

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
 Data File : VF061951.D
 Acq On : 14 Mar 2019 21:09
 Operator : VA/AP
 Sample : K1924-03
 Misc : 5.27g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-SOIL-PILE-B

Quant Time: Mar 15 02:01:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	280713	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	410016	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	387016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	211398	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	120944	59.16	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	118.32%	
35) Dibromofluoromethane	4.12	113	168506	58.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.78%	
50) Toluene-d8	7.55	98	452242	53.17	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	11.41	95	197142	59.17	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	118.34%	

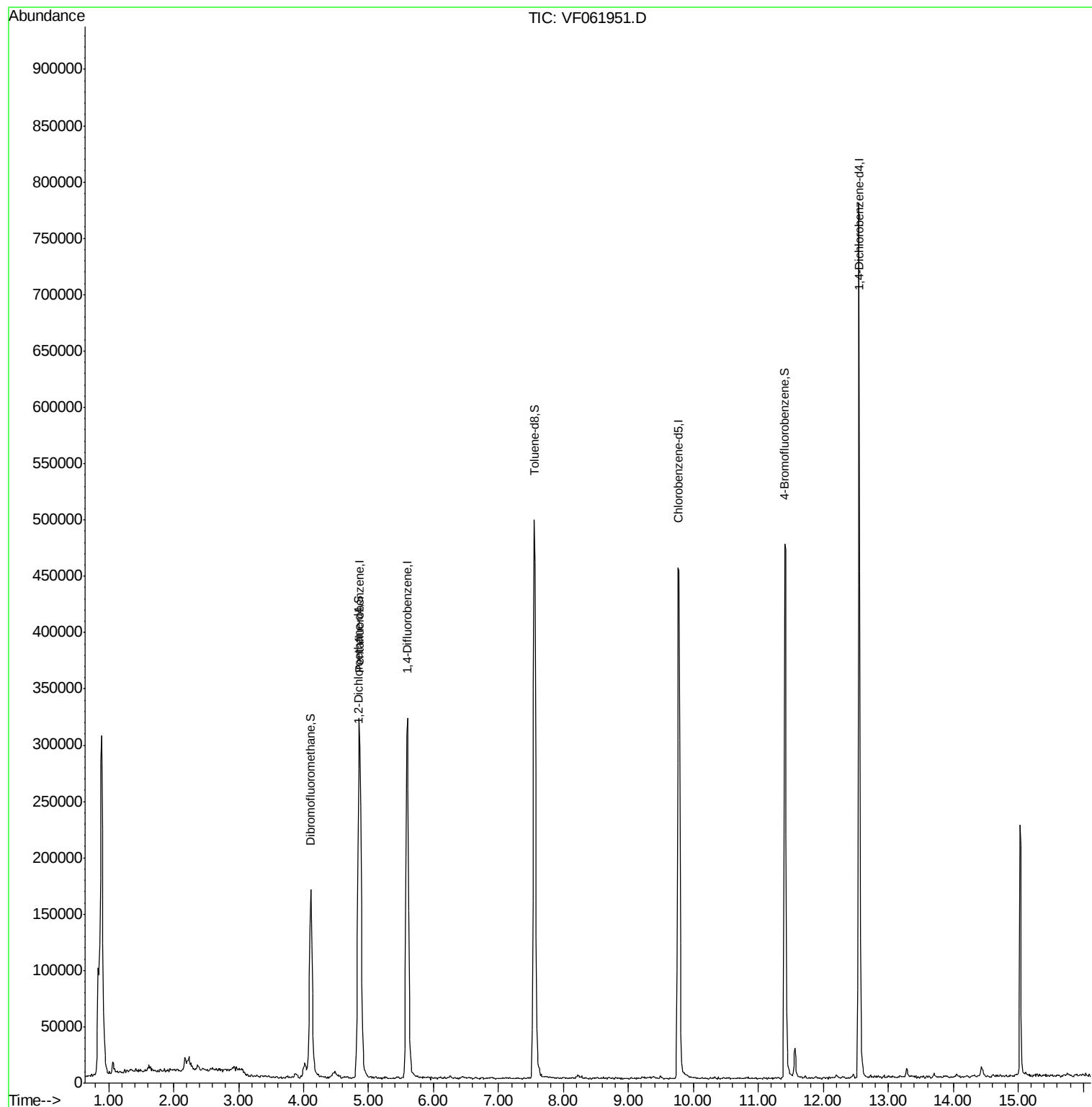
Target Compounds	Qvalue

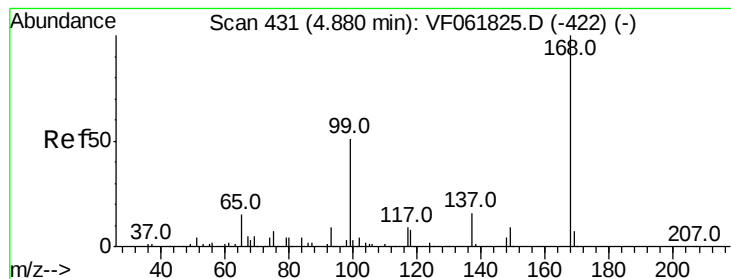
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061951.D

Acq: 14 Mar 2019 21:09

Instrument :

MSVOA_F

ClientSampleId :

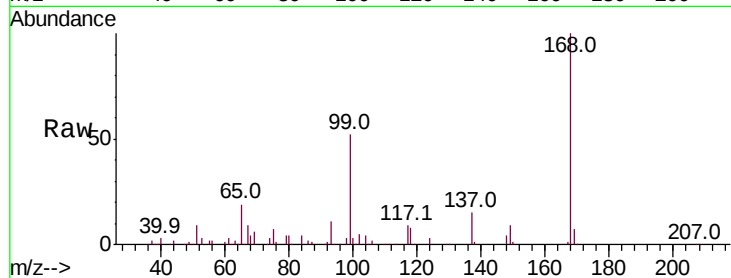
NB-SOIL-PILE-B

Tot Ion:168 Resp: 280713

Ion Ratio Lower Upper

168 100

99 51.7 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

100000

80000

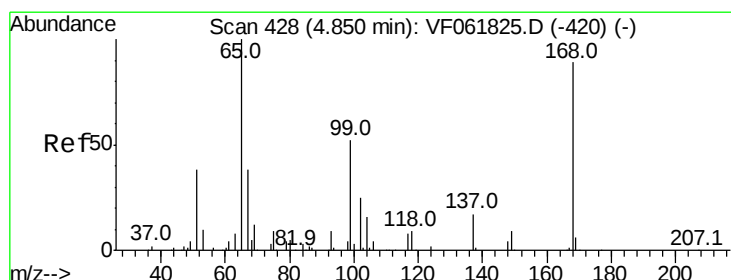
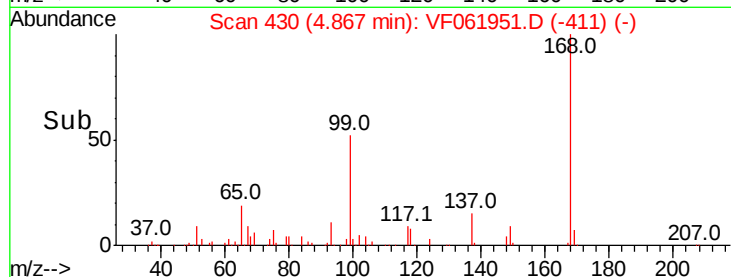
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 59.162 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061951.D

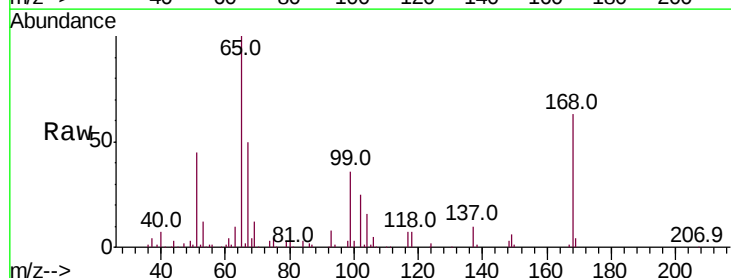
Acq: 14 Mar 2019 21:09

Tgt Ion: 65 Resp: 120944

Ion Ratio Lower Upper

65 100

67 49.5 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

50000

40000

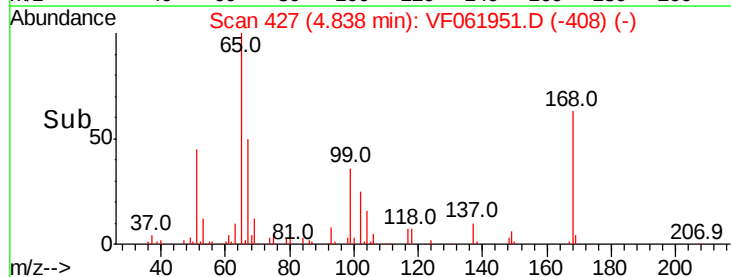
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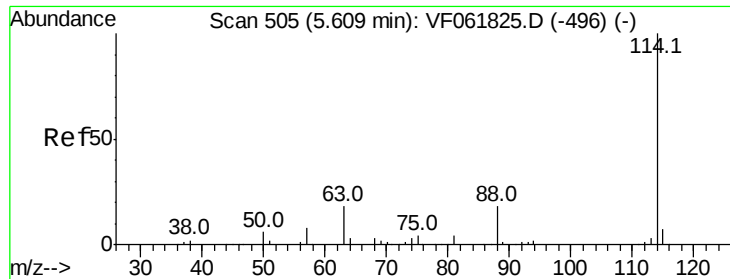
20000

10000

0

Time--> 4.70 4.80 4.90 5.00

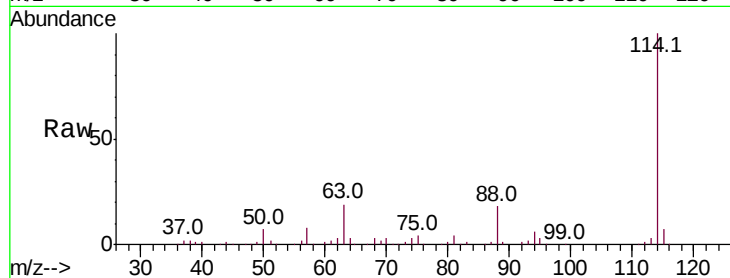




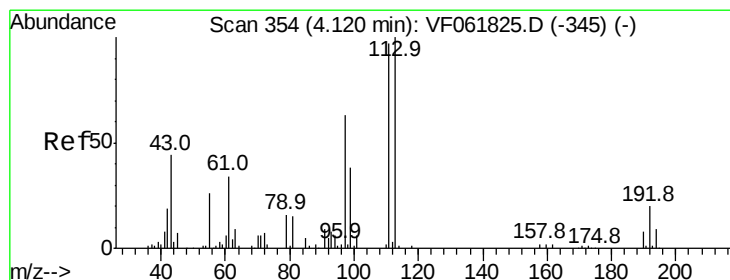
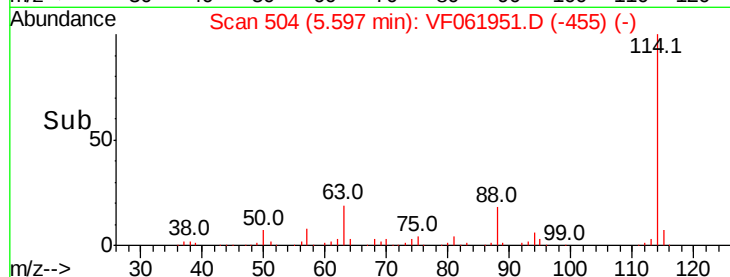
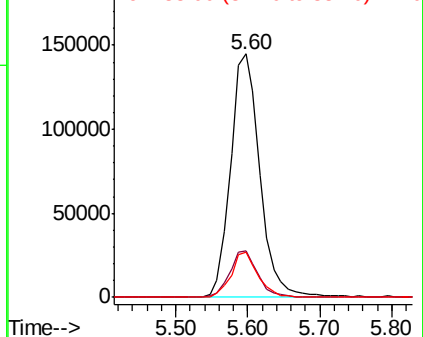
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF061951.D
 Acq: 14 Mar 2019 21:09

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-SOIL-PILE-B

Tot Ion:114 Resp: 410016
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 35.6
 88 18.3 0.0 35.6

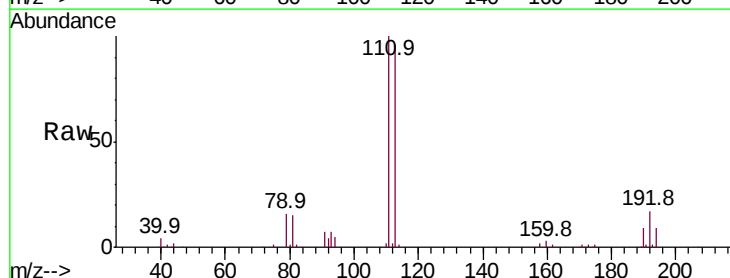


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

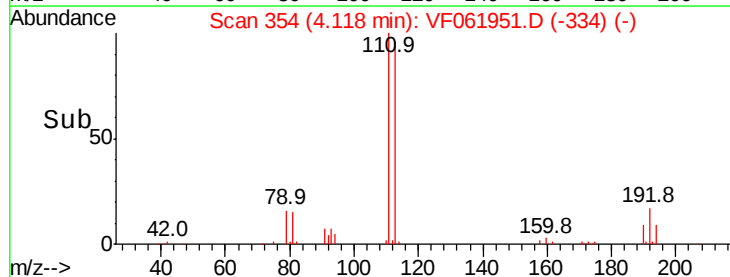
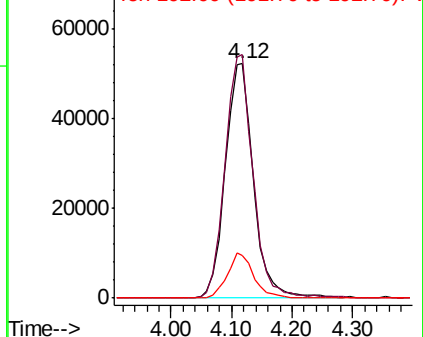


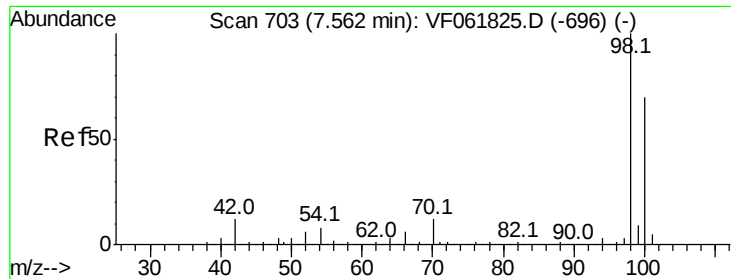
#35
 Dibromofluoromethane
 Concen: 58.890 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.00 min
 Lab File: VF061951.D
 Acq: 14 Mar 2019 21:09

Tgt Ion:113 Resp: 168506
 Ion Ratio Lower Upper
 113 100
 111 104.0 77.6 116.4
 192 18.2 15.9 23.9



Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

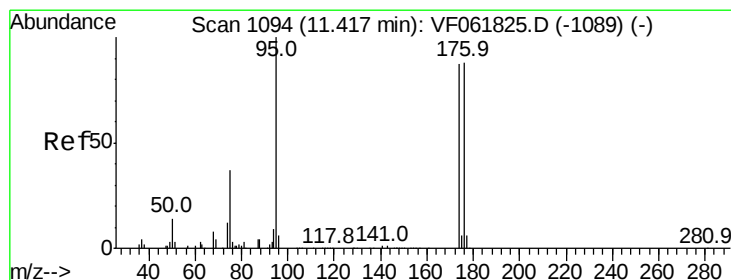
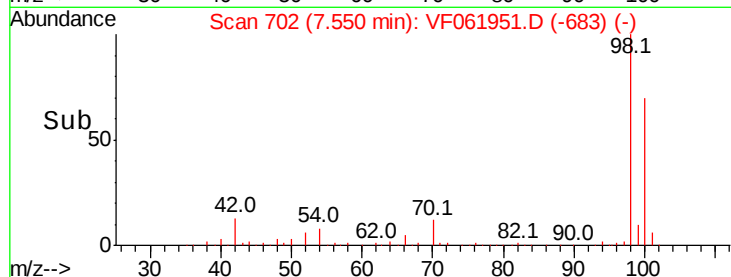
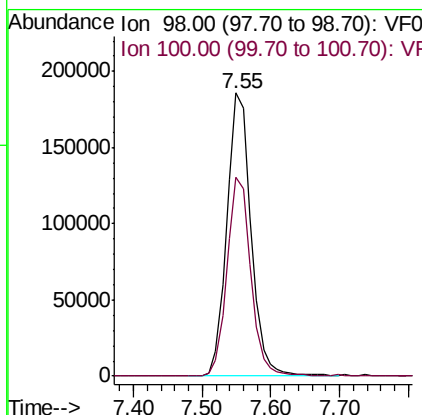
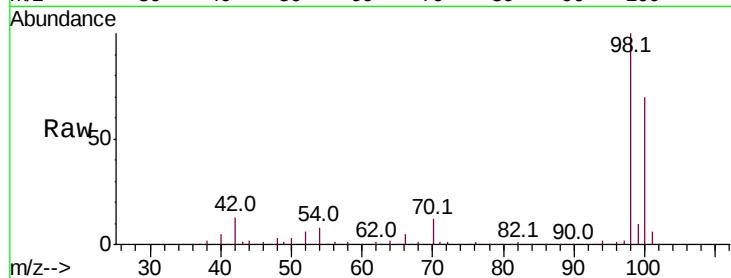




#50
Toluene-d8
Concen: 53.175 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061951.D
Acq: 14 Mar 2019 21:09

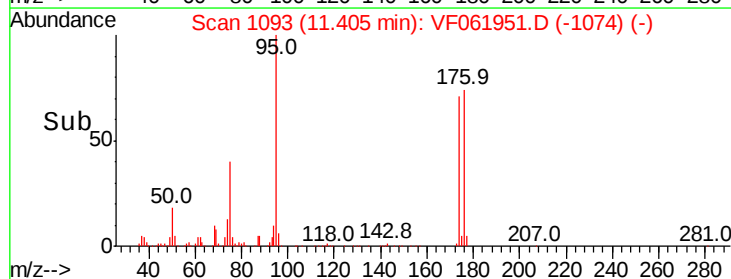
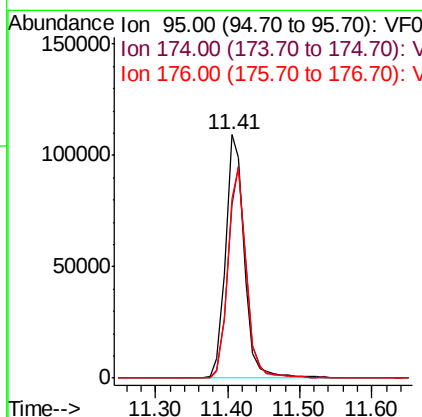
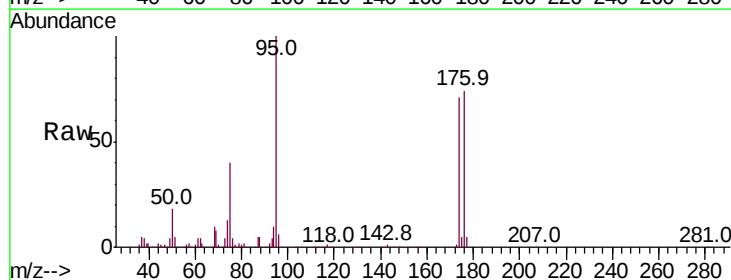
Instrument :
MSVOA_F
ClientSampleId :
NB-SOIL-PILE-B

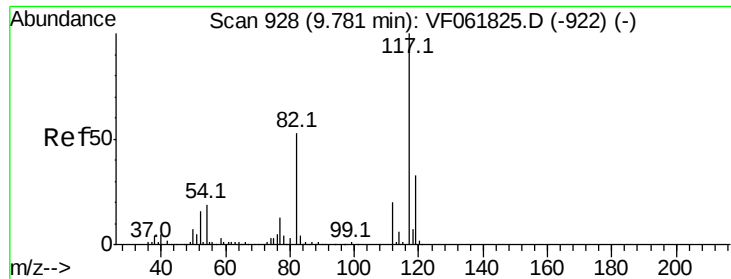
Tot Ion: 98 Resp: 452242
Ion Ratio Lower Upper
98 100
100 70.1 56.0 84.0



#62
4-Bromofluorobenzene
Concen: 59.174 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061951.D
Acq: 14 Mar 2019 21:09

Tgt Ion: 95 Resp: 197142
Ion Ratio Lower Upper
95 100
174 71.4 0.0 174.0
176 73.6 0.0 175.2

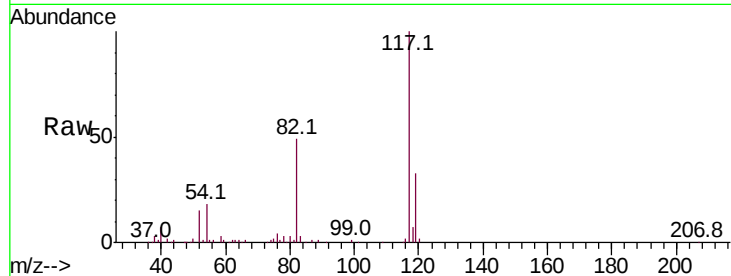




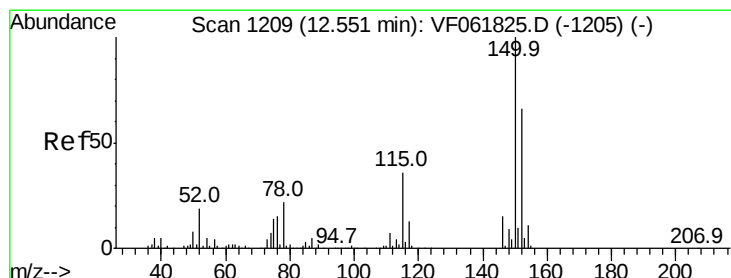
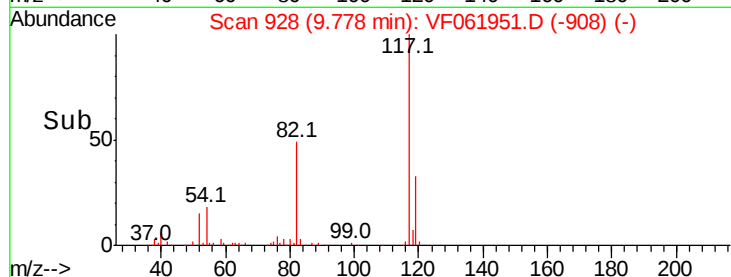
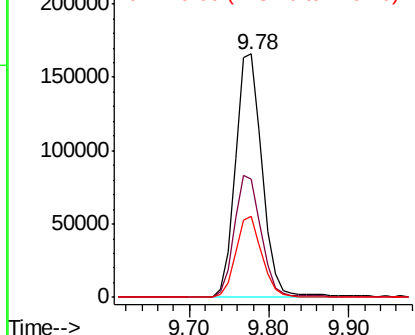
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF061951.D
Acq: 14 Mar 2019 21:09

Instrument :
MSVOA_F
ClientSampleId :
NB-SOIL-PILE-B

Tot Ion:117 Resp: 387016
Ion Ratio Lower Upper
117 100
82 48.7 42.6 63.8
119 33.2 26.0 39.0

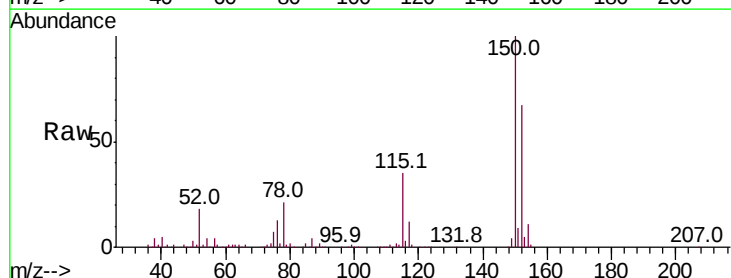


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061951.D
Acq: 14 Mar 2019 21:09

Tgt Ion:152 Resp: 211398
Ion Ratio Lower Upper
152 100
115 52.4 27.7 83.1
150 149.1 0.0 304.2



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

