220215

Tgt Ion: 76 Resp: 874

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.022 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX034251.D

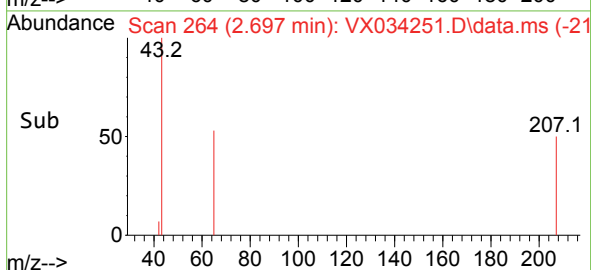
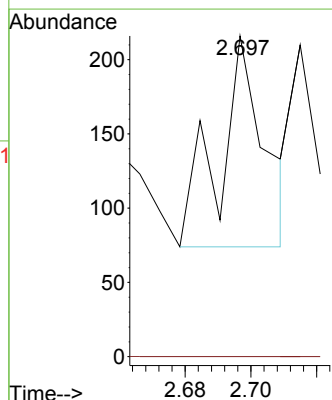
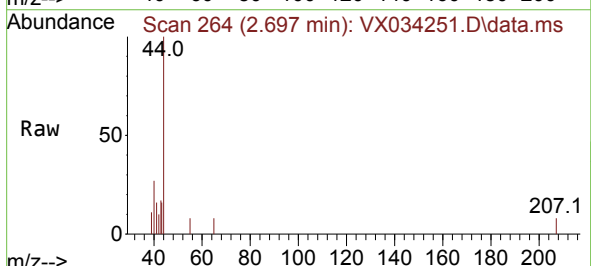
Acq: 23 Feb 2023 16:15

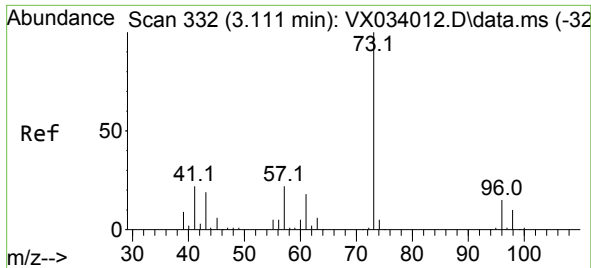
Tgt Ion: 43 Resp: 136

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.4#

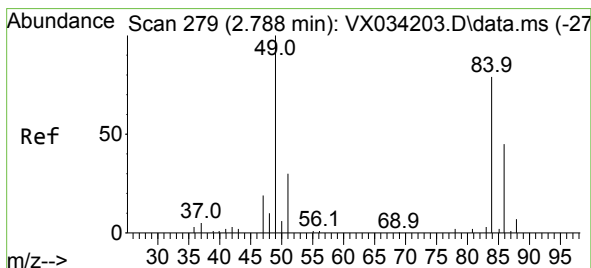
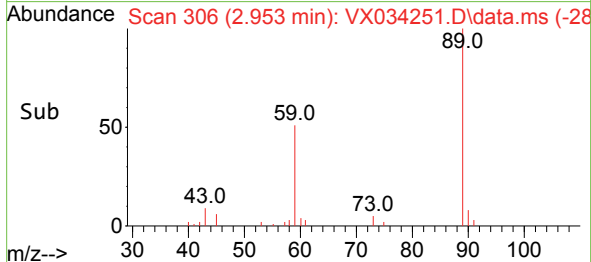
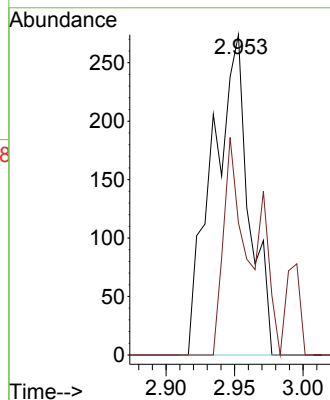
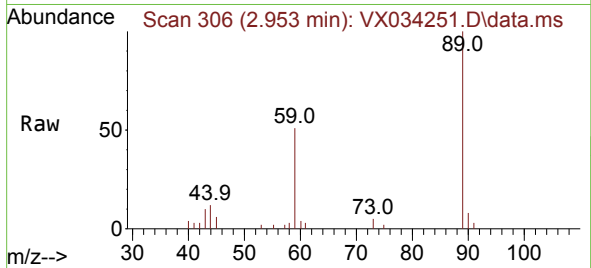




#19
Methyl tert-butyl Ether
Concen: 0.047 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.158 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

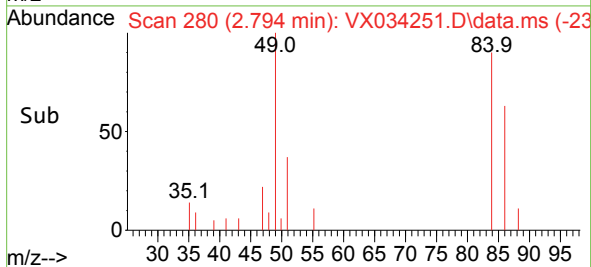
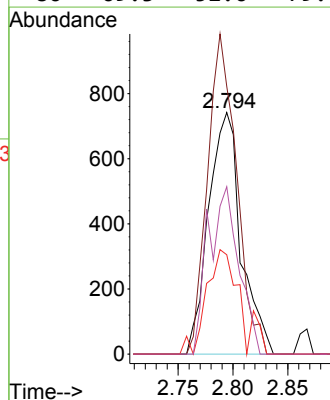
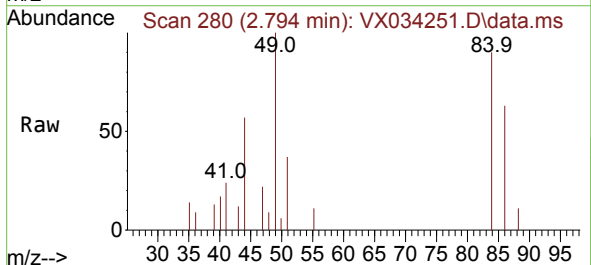
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

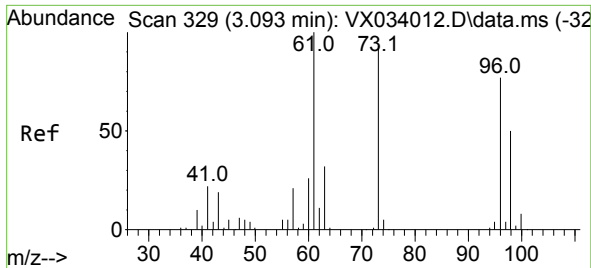
Tgt Ion: 73 Resp: 507
Ion Ratio Lower Upper
73 100
57 41.2 17.4 26.0#



#20
Methylene Chloride
Concen: 0.431 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 84 Resp: 1527
Ion Ratio Lower Upper
84 100
49 110.8 101.1 151.7
51 41.1 31.0 46.6
86 69.3 52.6 79.0

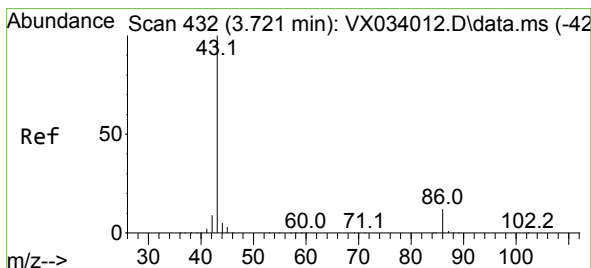
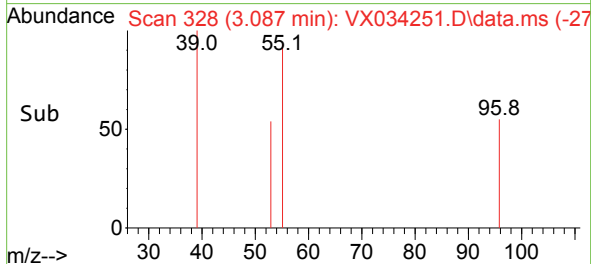
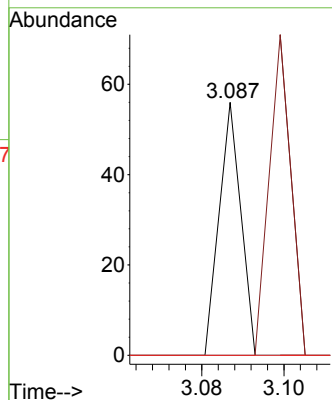
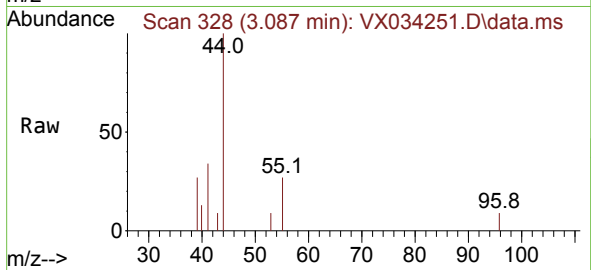




#21
trans-1,2-Dichloroethene
Concen: 0.006 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

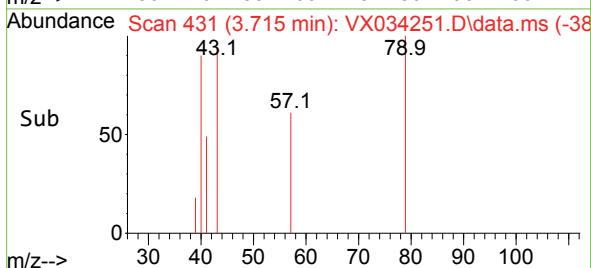
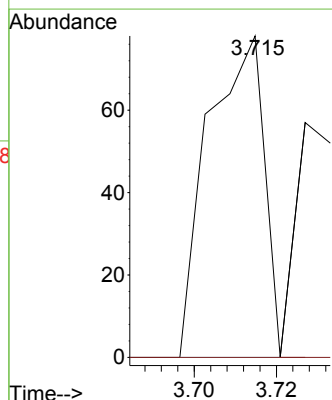
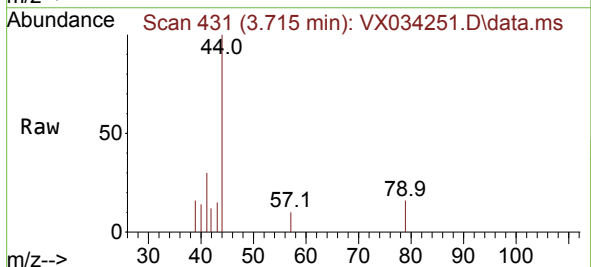
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

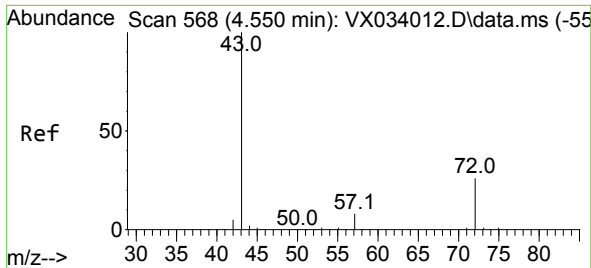
Tgt Ion: 96 Resp: 20
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 50.0 75.0#



#23
Vinyl Acetate
Concen: 0.008 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
86 0.0 8.4 12.6#

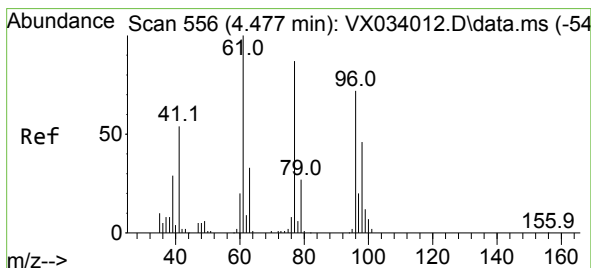
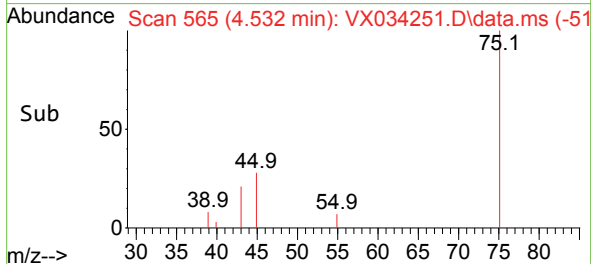
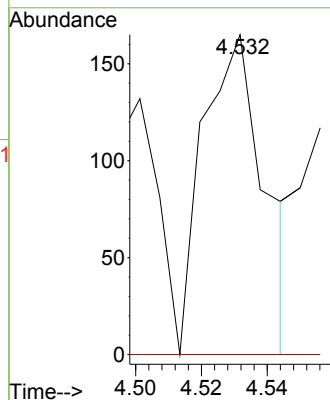
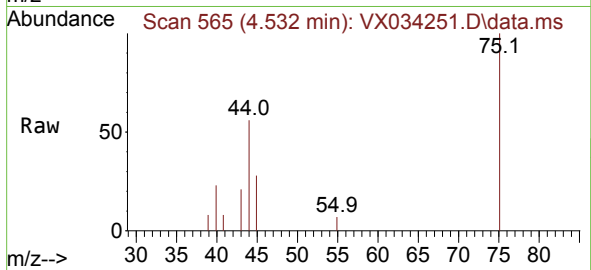




#25
2-Butanone
Concen: 0.075 ug/l
RT: 4.532 min Scan# 565
Delta R.T. -0.012 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

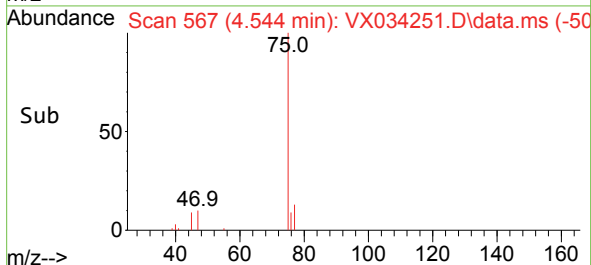
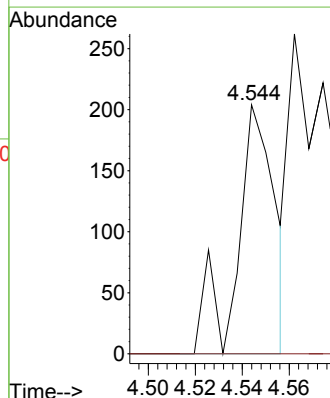
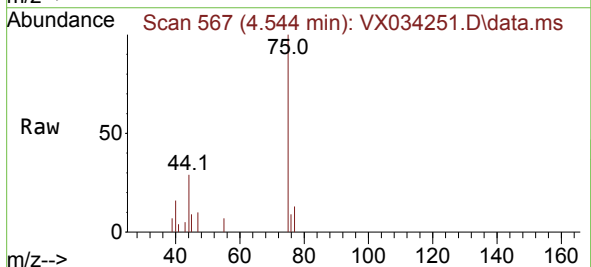
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

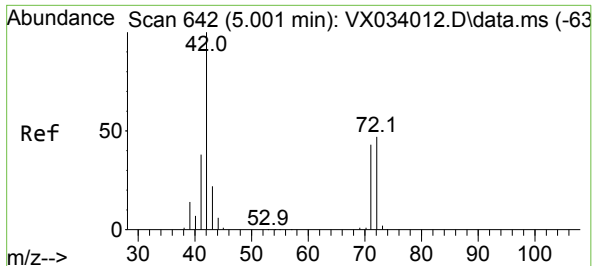
Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.040 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.073 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 77 Resp: 229
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.5#





#29

Tetrahydrofuran

Concen: 0.072 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

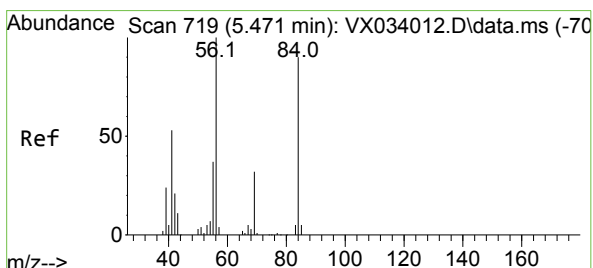
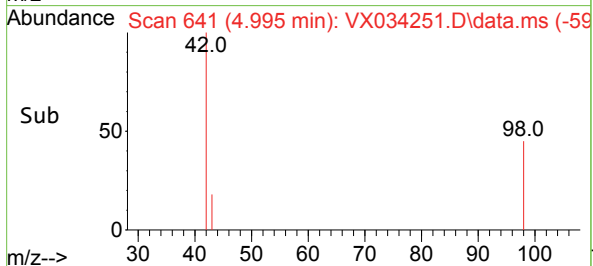
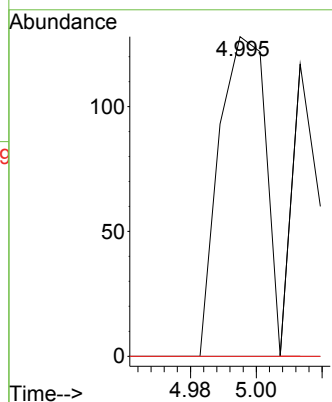
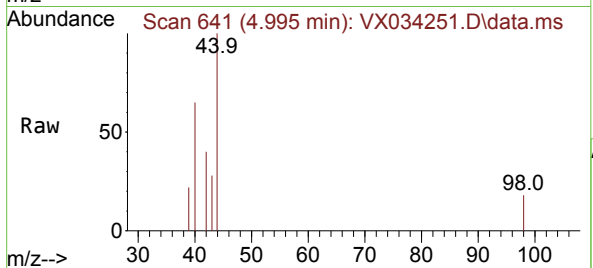
Instrument :

MSVOA_X

ClientSampleId :

RE137-BAGFILTER-20220215

Tgt Ion:	42	Resp:	125
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.8	52.2#
71	0.0	32.2	48.2#



#31

Cyclohexane

Concen: 0.980 ug/l

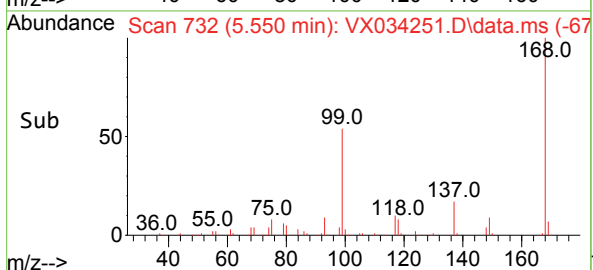
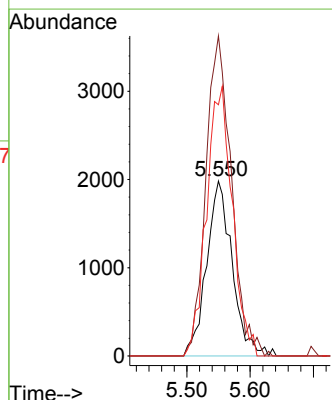
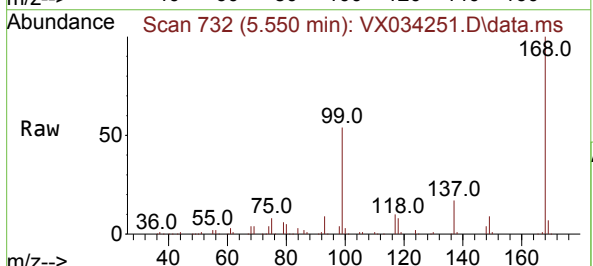
RT: 5.550 min Scan# 732

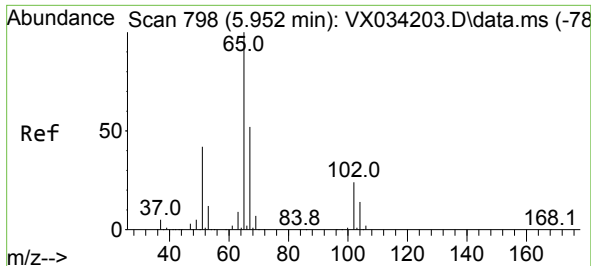
Delta R.T. 0.079 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

Tgt Ion:	56	Resp:	5582
Ion	Ratio	Lower	Upper
56	100		
69	182.9	24.6	37.0#
84	143.6	71.0	106.6#





#33

1,2-Dichloroethane-d4

Concen: 43.370 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

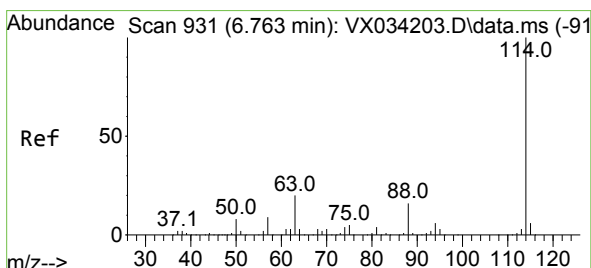
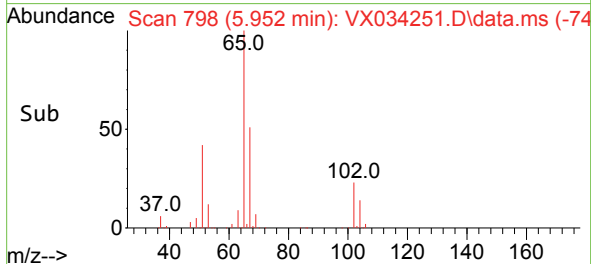
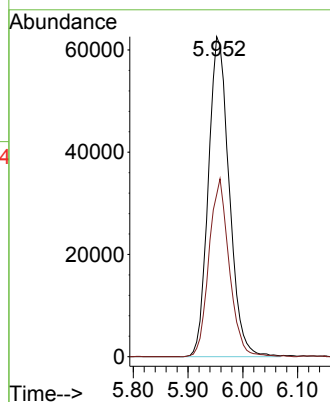
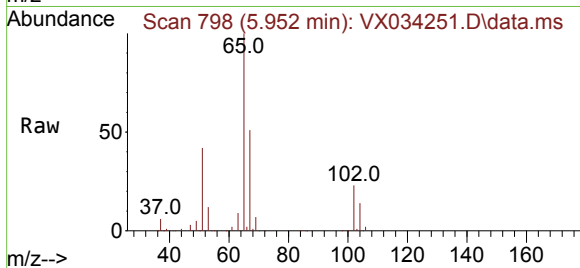
RE137-BAGFILTER-20220215

Tgt Ion: 65 Resp: 165430

Ion Ratio Lower Upper

65 100

67 54.0 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: VX034251.D

Acq: 23 Feb 2023 16:15

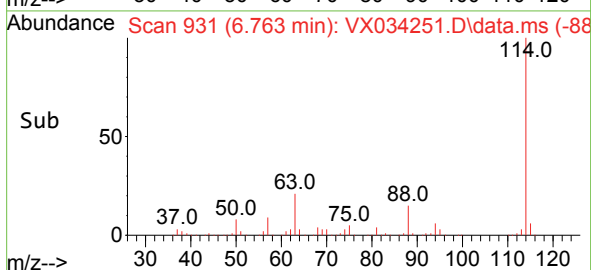
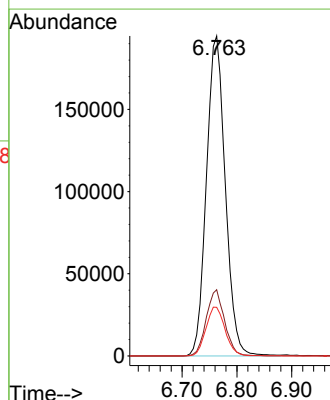
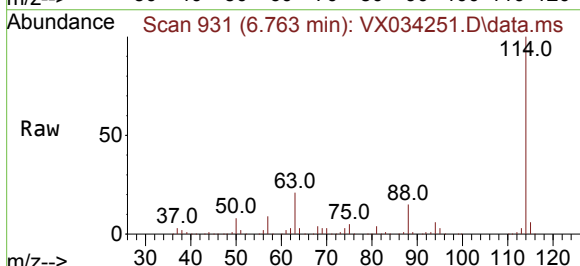
Tgt Ion: 114 Resp: 464543

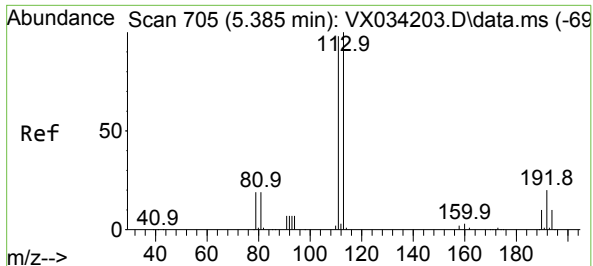
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.2 0.0 30.6

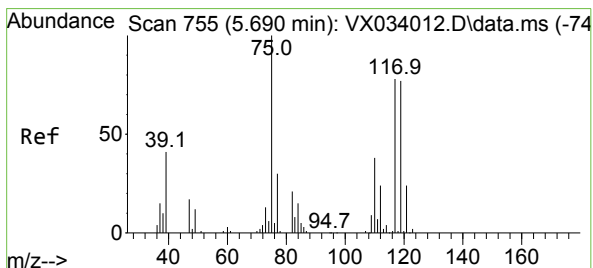
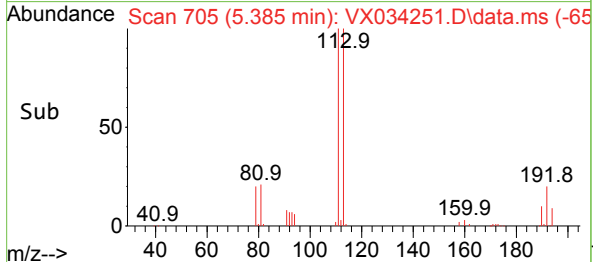
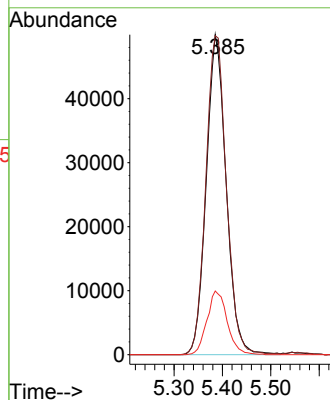
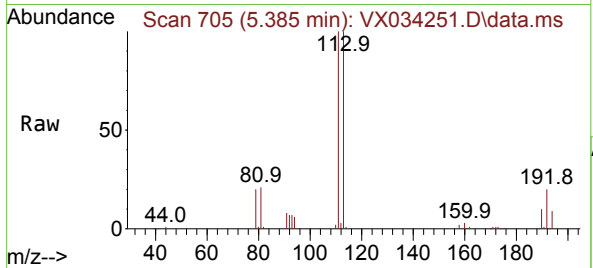




#35
 Dibromofluoromethane
 Concen: 47.290 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX034251.D
 Acq: 23 Feb 2023 16:15

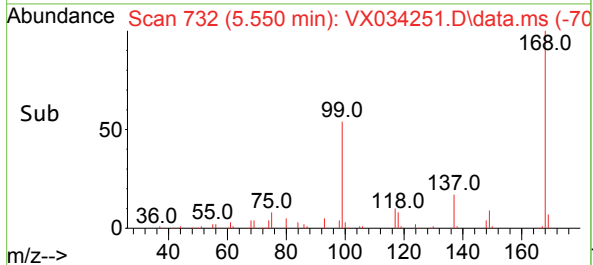
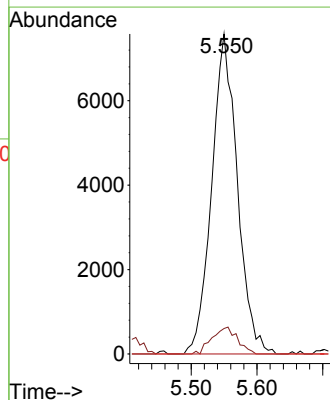
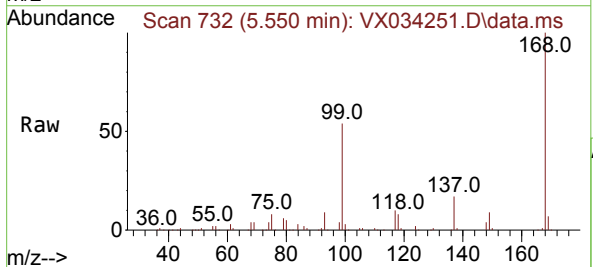
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-BAGFILTER-20220215

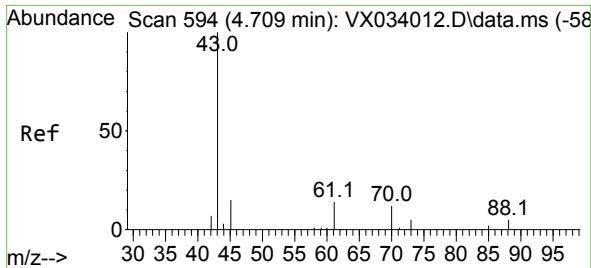
Tgt Ion:113 Resp: 143035
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.6
 192 20.2 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 4.596 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX034251.D
 Acq: 23 Feb 2023 16:15

Tgt Ion: 75 Resp: 20557
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.8 56.4#
 77 0.0 25.1 37.7#

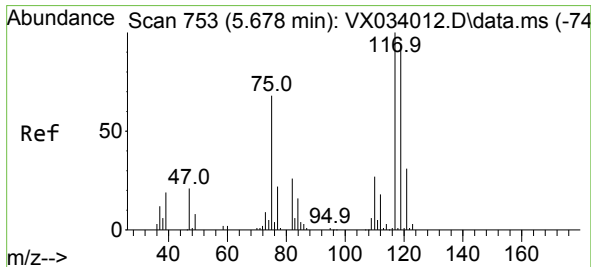
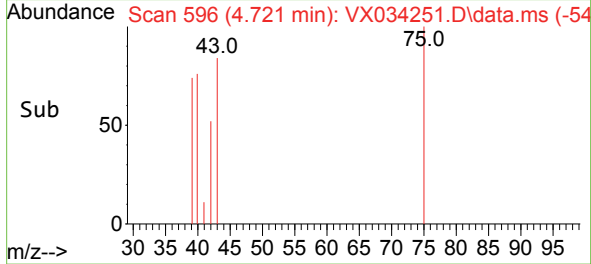
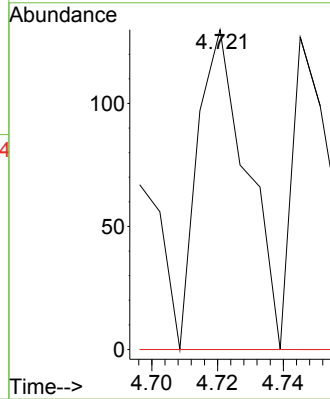
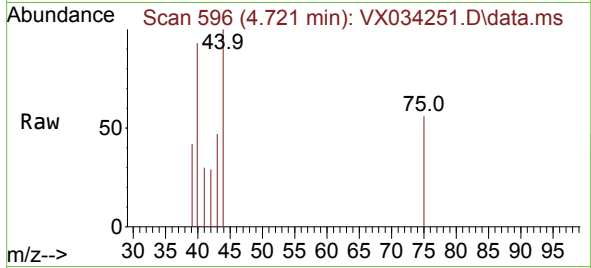




#37
Ethyl Acetate
Concen: 0.027 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

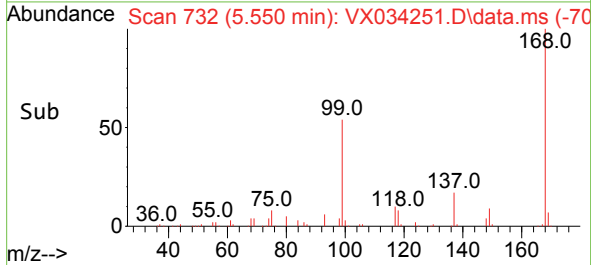
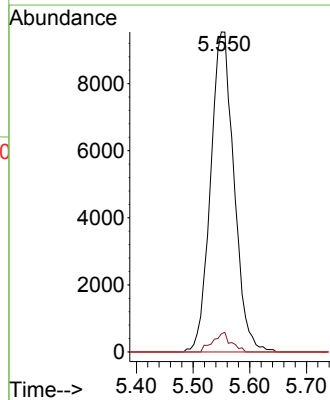
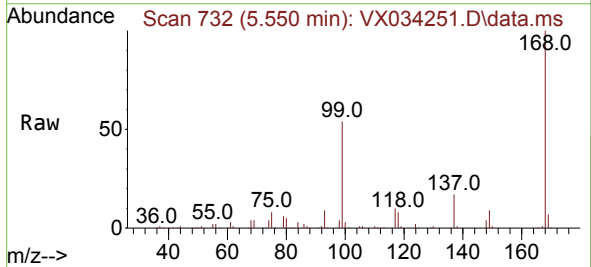
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

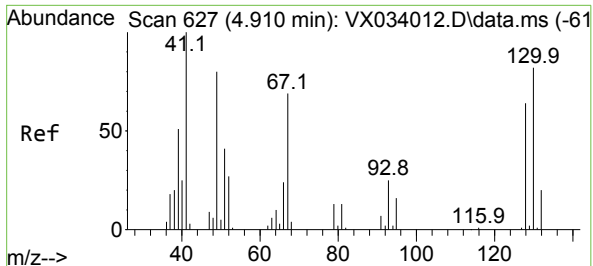
Tgt Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 5.951 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

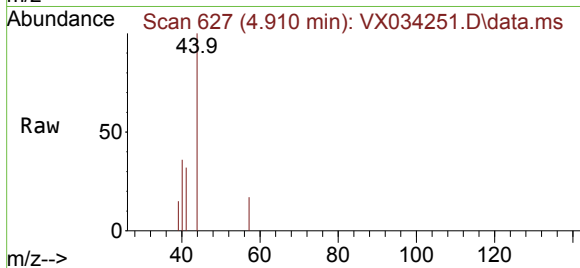
Tgt Ion: 117 Resp: 27391
Ion Ratio Lower Upper
117 100
119 5.6 78.0 117.0#
121 0.0 24.4 36.6#



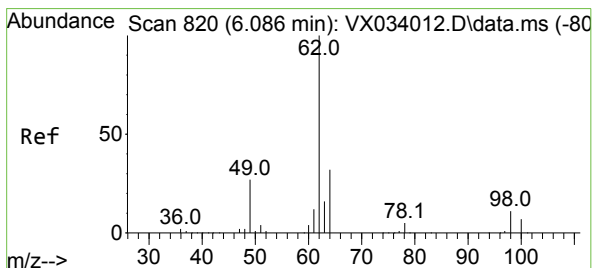
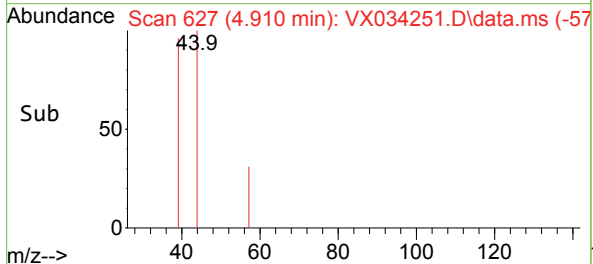
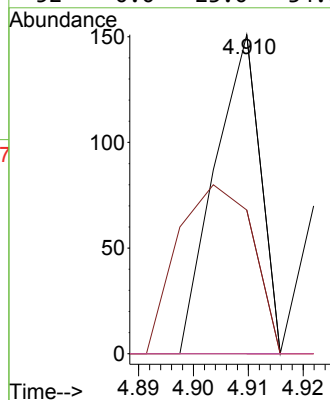


#41
Methacrylonitrile
Concen: 0.031 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

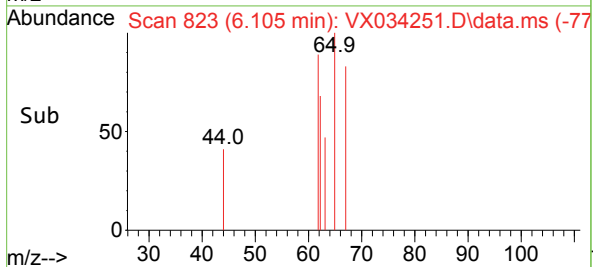
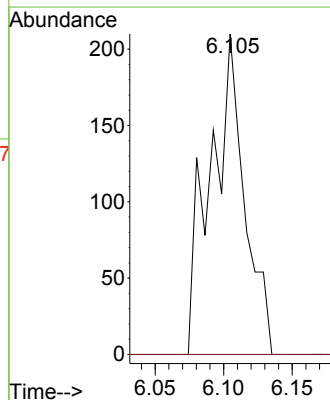
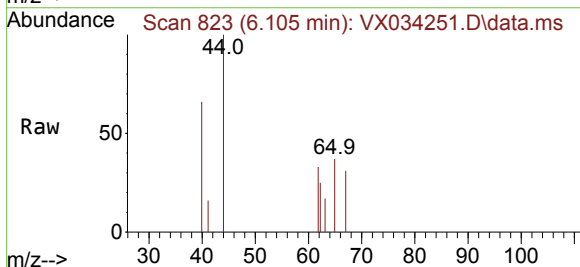


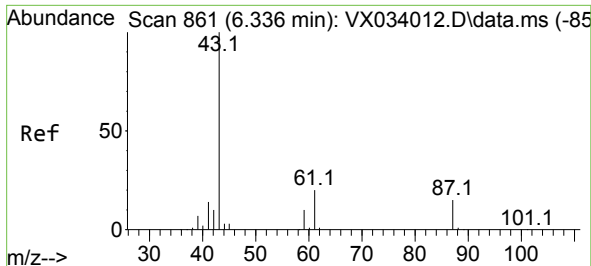
Tgt Ion:	41	Resp:	87
Ion	Ratio	Lower	Upper
41	100		
39	87.4	43.8	65.6#
67	0.0	54.8	82.2#
52	0.0	23.0	34.6#



#42
1,2-Dichloroethane
Concen: 0.078 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.019 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion:	62	Resp:	365
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2

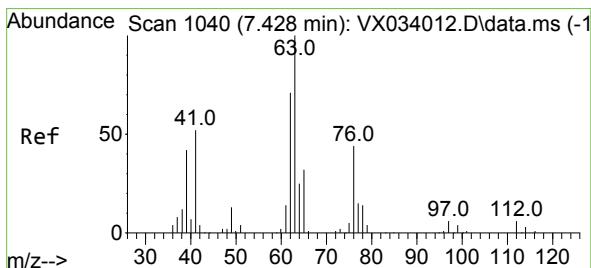
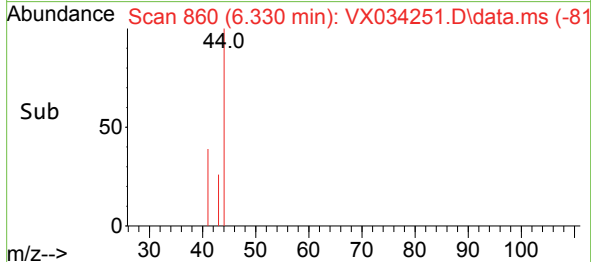
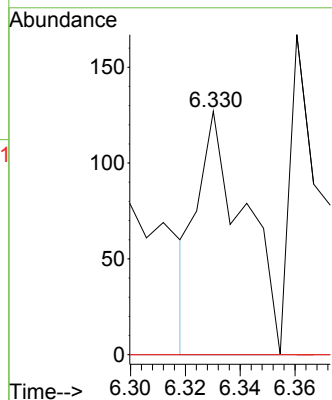
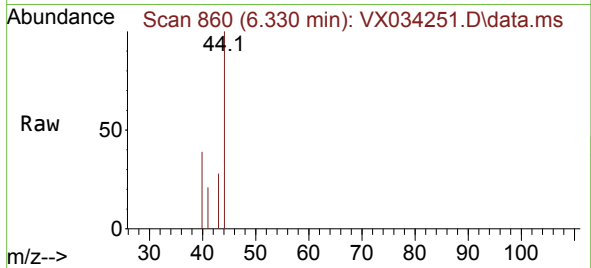




#43
Isopropyl Acetate
Concen: 0.017 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

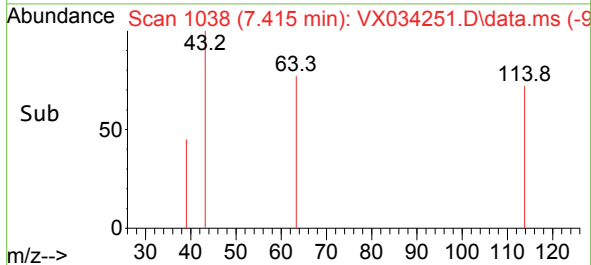
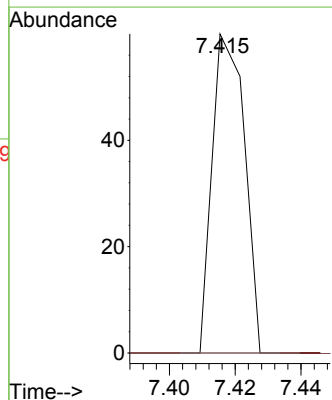
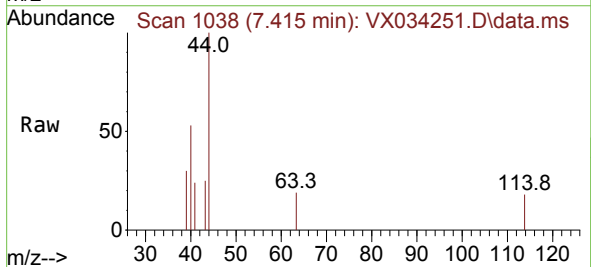
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

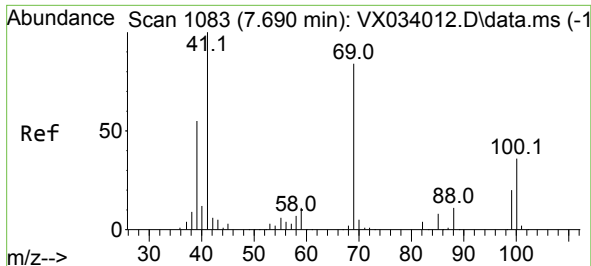
Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 0.0 10.6 15.8#



#45
1,2-Dichloropropane
Concen: 0.012 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.012 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 63 Resp: 41
Ion Ratio Lower Upper
63 100
65 0.0 24.2 36.2#





#48

Methyl methacrylate

Concen: 0.025 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

RE137-BAGFILTER-20220215

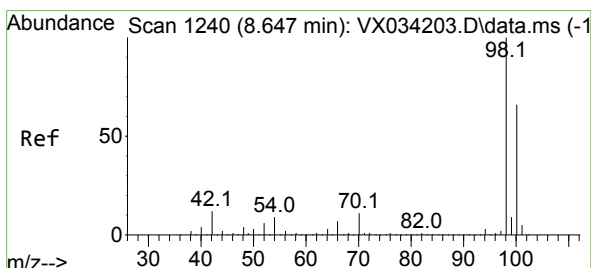
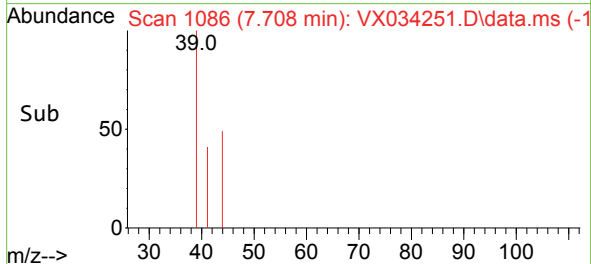
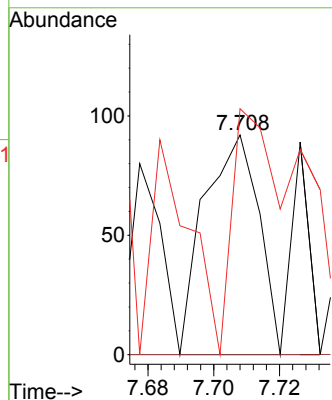
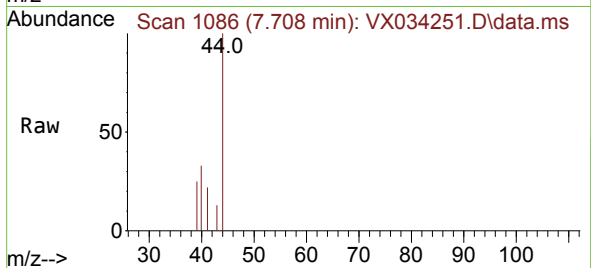
Tgt Ion: 41 Resp: 106

Ion Ratio Lower Upper

41 100

69 0.0 63.1 94.7#

39 142.5 43.2 64.8#



#50

Toluene-d8

Concen: 51.135 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034251.D

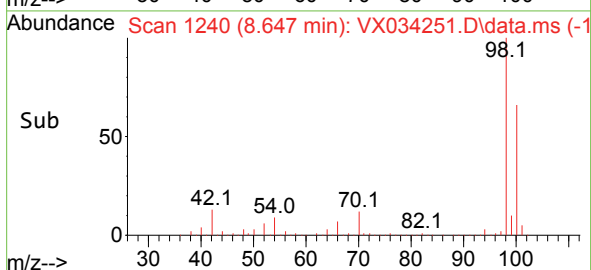
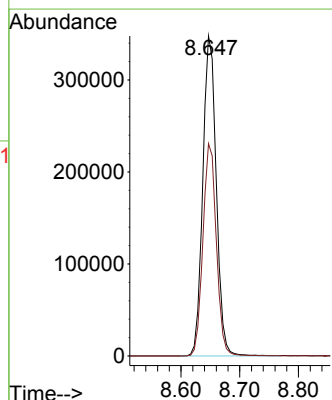
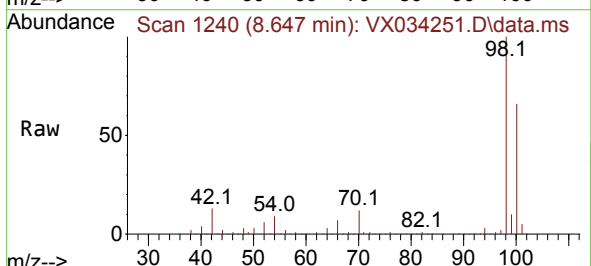
Acq: 23 Feb 2023 16:15

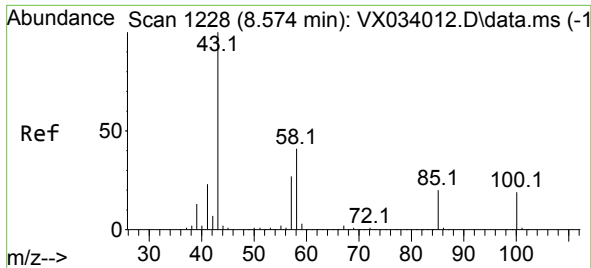
Tgt Ion: 98 Resp: 555301

Ion Ratio Lower Upper

98 100

100 66.2 53.6 80.4

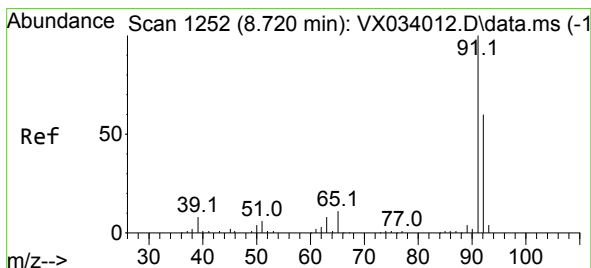
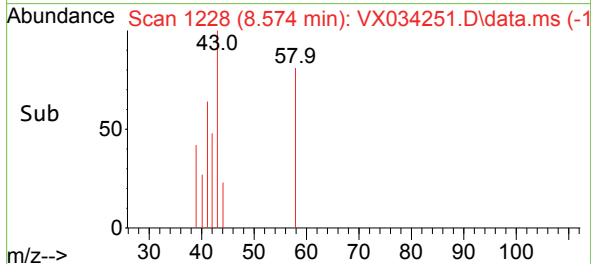
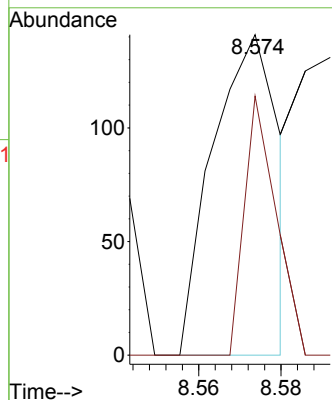
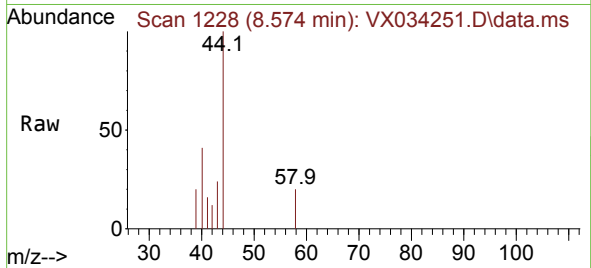




#51
4-Methyl-2-Pentanone
Concen: 0.033 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

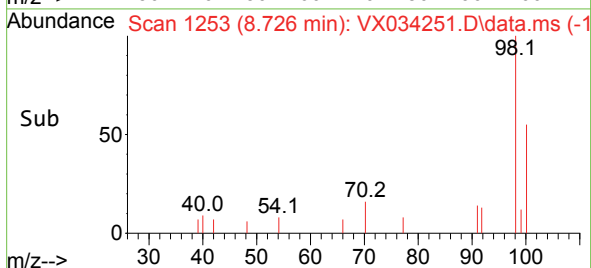
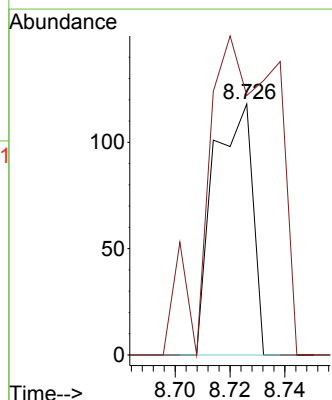
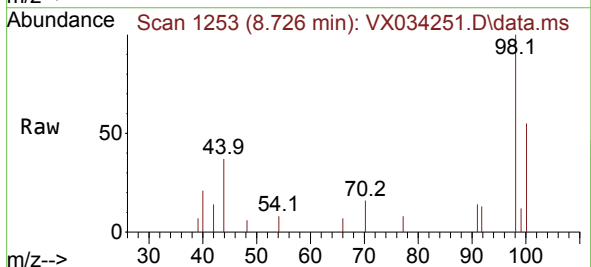
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

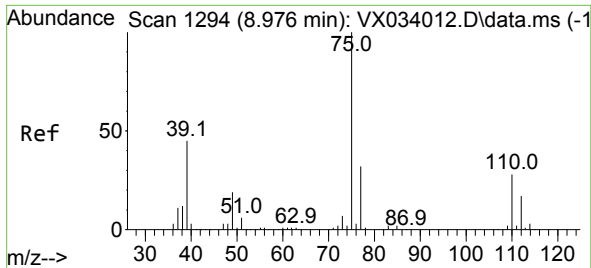
Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
58 0.0 31.2 46.8#



#52
Toluene
Concen: 0.014 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 92 Resp: 116
Ion Ratio Lower Upper
92 100
91 225.9 135.5 203.3#

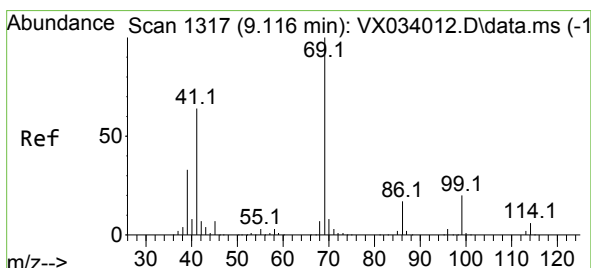
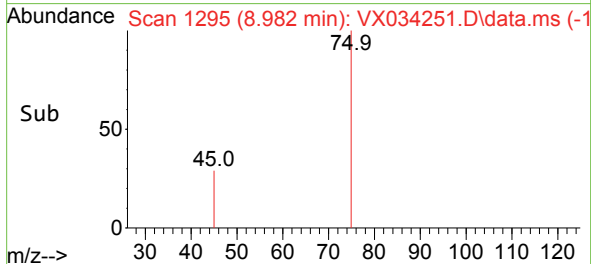
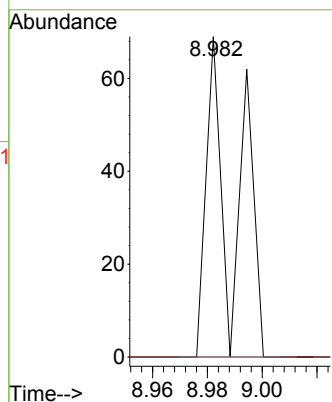
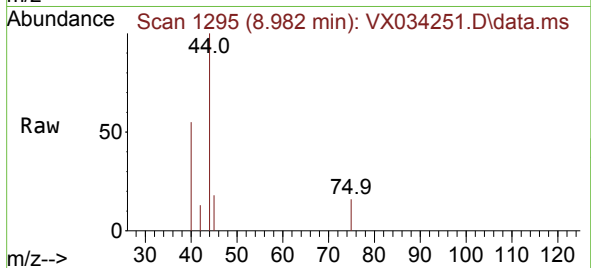




#53
t-1,3-Dichloropropene
Concen: 0.009 ug/l
RT: 8.982 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

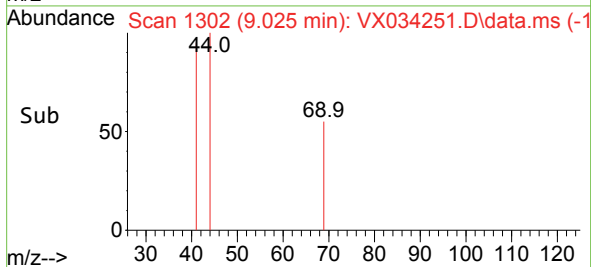
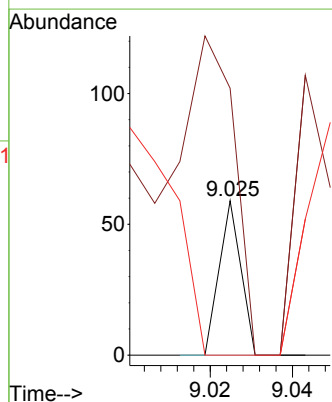
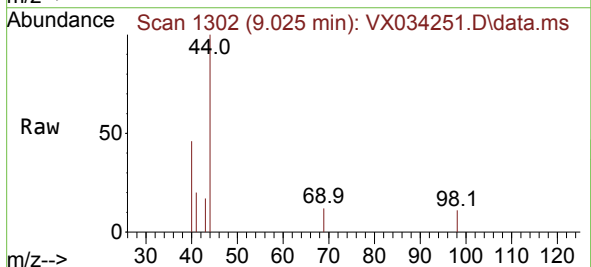
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

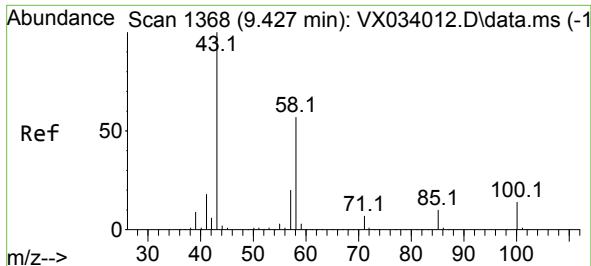
Tgt Ion: 75 Resp: 48
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#



#56
Ethyl methacrylate
Concen: 0.004 ug/l
RT: 9.025 min Scan# 1302
Delta R.T. -0.091 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 69 Resp: 22
Ion Ratio Lower Upper
69 100
41 495.5 55.1 82.7#
39 0.0 28.5 42.7#





#59

2-Hexanone

Concen: 0.023 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

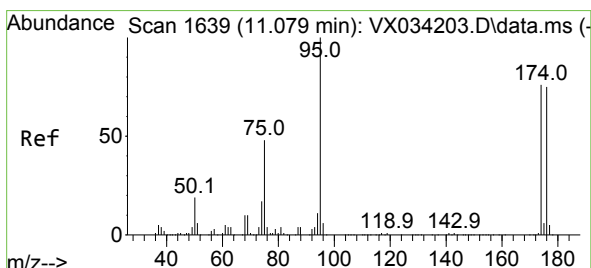
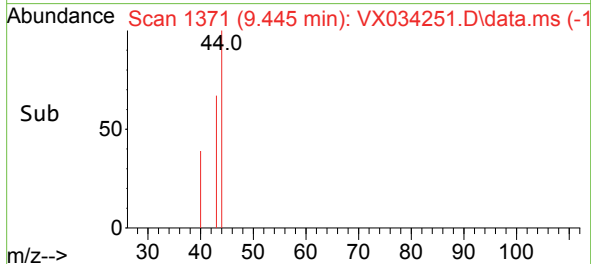
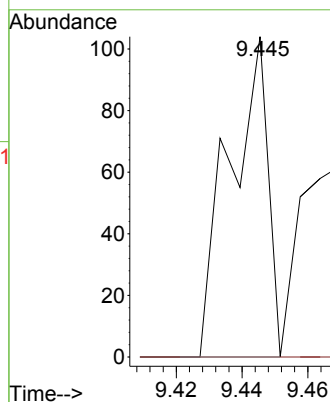
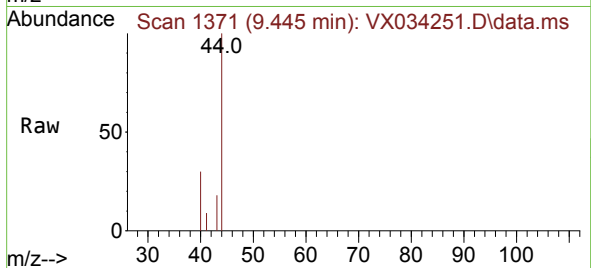
RE137-BAGFILTER-20220215

Tgt Ion: 43 Resp: 84

Ion Ratio Lower Upper

43 100

58 0.0 27.4 82.0#



#62

4-Bromofluorobenzene

Concen: 45.169 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

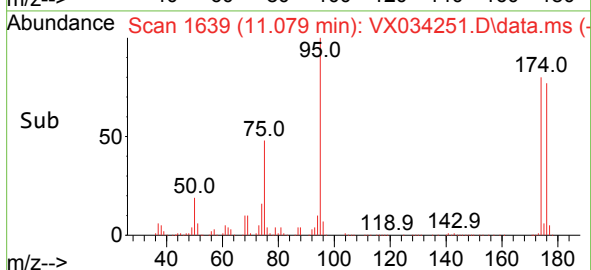
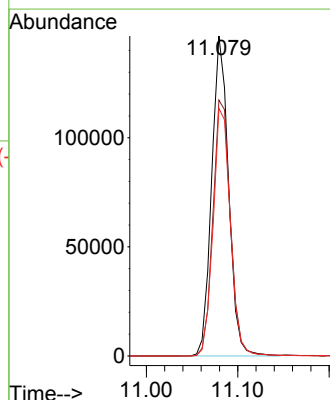
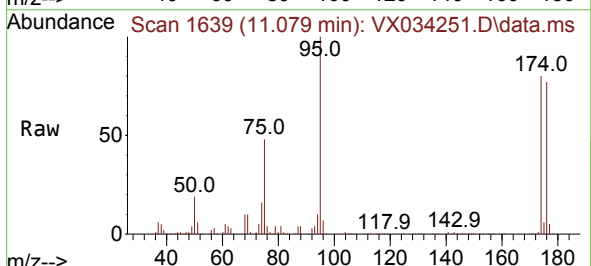
Tgt Ion: 95 Resp: 187622

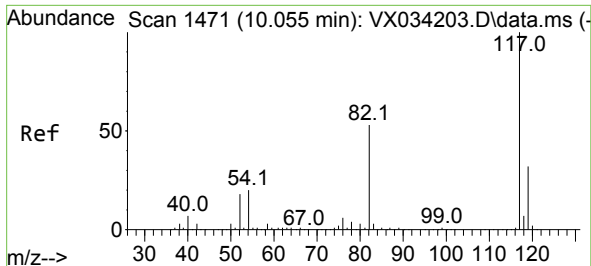
Ion Ratio Lower Upper

95 100

174 83.3 0.0 184.4

176 79.7 0.0 178.8

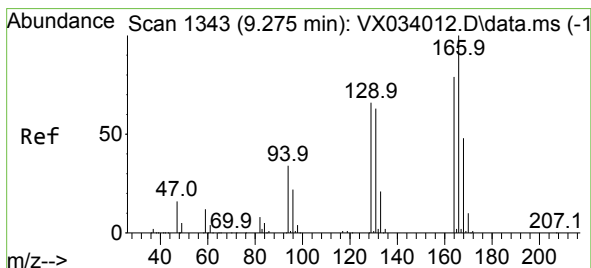
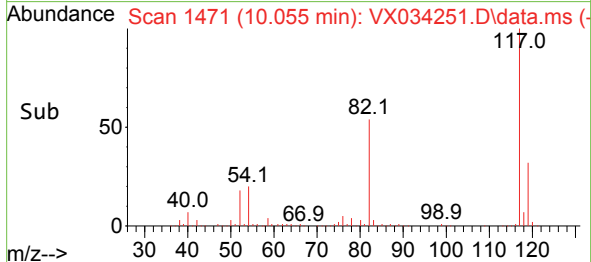
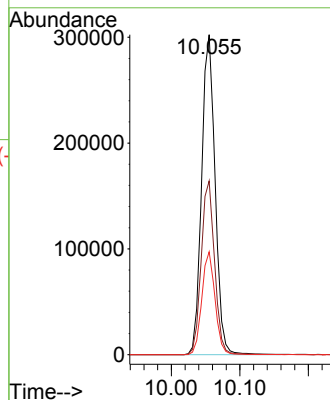
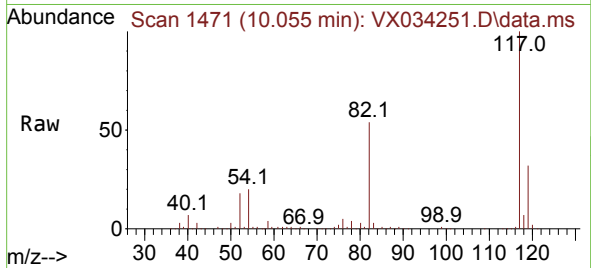




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

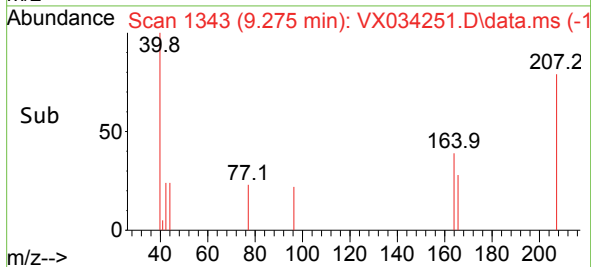
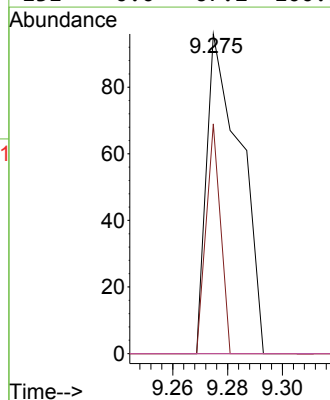
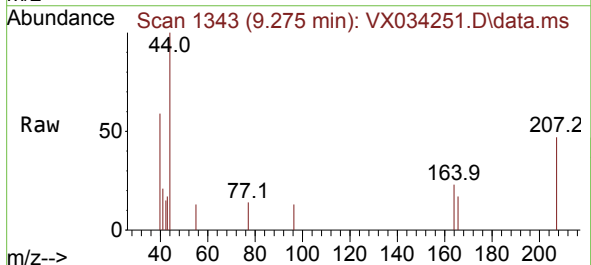
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

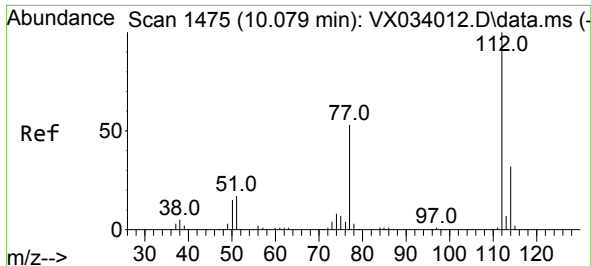
Tgt Ion:117 Resp: 414813
Ion Ratio Lower Upper
117 100
82 54.3 40.6 60.8
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 0.028 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion:164 Resp: 82
Ion Ratio Lower Upper
164 100
166 71.9 100.2 150.2#
129 0.0 69.2 103.8#
131 0.0 67.2 100.8#

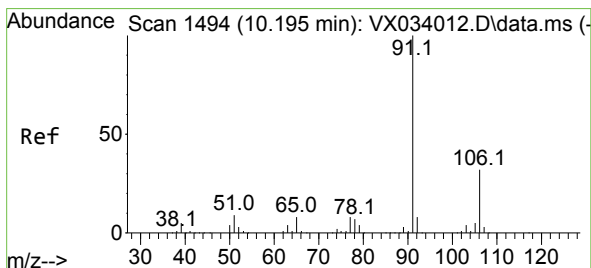
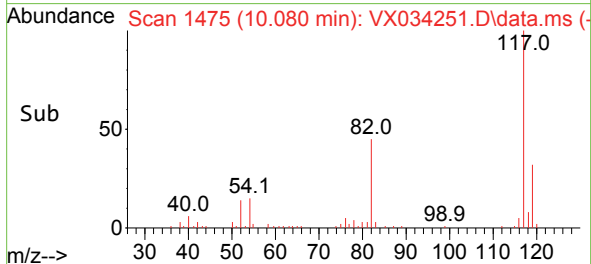
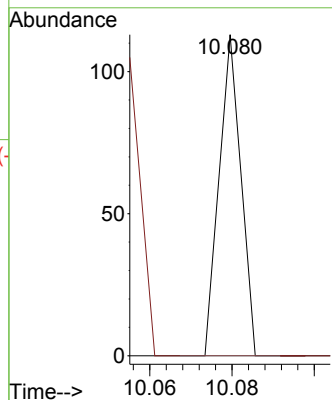
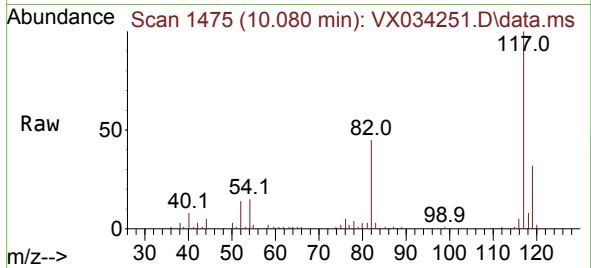




#65
Chlorobenzene
Concen: 0.005 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

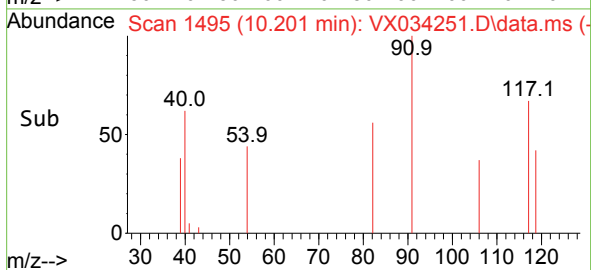
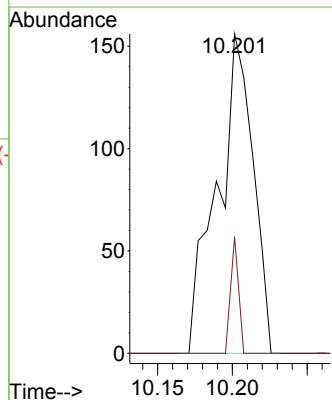
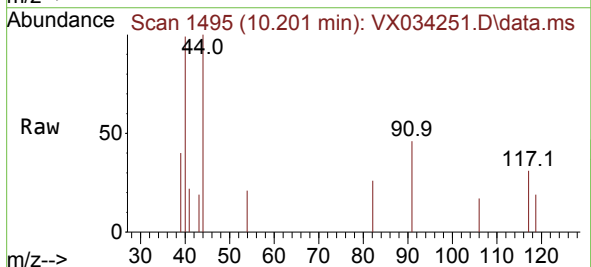
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

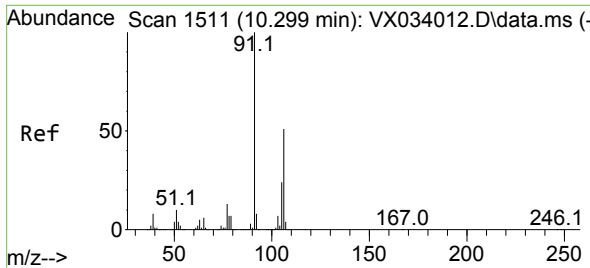
Tgt Ion:112 Resp: 41
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.4#



#67
Ethyl Benzene
Concen: 0.017 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 91 Resp: 259
Ion Ratio Lower Upper
91 100
106 36.5 25.8 38.8

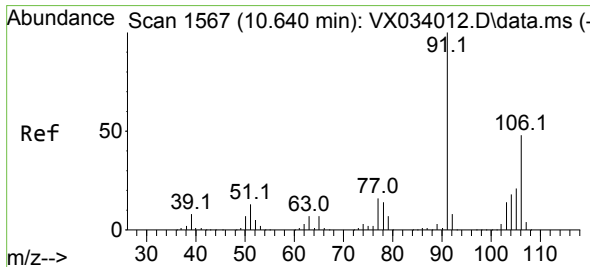
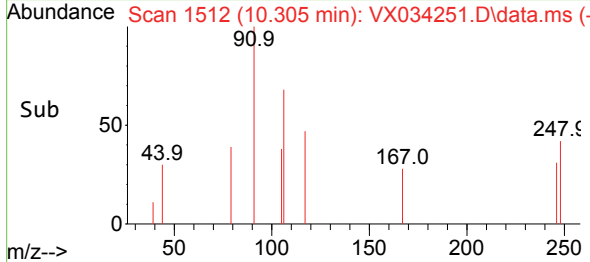
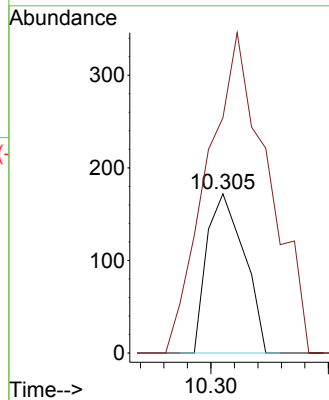
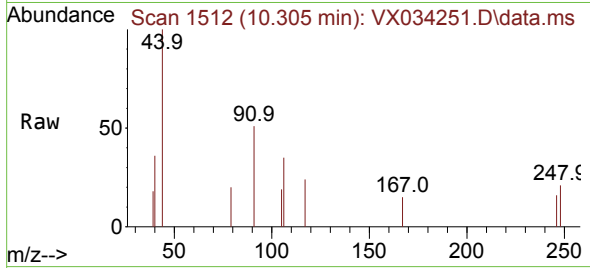




#68
m/p-Xylenes
Concen: 0.032 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

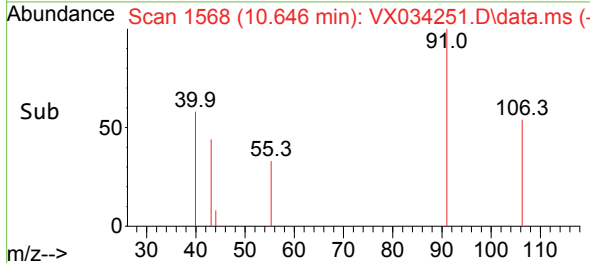
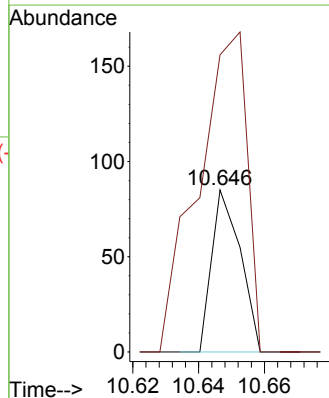
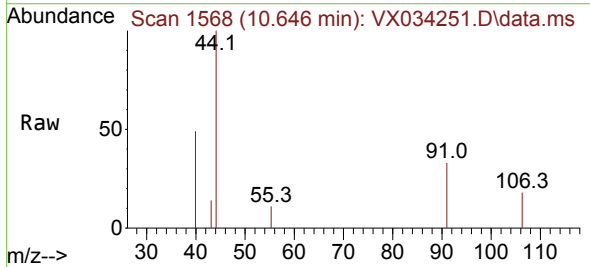
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

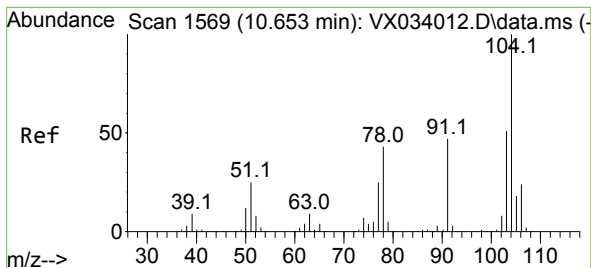
Tgt Ion:106 Resp: 190
Ion Ratio Lower Upper
106 100
91 327.9 156.4 234.6#



#69
o-Xylene
Concen: 0.009 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion:106 Resp: 51
Ion Ratio Lower Upper
106 100
91 341.2 103.1 309.3#





#70

Styrene

Concen: 0.007 ug/l

RT: 10.677 min Scan# 1573

Delta R.T. 0.018 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

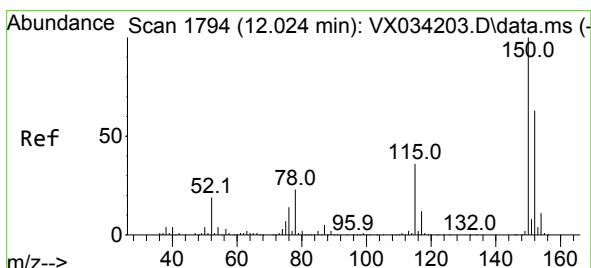
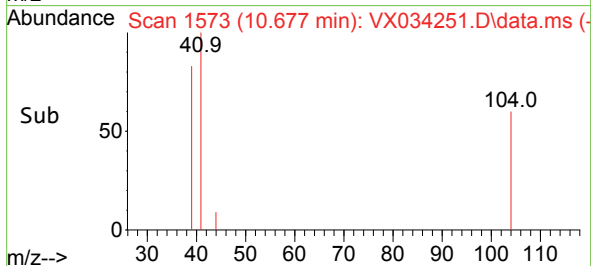
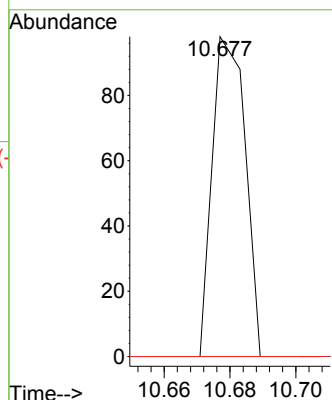
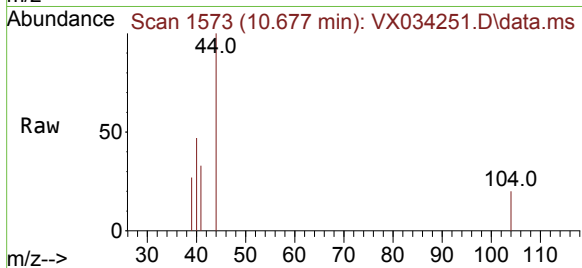
Instrument :

MSVOA_X

ClientSampleId :

RE137-BAGFILTER-20220215

Tgt Ion:104	Resp:	68
Ion Ratio	Lower	Upper
104	100	
78	0.0	37.5 56.3#
103	0.0	43.3 64.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

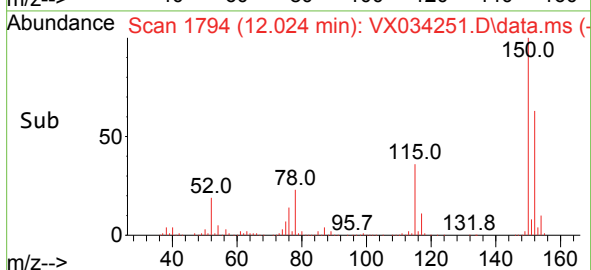
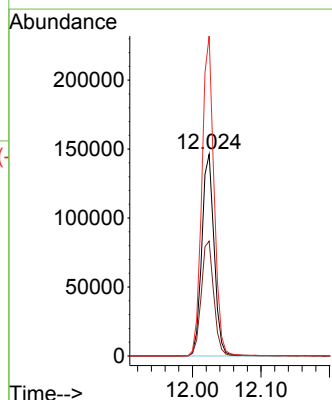
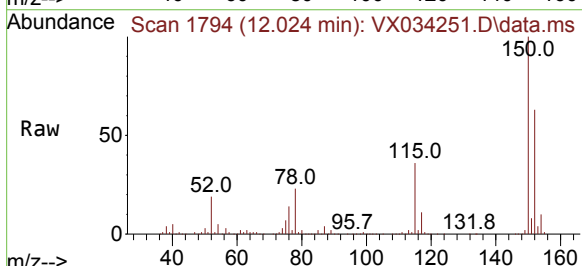
RT: 12.024 min Scan# 1794

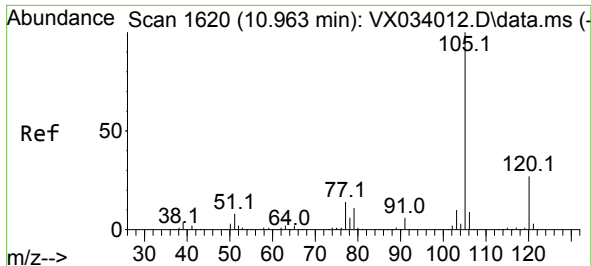
Delta R.T. 0.000 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

Tgt Ion:152	Resp:	184149
Ion Ratio	Lower	Upper
152	100	
115	57.9	38.7 116.1
150	155.3	0.0 348.2

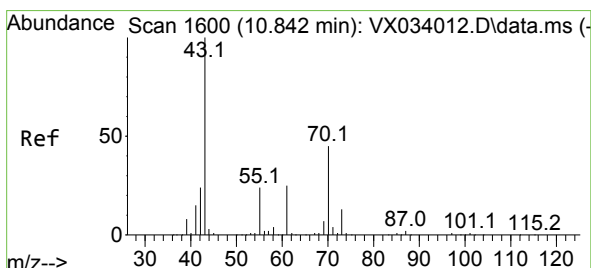
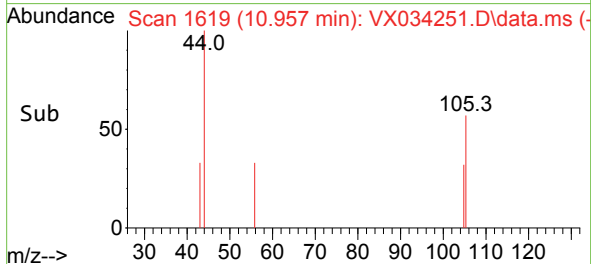
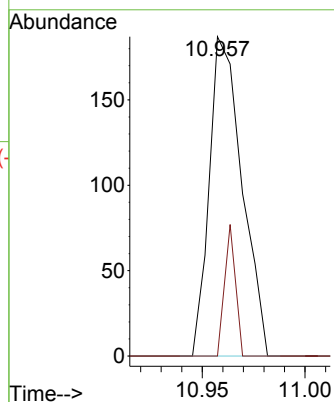
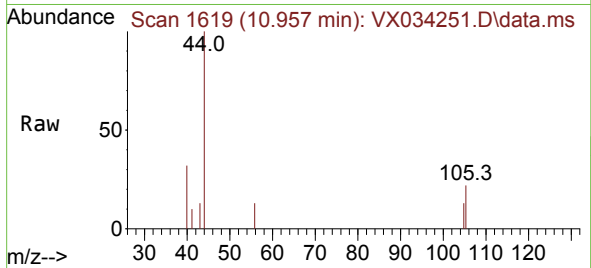




#73
Isopropylbenzene
Concen: 0.015 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

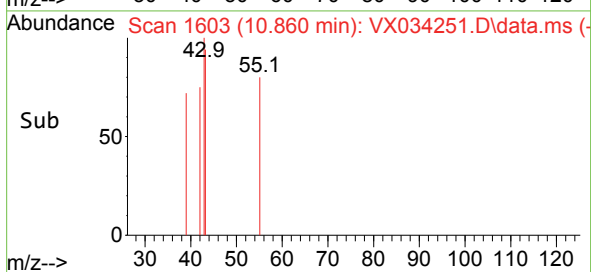
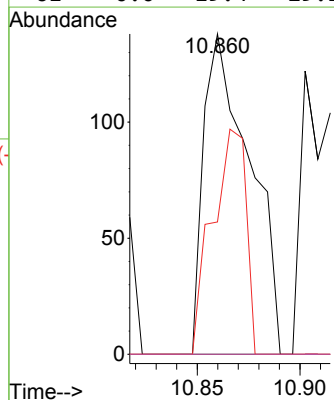
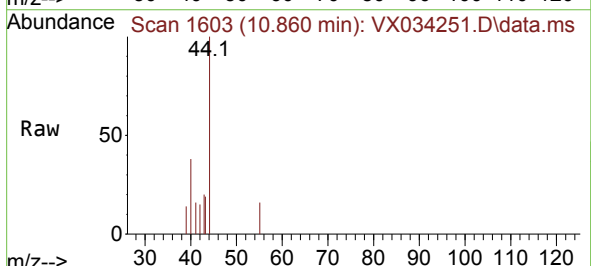
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

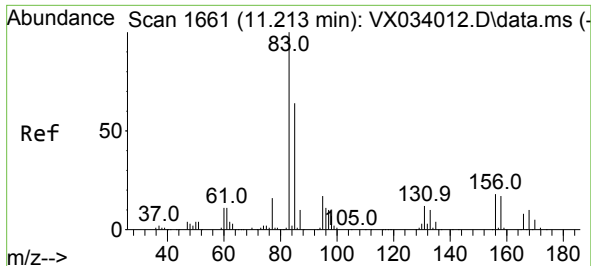
Tgt Ion:105 Resp: 207
Ion Ratio Lower Upper
105 100
120 13.5 13.6 40.8#



#74
N-ethyl acetate
Concen: 0.031 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.019 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
70 0.0 34.8 52.2#
55 51.4 19.4 29.0#
61 0.0 19.4 29.2#

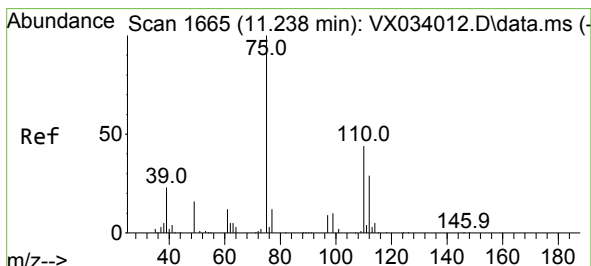
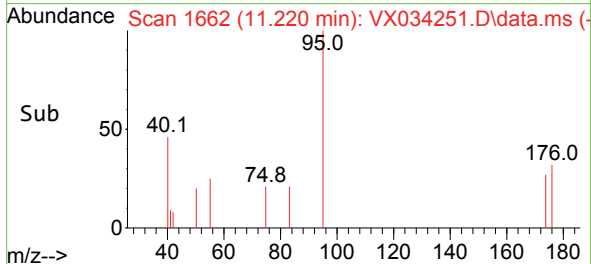
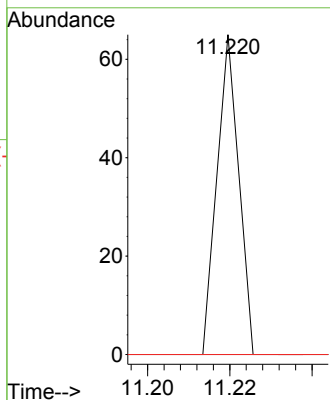
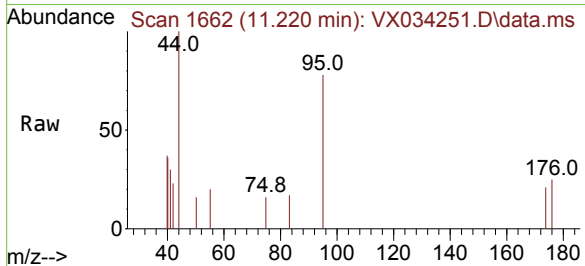




#75
1,1,2,2-Tetrachloroethane
Concen: 0.005 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

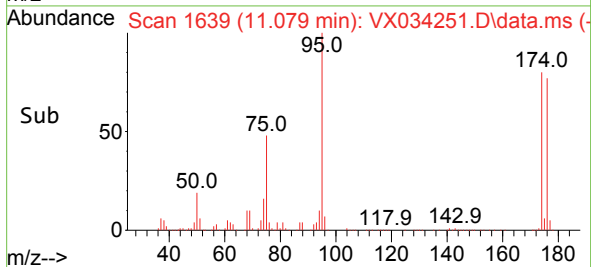
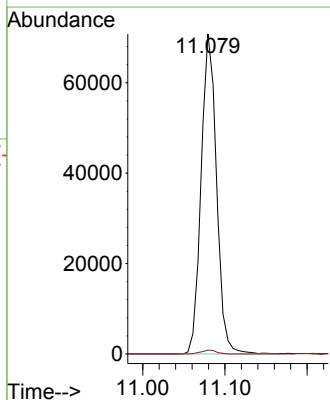
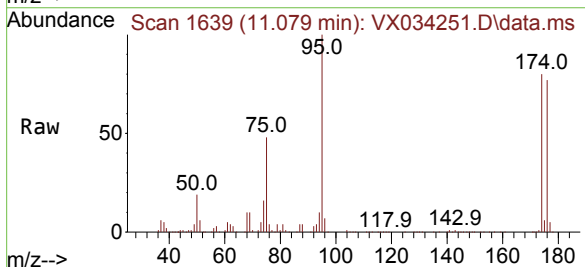
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

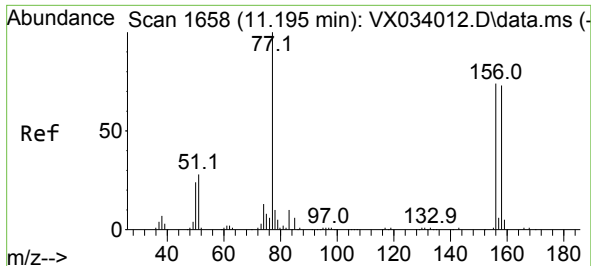
Tgt Ion: 83 Resp: 24
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.7#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 19.928 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 75 Resp: 92340
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#

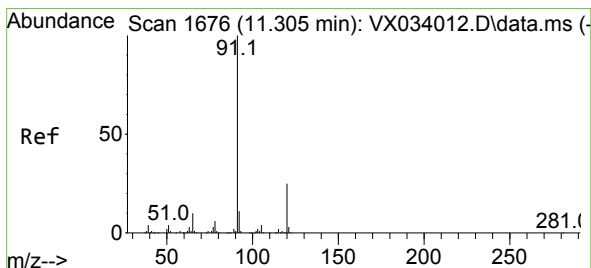
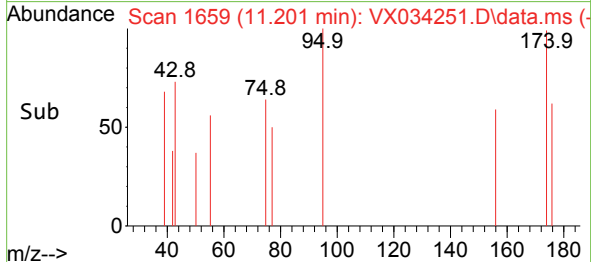
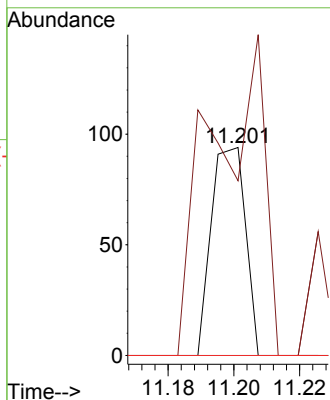
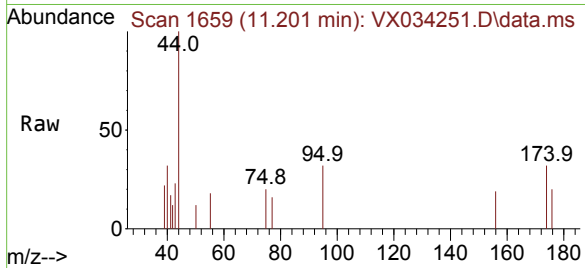




#77
Bromobenzene
Concen: 0.020 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

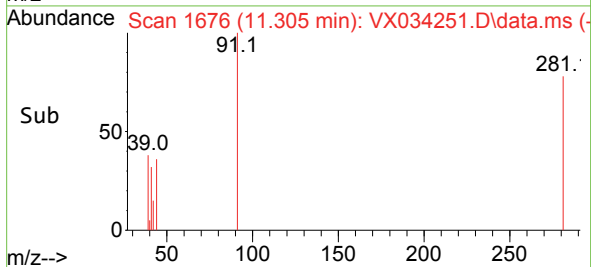
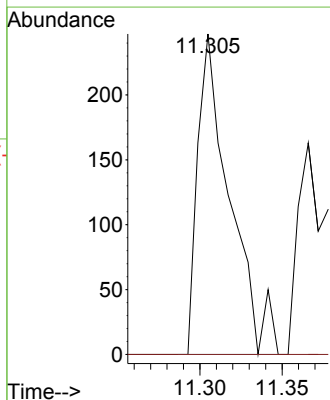
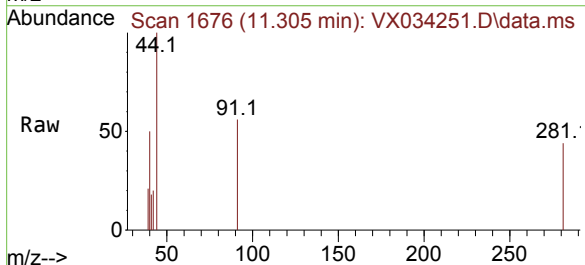
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

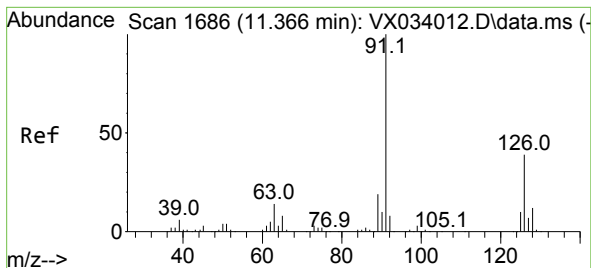
Tgt Ion:156 Resp: 68
Ion Ratio Lower Upper
156 100
77 232.4 68.1 204.3#
158 0.0 48.0 144.2#



#78
n-propylbenzene
Concen: 0.020 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 91 Resp: 334
Ion Ratio Lower Upper
91 100
120 0.0 12.3 36.8#

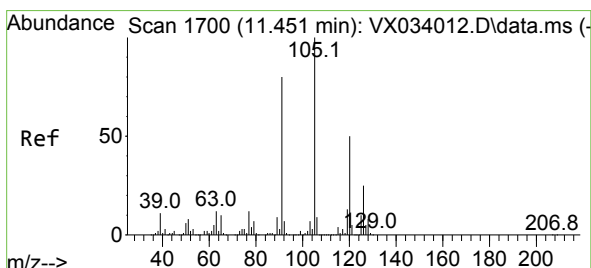
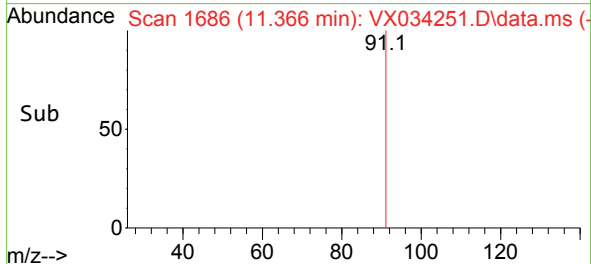
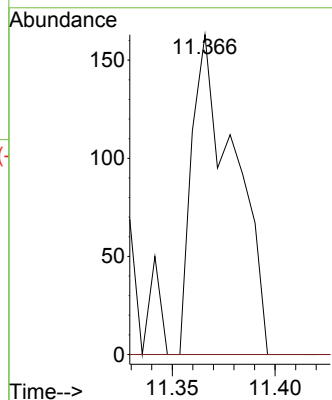
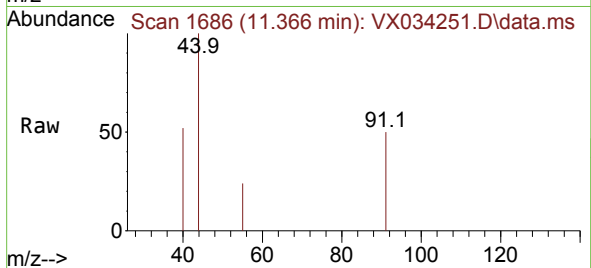




#79
2-Chlorotoluene
Concen: 0.023 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

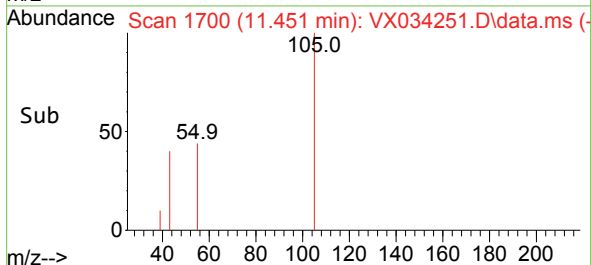
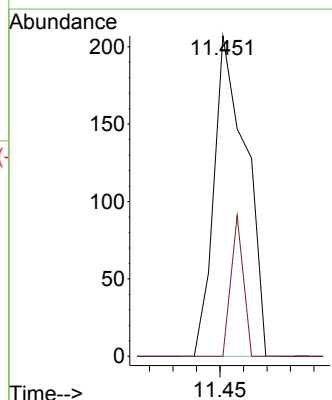
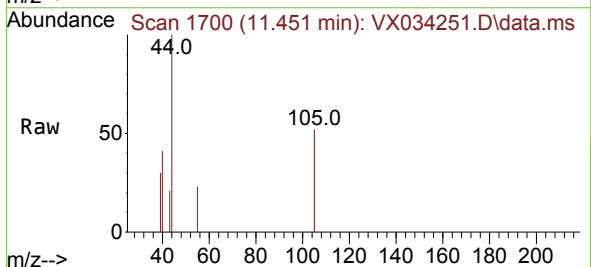
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

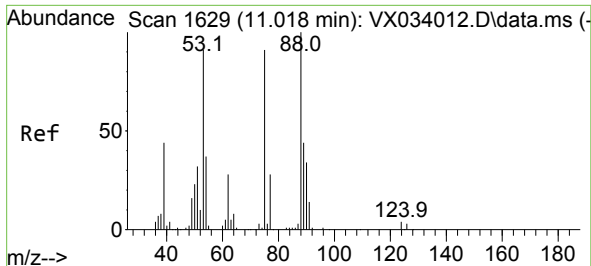
Tgt Ion: 91 Resp: 235
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#80
1,3,5-Trimethylbenzene
Concen: 0.017 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 105 Resp: 196
Ion Ratio Lower Upper
105 100
120 16.8 25.6 76.8#

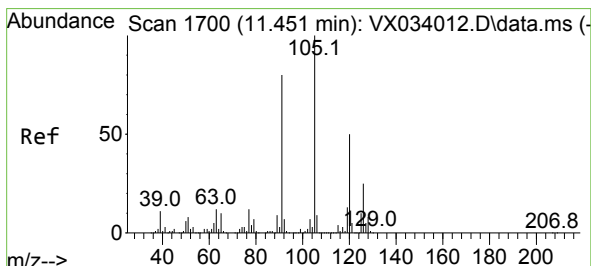
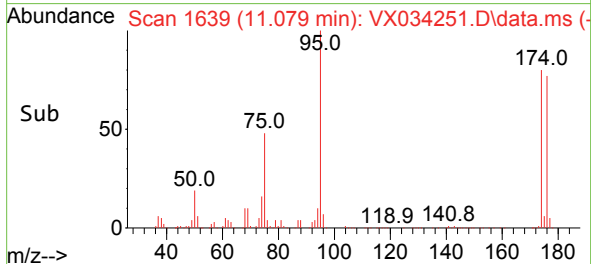
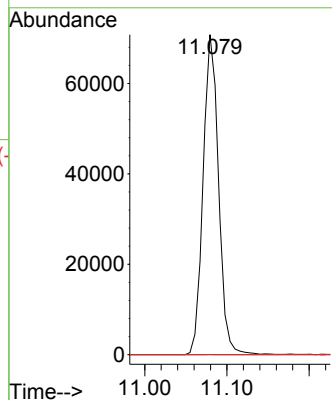
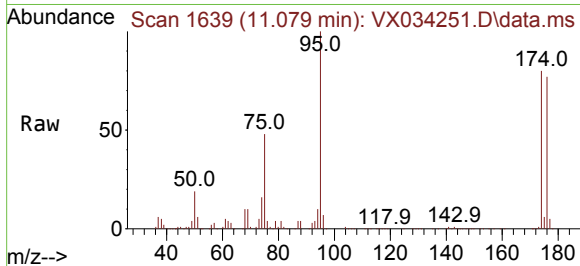




#81
trans-1,4-Dichloro-2-butene
Concen: 51.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

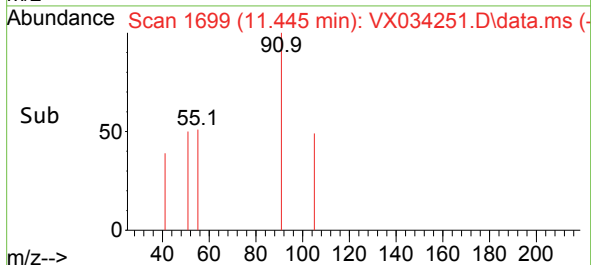
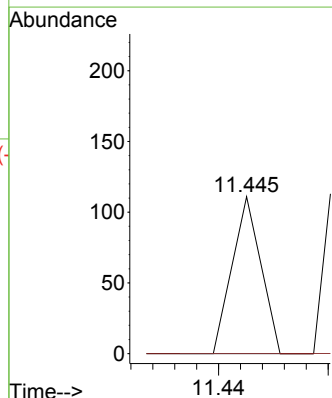
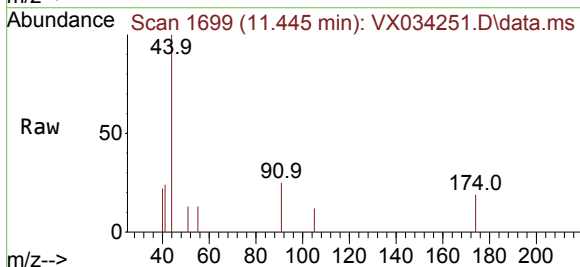
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

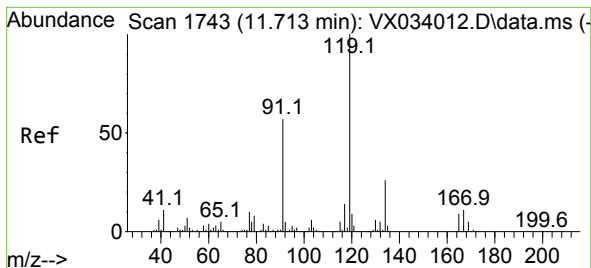
Tgt Ion: 75 Resp: 92340
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: 0.004 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.012 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 91 Resp: 41
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#





#83

tert-Butylbenzene

Concen: 0.011 ug/l

RT: 11.719 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

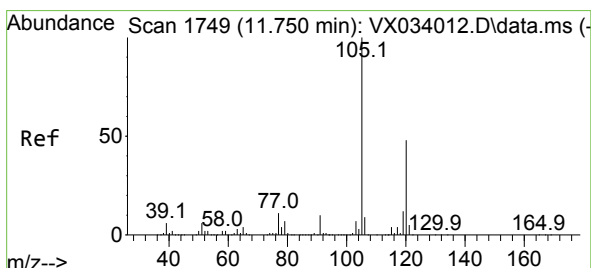
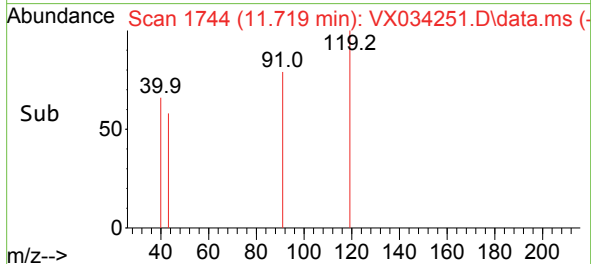
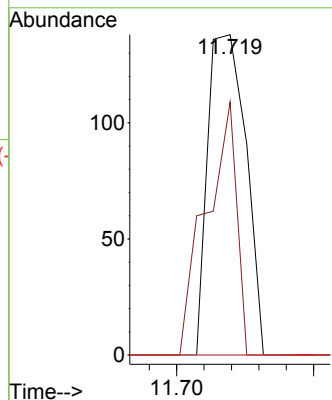
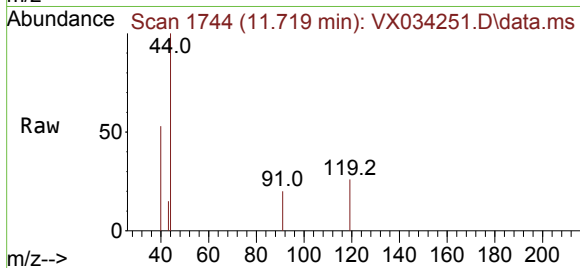
Instrument :

MSVOA_X

ClientSampleId :

RE137-BAGFILTER-20220215

Tgt Ion:119	Resp:	134
Ion	Ratio	Lower Upper
119	100	
91	62.7	26.9 80.7
134	0.0	12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 0.020 ug/l

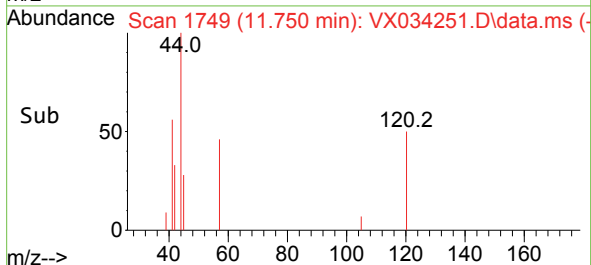
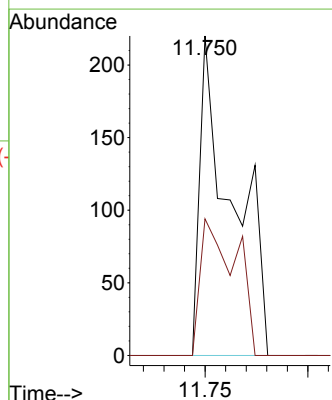
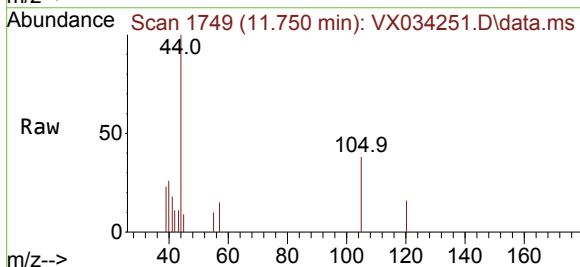
RT: 11.750 min Scan# 1749

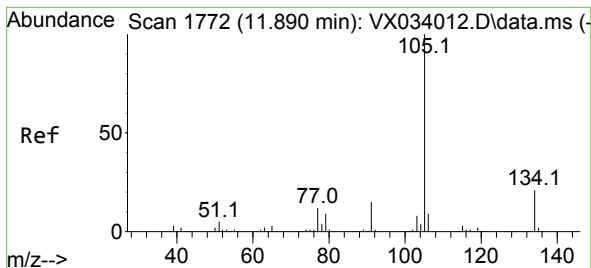
Delta R.T. 0.000 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

Tgt Ion:105	Resp:	240
Ion	Ratio	Lower Upper
105	100	
120	46.7	23.4 70.2





#85

sec-Butylbenzene

Concen: 0.015 ug/l

RT: 11.884 min Scan# 1771

Delta R.T. -0.006 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

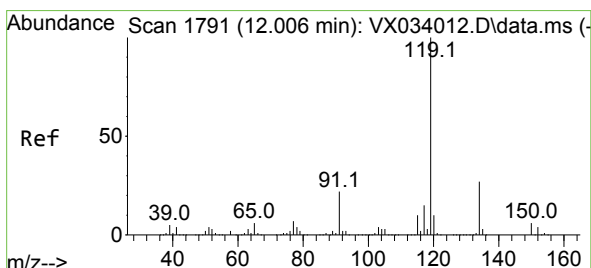
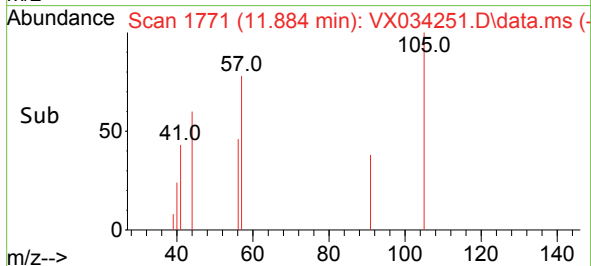
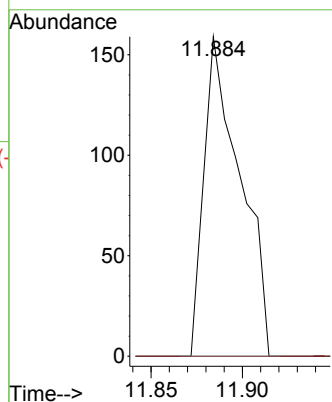
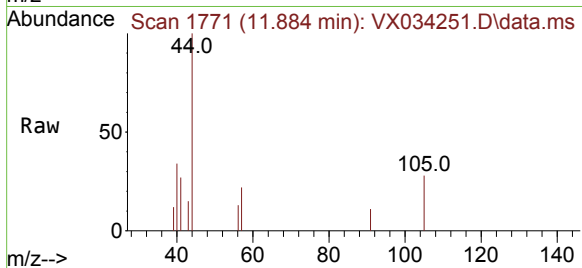
RE137-BAGFILTER-20220215

Tgt Ion:105 Resp: 219

Ion Ratio Lower Upper

105 100

134 0.0 10.8 32.3#



#86

p-Isopropyltoluene

Concen: 0.023 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

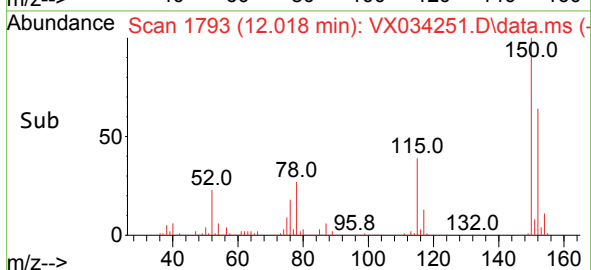
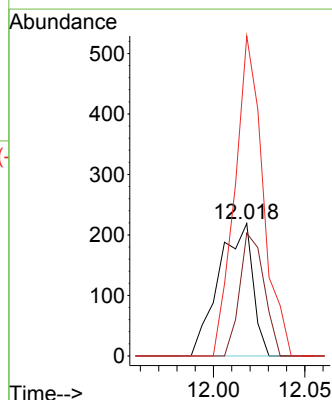
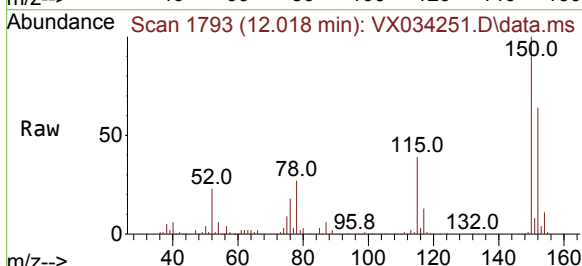
Tgt Ion:119 Resp: 284

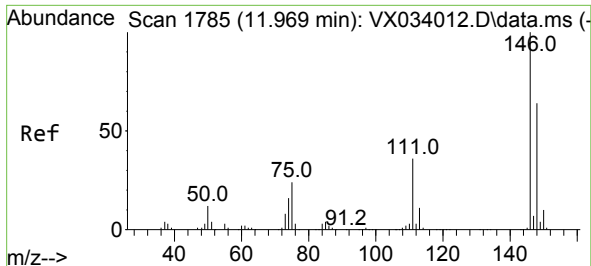
Ion Ratio Lower Upper

119 100

134 66.2 13.6 40.8#

91 200.0 11.0 33.0#





#87

1,3-Dichlorobenzene

Concen: 0.010 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

RE137-BAGFILTER-20220215

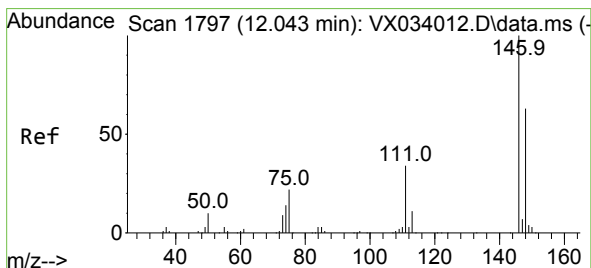
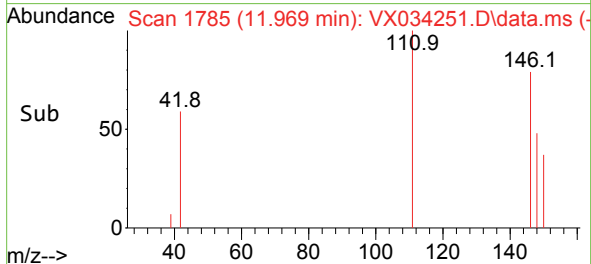
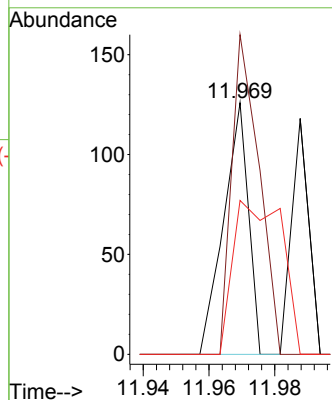
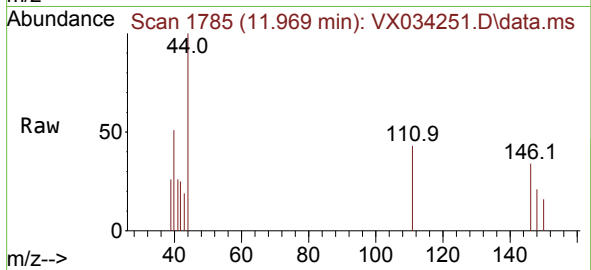
Tgt Ion:146 Resp: 66

Ion Ratio Lower Upper

146 100

111 139.4 18.6 55.6#

148 119.7 31.9 95.5#



#88

1,4-Dichlorobenzene

Concen: 0.064 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX034251.D

Acq: 23 Feb 2023 16:15

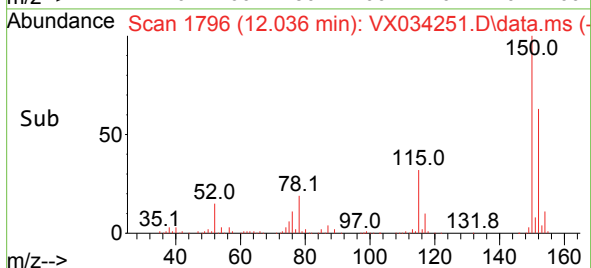
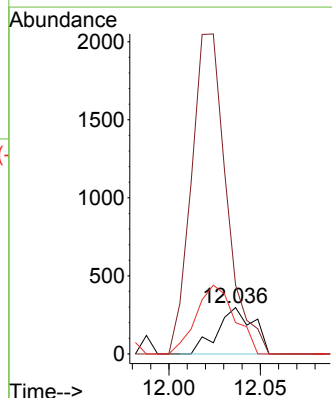
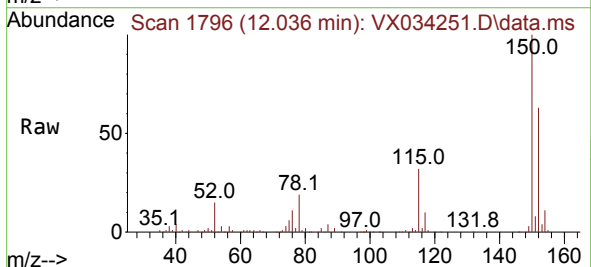
Tgt Ion:146 Resp: 409

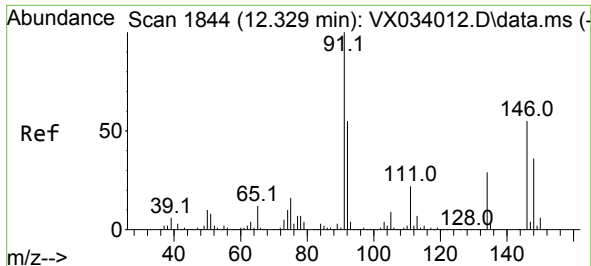
Ion Ratio Lower Upper

146 100

111 671.1 17.8 53.4#

148 158.7 32.1 96.3#

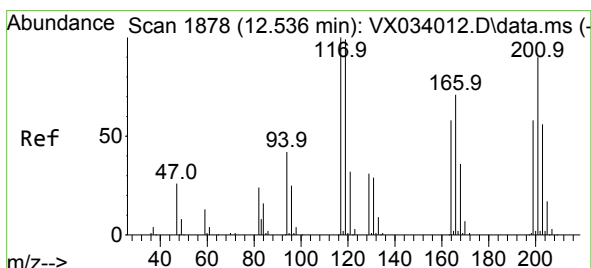
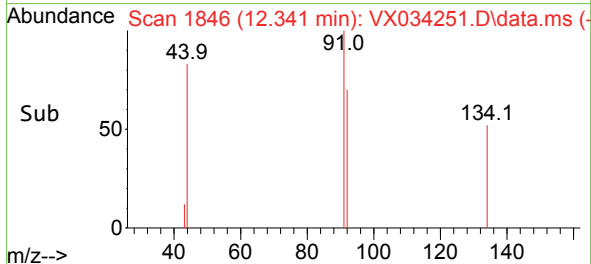
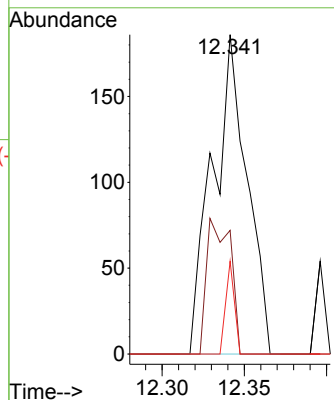
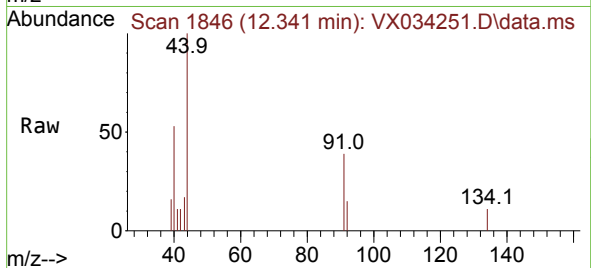




#89
n-Butylbenzene
Concen: 0.025 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

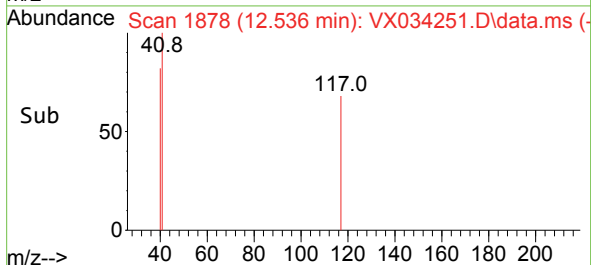
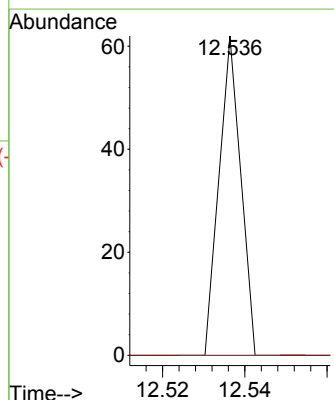
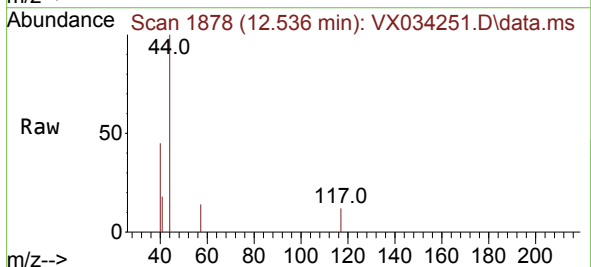
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

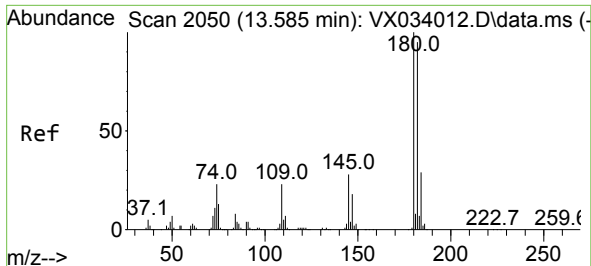
Tgt Ion: 91 Resp: 271
Ion Ratio Lower Upper
91 100
92 29.2 27.5 82.5
134 7.4 14.3 42.9#



#90
Hexachloroethane
Concen: 0.009 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Tgt Ion: 117 Resp: 23
Ion Ratio Lower Upper
117 100
201 0.0 45.1 135.3#

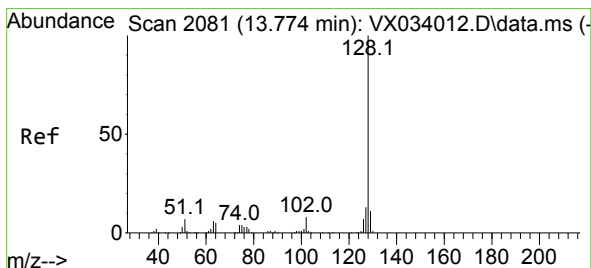
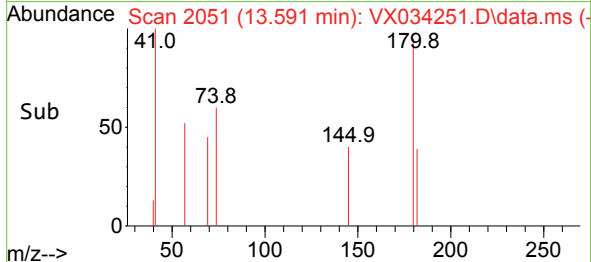
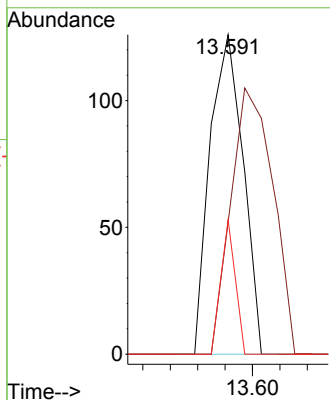
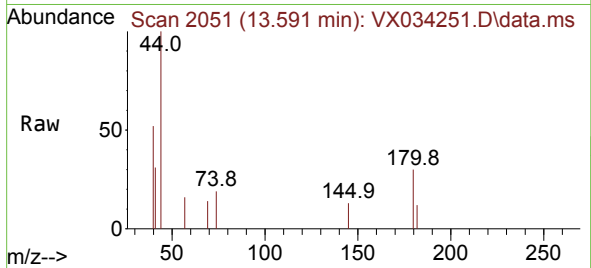




#93
1,2,4-Trichlorobenzene
Concen: 0.027 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

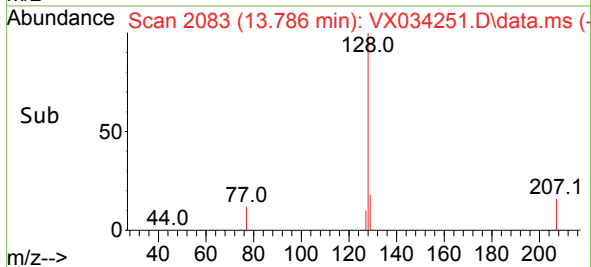
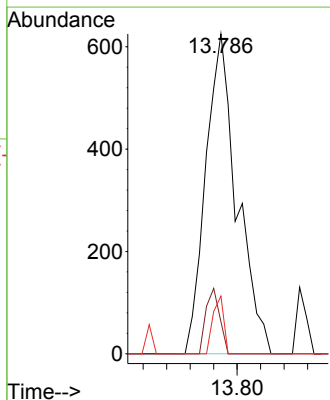
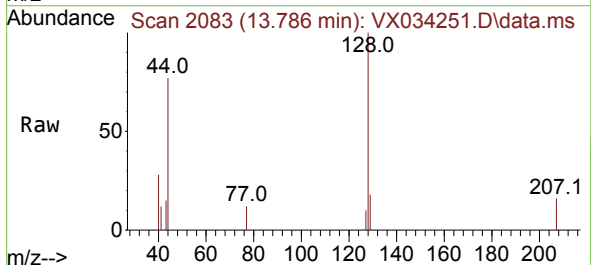
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

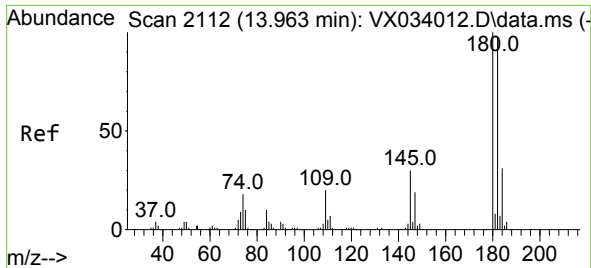
Tgt Ion:	180	Resp:	106
Ion Ratio	Lower	Upper	
180	100		
182	105.7	47.9	143.6
145	17.9	14.1	42.2



#95
Naphthalene
Concen: 0.086 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

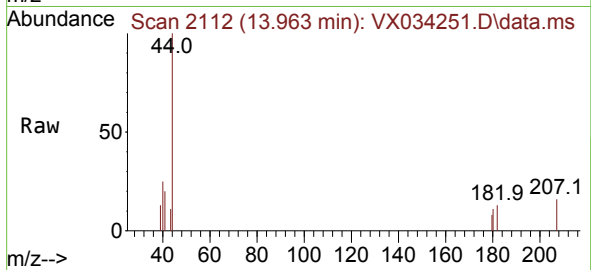
Tgt Ion:	128	Resp:	1155
Ion Ratio	Lower	Upper	
128	100		
127	9.0	10.3	15.5#
129	6.2	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.022 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX034251.D
 Acq: 23 Feb 2023 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-BAGFILTER-20220215



Tgt Ion:	180	Resp:	85
Ion	Ratio	Lower	Upper
180	100		
182	105.9	47.6	142.9
145	0.0	15.1	45.3#

