

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\
 Data File : VF062022.D
 Acq On : 19 Mar 2019 17:18
 Operator : VA/AP
 Sample : K1687-07RE
 Misc : 6.58g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-031519-ARE

Quant Time: Mar 20 06:31:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	44168	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	54147	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	28654	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	12188	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	7037	22.13	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	44.26%	
35) Dibromofluoromethane	4.09	113	13384	36.81	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	73.62%	
50) Toluene-d8	7.54	98	47253	44.46	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	88.92%	
62) 4-Bromofluorobenzene	11.39	95	11932	28.26	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	56.52%	

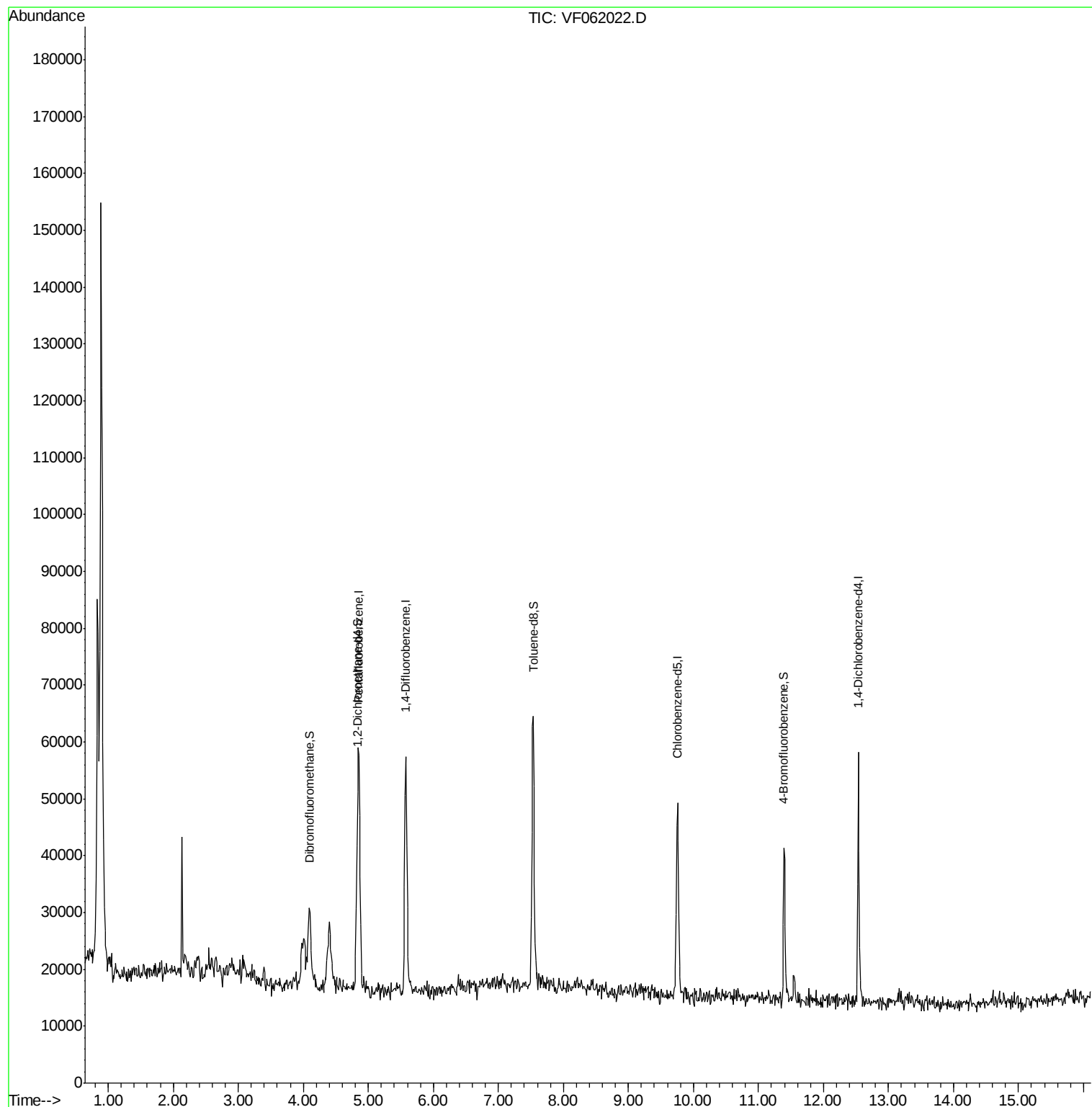
Target Compounds	Qvalue

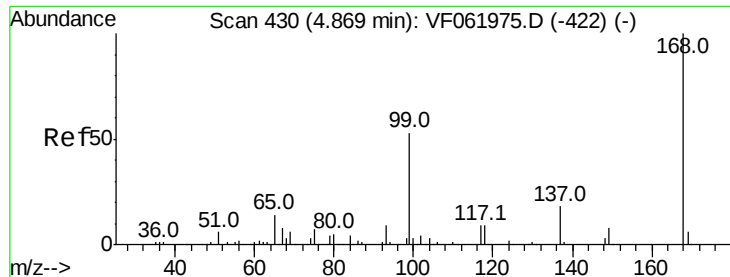
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF062022.D

Acq: 19 Mar 2019 17:18

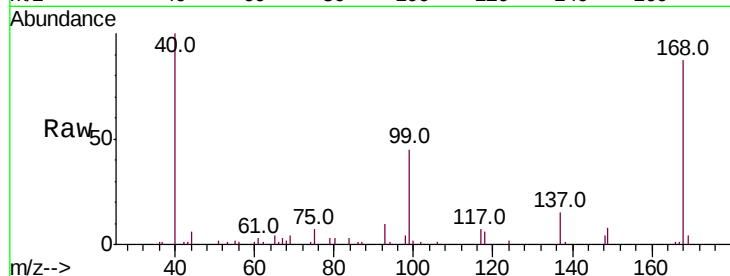
Instrument :
MSVOA_F
ClientSampleId :
HR-05-031519-ARE

Tot Ion:168 Resp: 44168

Ion Ratio Lower Upper

168 100

99 51.8 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

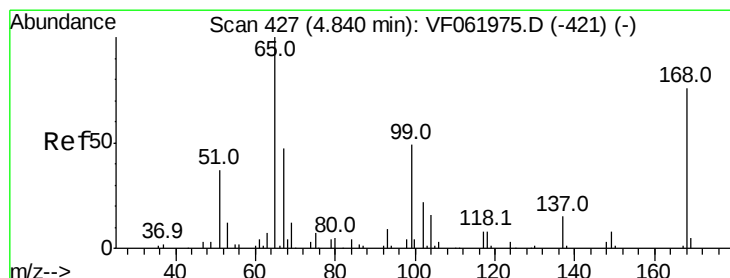
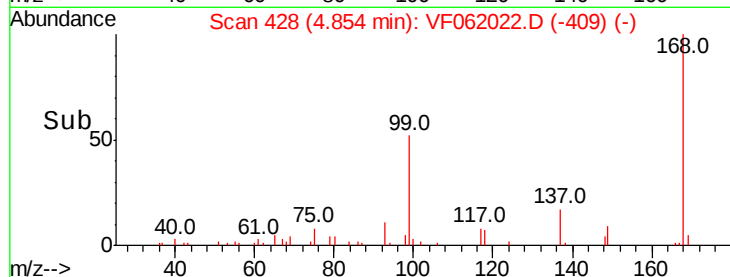
15000

10000

5000

0

Time--> 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 22.133 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF062022.D

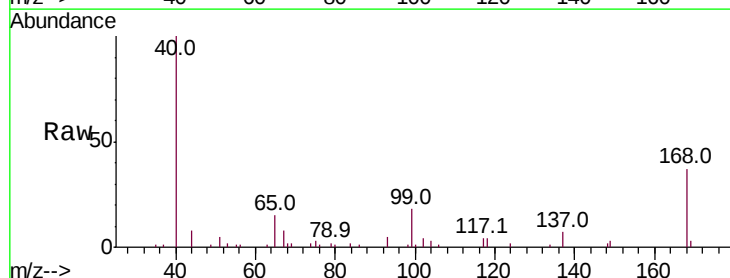
Acq: 19 Mar 2019 17:18

Tgt Ion: 65 Resp: 7037

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

2500

2000

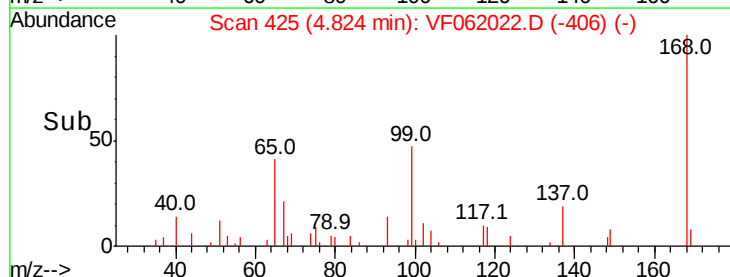
1500

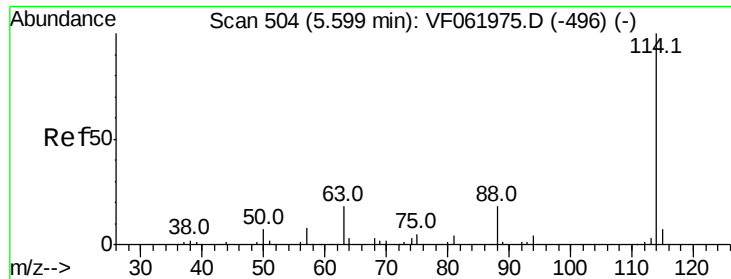
1000

500

0

Time--> 4.70 4.80 4.90

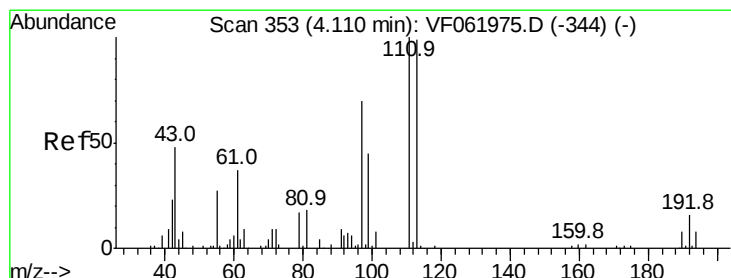
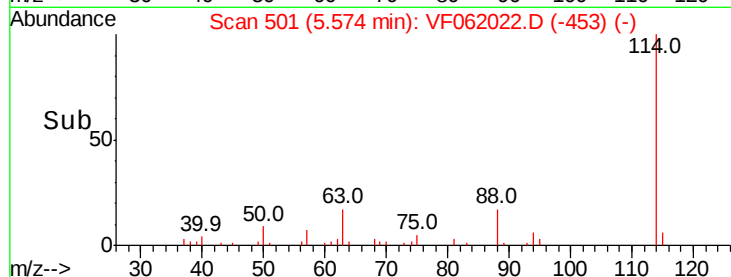
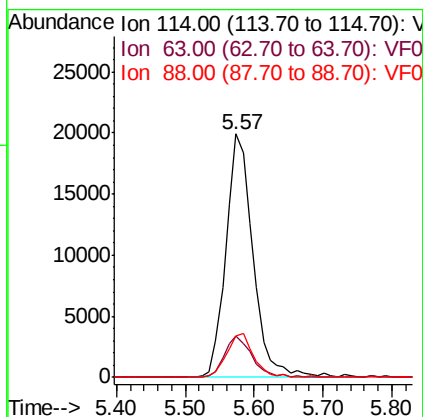
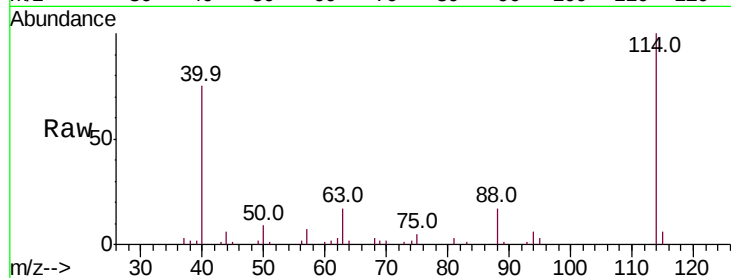




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.57 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: VF062022.D
 Acq: 19 Mar 2019 17:18

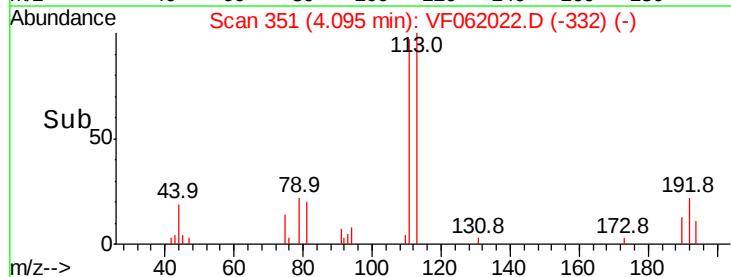
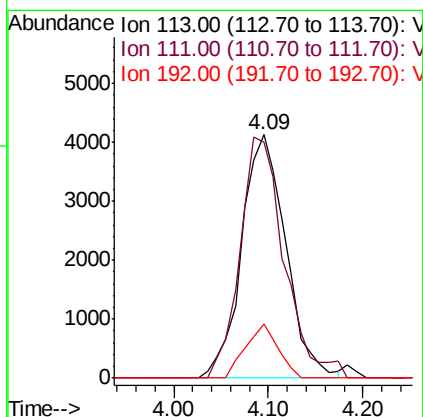
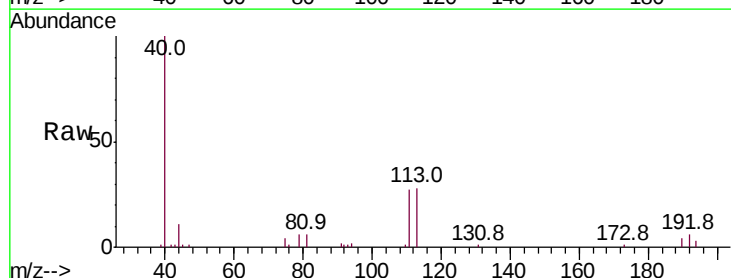
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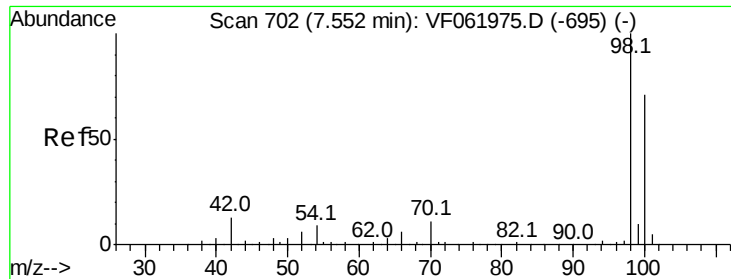
Tot Ion:114 Resp: 54147
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 36.4
 88 17.0 0.0 36.4



#35
 Dibromofluoromethane
 Concen: 36.809 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VF062022.D
 Acq: 19 Mar 2019 17:18

Tgt Ion:113 Resp: 13384
 Ion Ratio Lower Upper
 113 100
 111 97.0 80.8 121.2
 192 22.2 13.0 19.6#

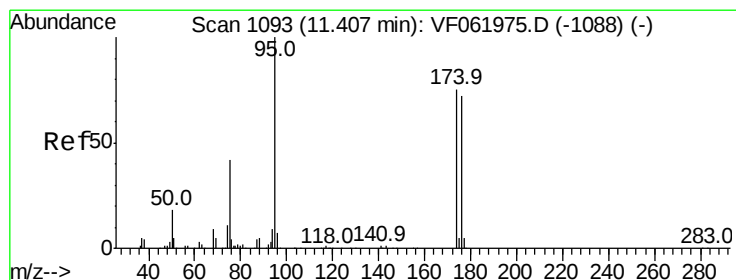
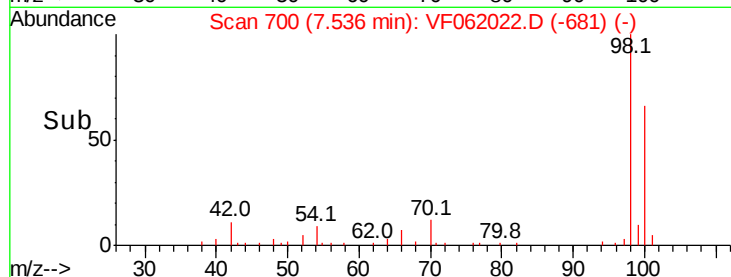
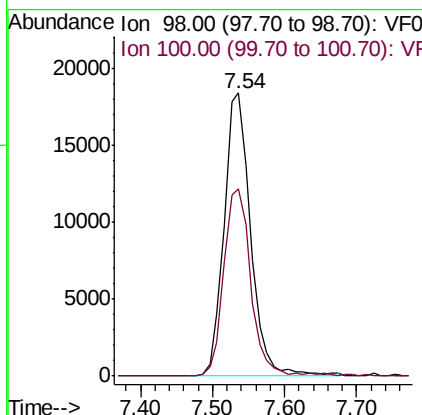
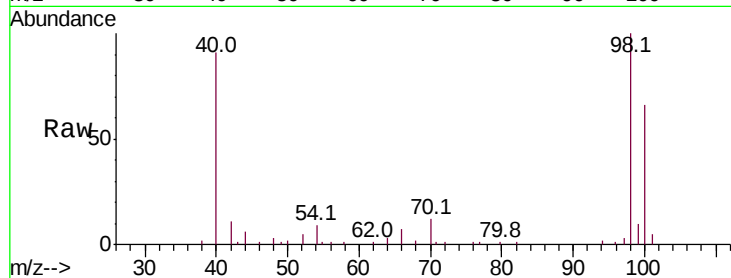




#50
Toluene-d8
Concen: 44.455 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF062022.D
Acq: 19 Mar 2019 17:18

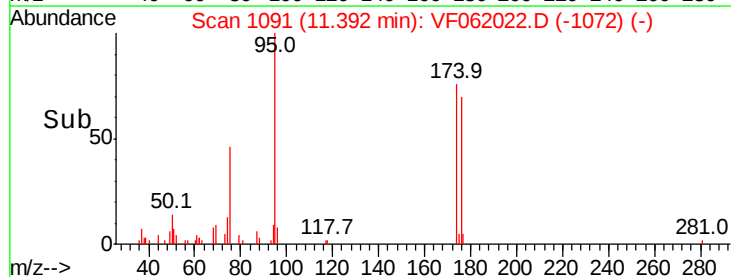
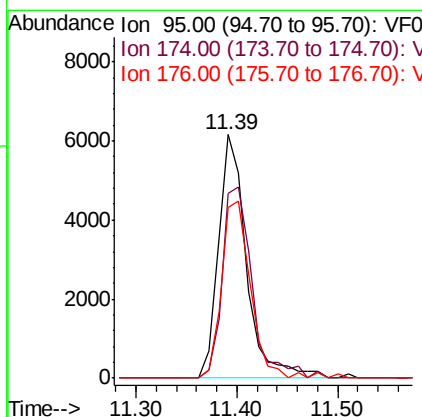
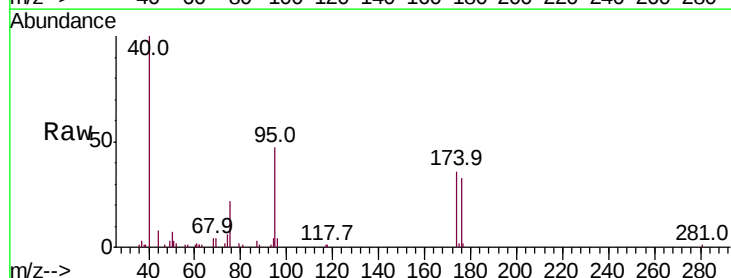
Instrument :
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ClientSampleId :
HR-05-031519-ARE

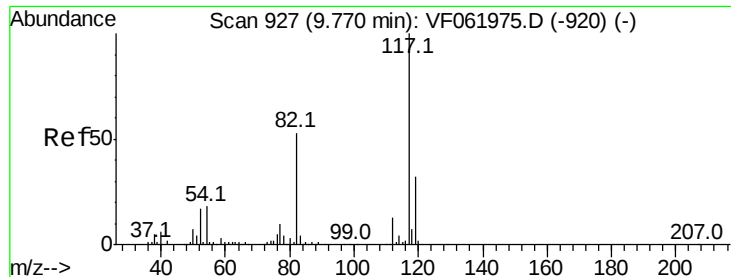
Tot Ion: 98 Resp: 47253
Ion Ratio Lower Upper
98 100
100 66.1 56.8 85.2



#62
4-Bromofluorobenzene
Concen: 28.257 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF062022.D
Acq: 19 Mar 2019 17:18

Tgt Ion: 95 Resp: 11932
Ion Ratio Lower Upper
95 100
174 75.7 0.0 149.4
176 70.1 0.0 143.4

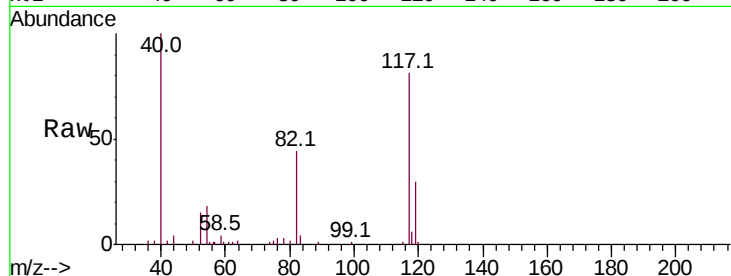




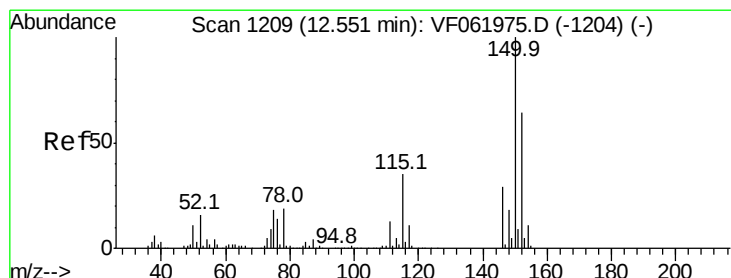
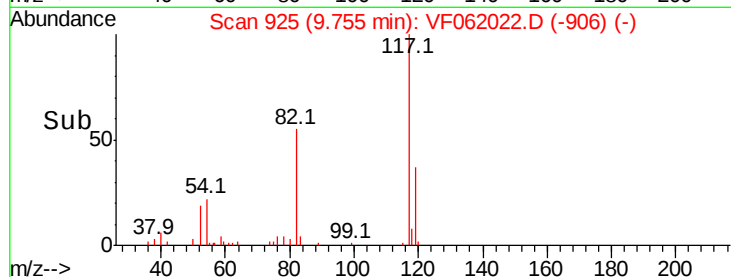
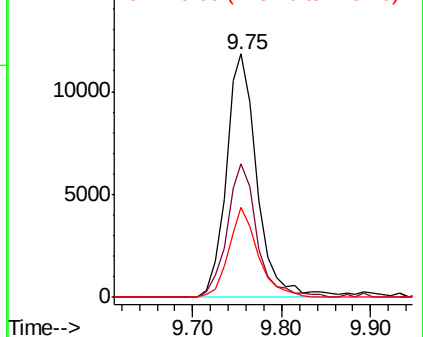
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF062022.D
Acq: 19 Mar 2019 17:18

Instrument :
MSVOA_F
ClientSampleId :
HR-05-031519-ARE

Tot Ion:117 Resp: 28654
Ion Ratio Lower Upper
117 100
82 54.7 42.5 63.7
119 37.0 25.4 38.0

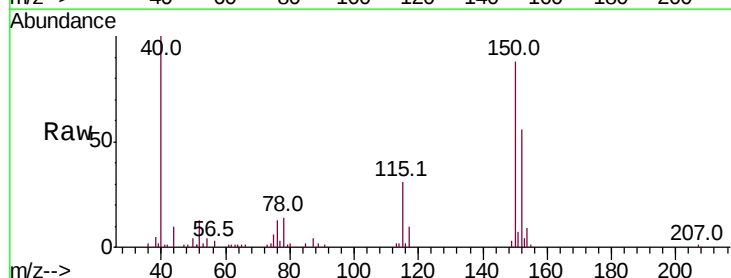


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF062022.D
Acq: 19 Mar 2019 17:18

Tgt Ion:152 Resp: 12188
Ion Ratio Lower Upper
152 100
115 56.3 27.3 81.9
150 157.0 0.0 316.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

