

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)

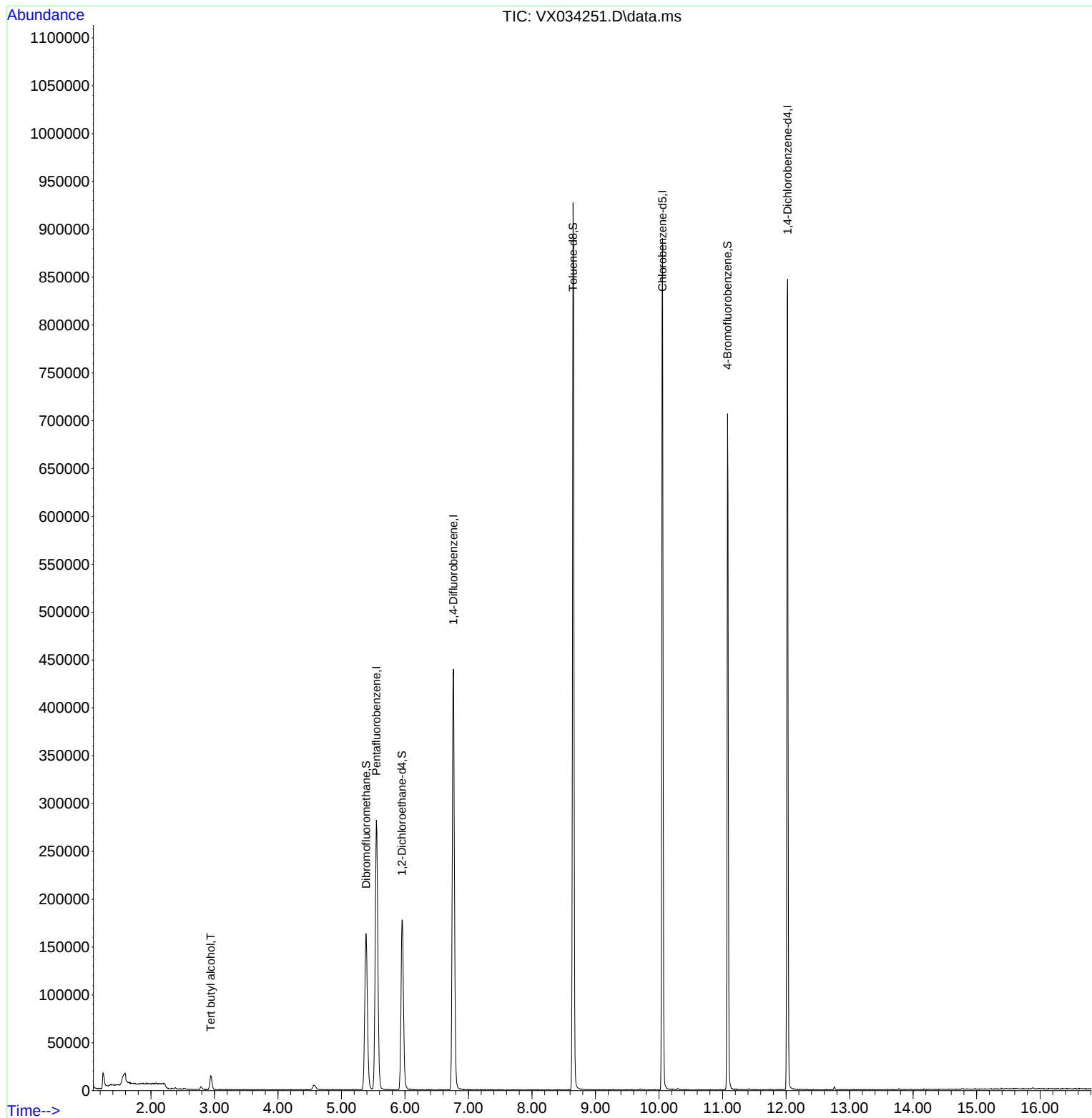
Internal Standards						
1) Pentafluorobenzene	5.550	168	283224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
11) Tert butyl alcohol	2.941	59	8754	10.261	ug/l	Qvalue # 95

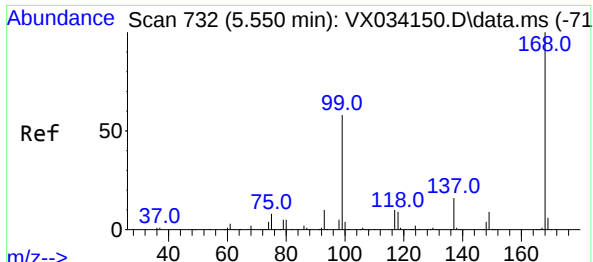
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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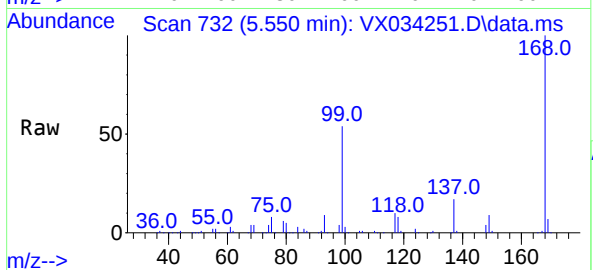
Quant Time: Feb 23 21:47:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
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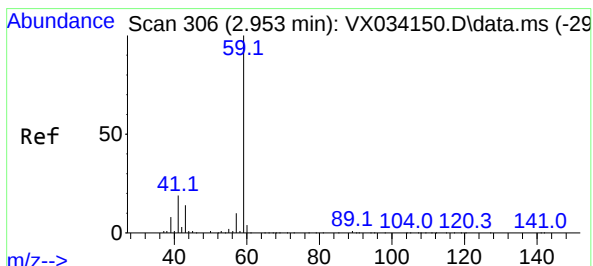
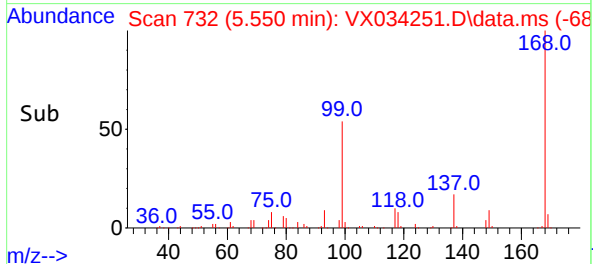
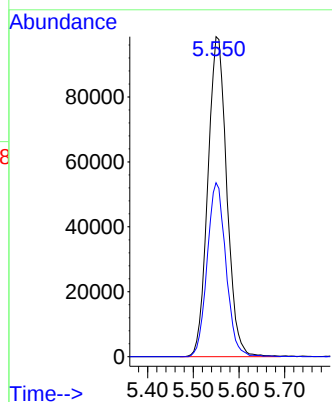


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

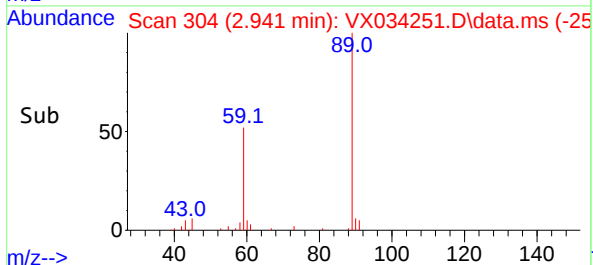
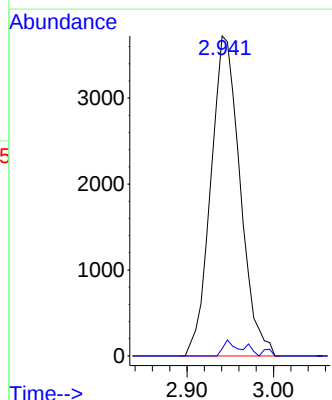
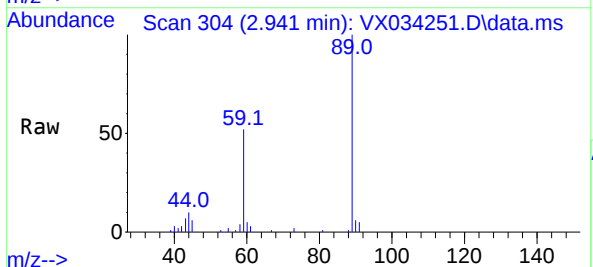


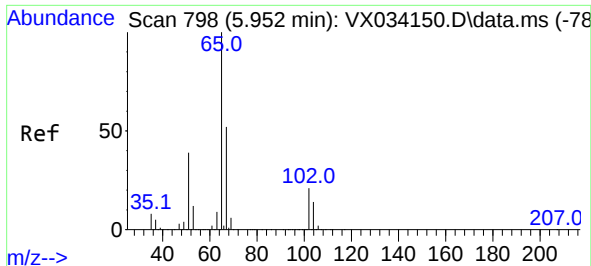
Tgt Ion:168 Resp: 283224
Ion Ratio Lower Upper
168 100
99 54.4 39.6 59.4



#11
Tert butyl alcohol
Concen: 10.261 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

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





#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 :

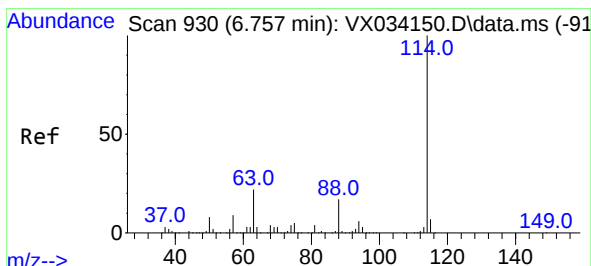
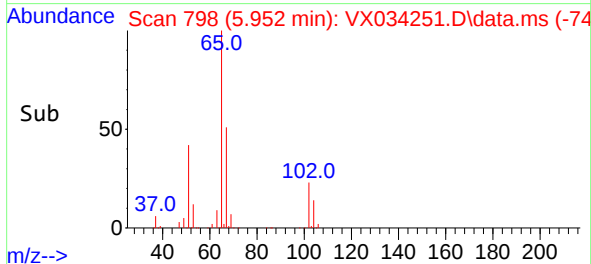
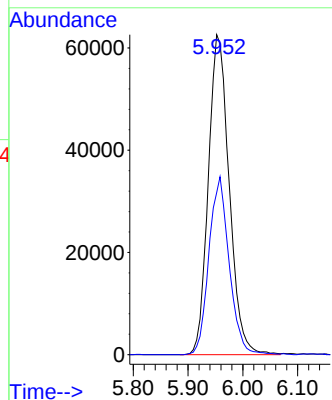
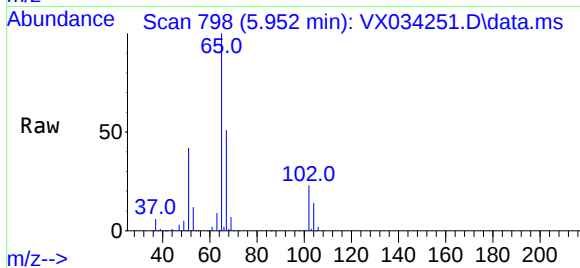
RE137-BAGFILTER-20220215

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

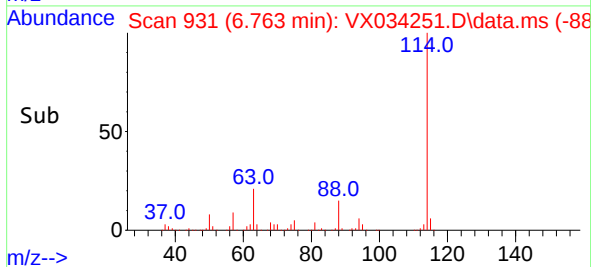
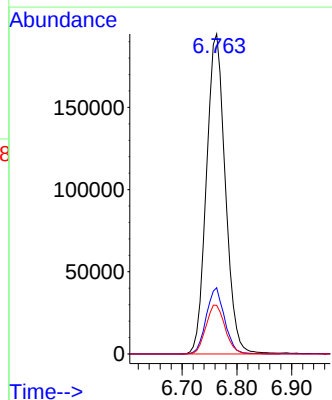
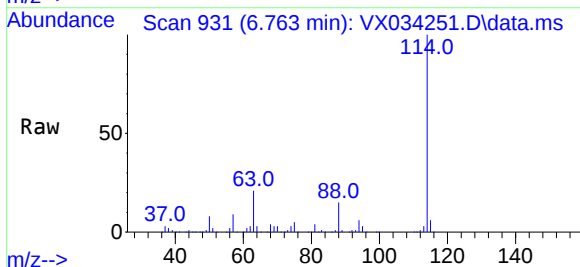
Tgt Ion: 114 Resp: 464543

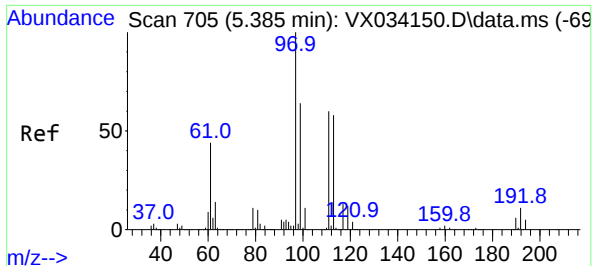
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.2 0.0 30.6



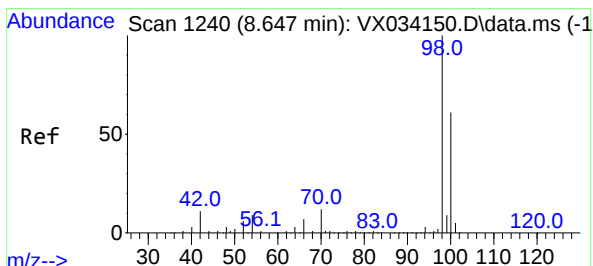
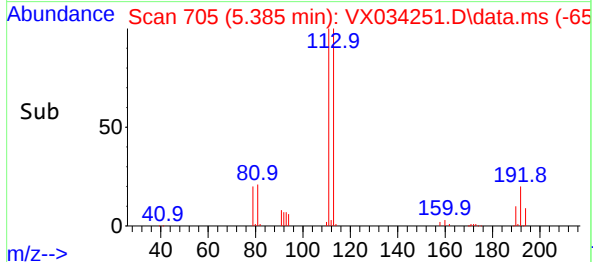
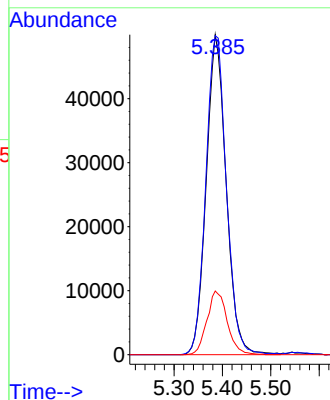
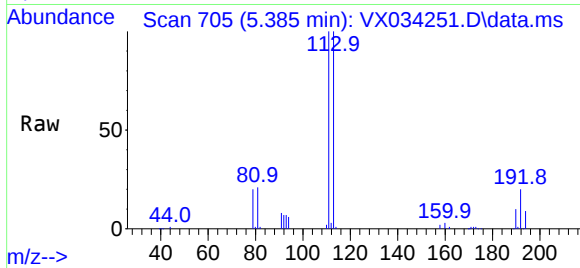


#35
 Dibromofluoromethane
 Concen: 47.290 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX034251.D
 Acq: 23 Feb 2023 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-BAGFILTER-20220215

Tgt Ion:113 Resp: 143035

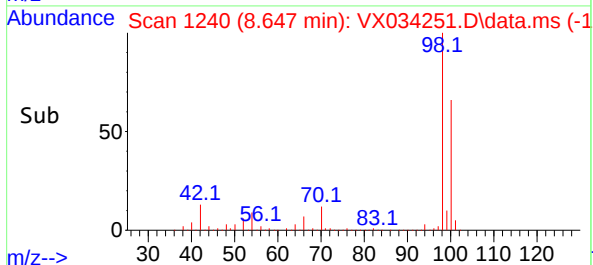
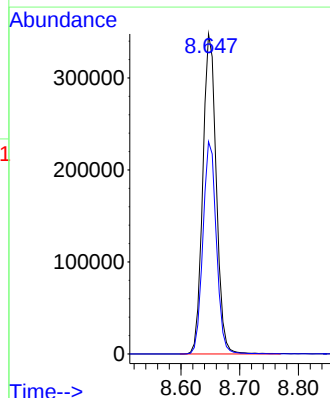
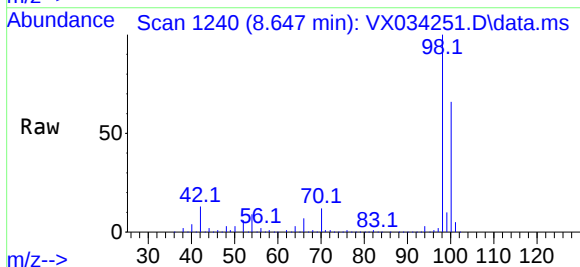
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.6
192	20.2	19.0	28.4

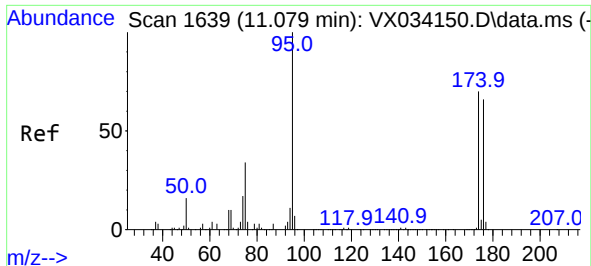


#50
 Toluene-d8
 Concen: 51.135 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX034251.D
 Acq: 23 Feb 2023 16:15

Tgt Ion: 98 Resp: 555301

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.6	80.4

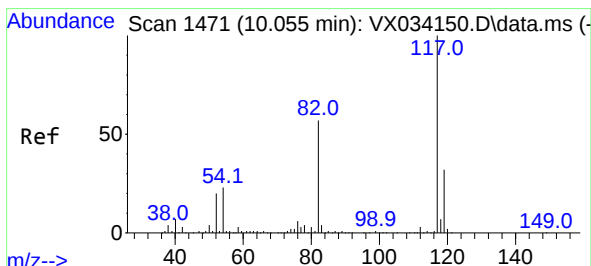
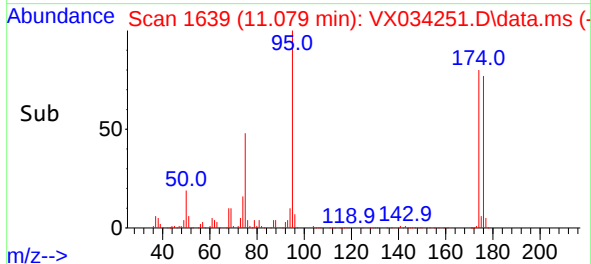
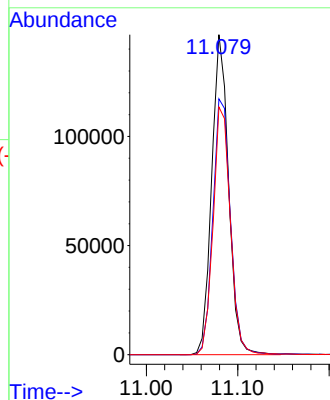
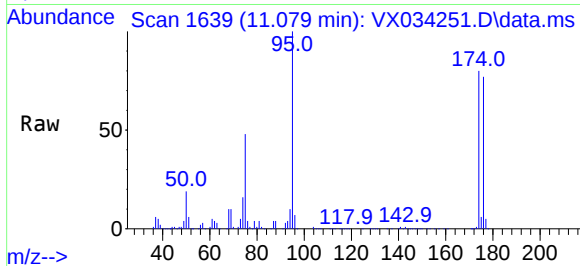




#62
4-Bromofluorobenzene
Concen: 45.169 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034251.D
Acq: 23 Feb 2023 16:15

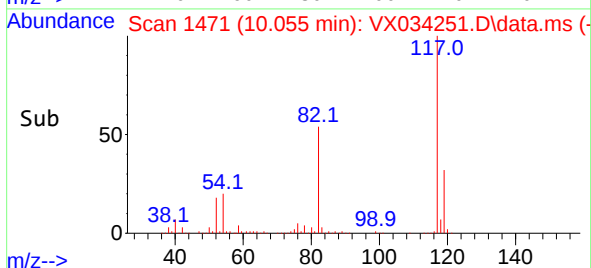
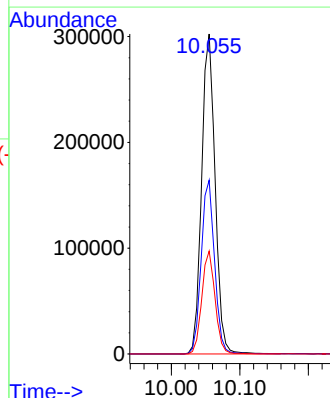
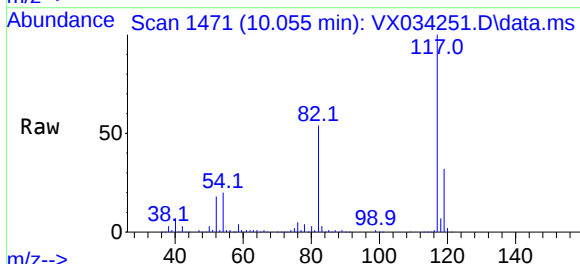
Instrument :
MSVOA_X
ClientSampleId :
RE137-BAGFILTER-20220215

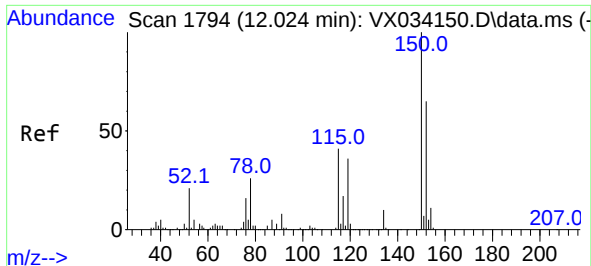
Tgt Ion: 95 Resp: 187622
Ion Ratio Lower Upper
95 100
174 83.3 0.0 184.4
176 79.7 0.0 178.8



#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

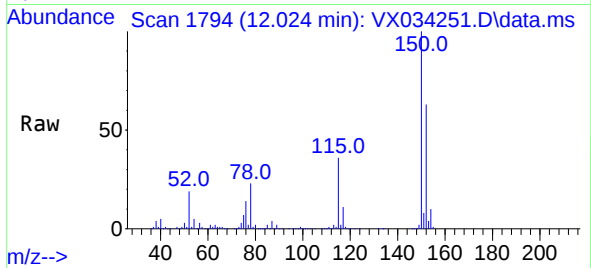
Tgt Ion: 117 Resp: 414813
Ion Ratio Lower Upper
117 100
82 54.3 40.6 60.8
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 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:152 Resp: 184149
 Ion Ratio Lower Upper
 152 100
 115 57.9 38.7 116.1
 150 155.3 0.0 348.2

