

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011719\
 Data File : VF061442.D
 Acq On : 17 Jan 2019 14:00
 Operator : VA/AP
 Sample : K1157-04RE
 Misc : 5.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-02-011519

Quant Time: Jan 18 03:18:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

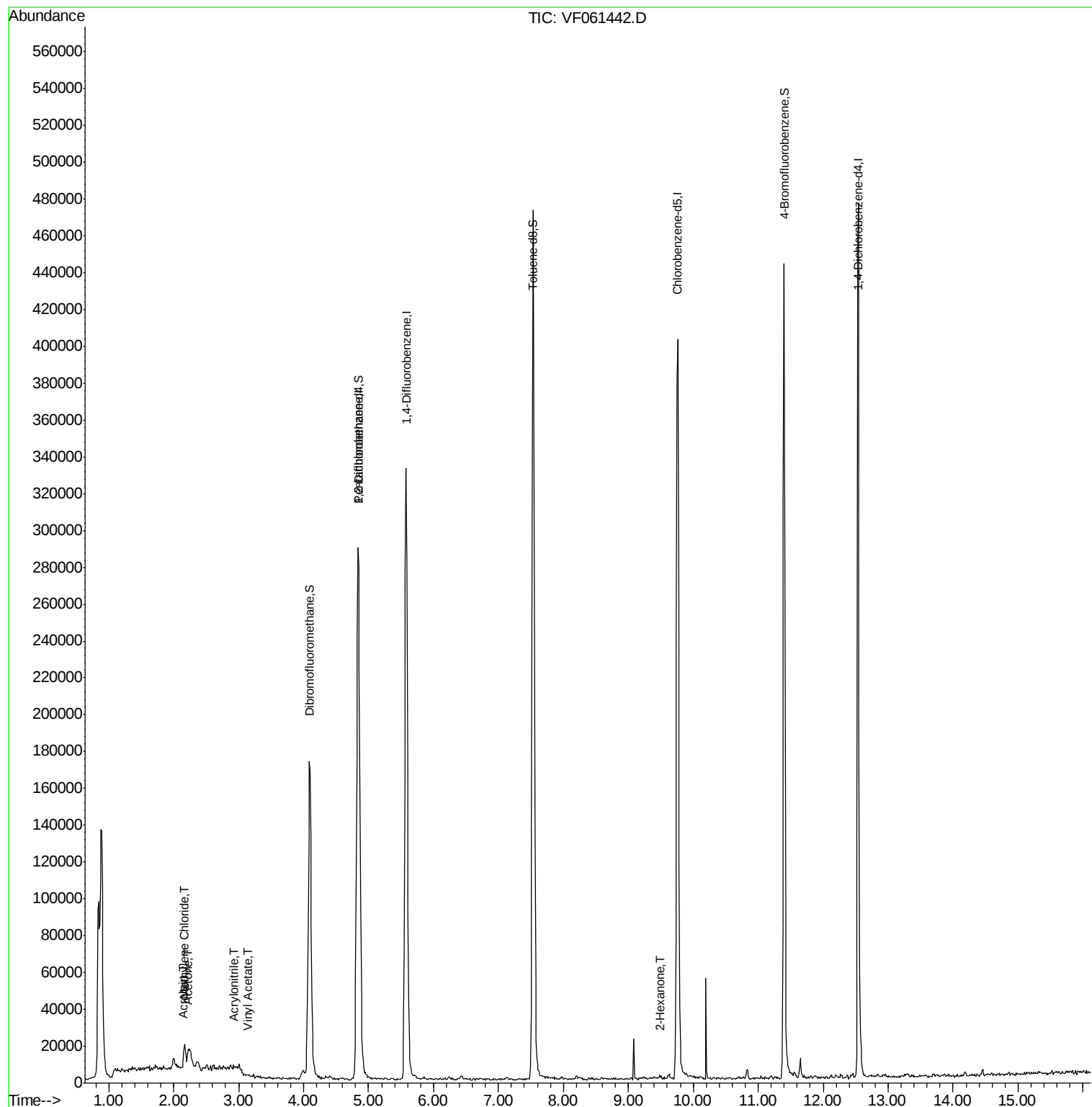
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	204465	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	367238	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	299792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	125947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	134947	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
35) Dibromofluoromethane	4.09	113	171652	59.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.46%	
50) Toluene-d8	7.53	98	417777	52.62	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.40	95	170581	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
					Qvalue	
13) Acrolein	2.14	56	144	11.837	ug/l	88
14) Allyl chloride	2.16	41	401	Below Cal	#	83
15) Acrylonitrile	2.94	53	497	1.816	ug/l #	14
16) Acetone	2.22	43	2444	4.826	ug/l #	85
20) Methylene Chloride	2.17	84	5720	1.627	ug/l #	87
23) Vinyl Acetate	3.15	43	674	3.428	ug/l #	78
49) 1,4-Dioxane	6.71	88	59	Below Cal	#	13
59) 2-Hexanone	9.47	43	1542	1.408	ug/l	72

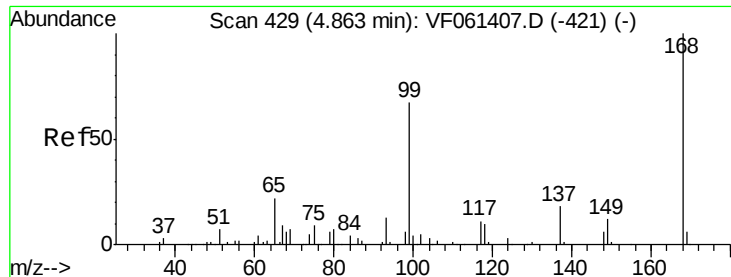
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011719\
Data File : VF061442.D
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Misc : 5.01µ/5mL/MSVOA-F/SOIL
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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

Instrument :

MSVOA_F

ClientSampleId :

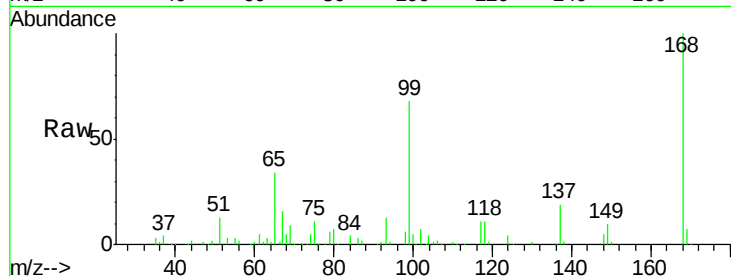
WC-02-011519

Tot Ion:168 Resp: 204465

Ion Ratio Lower Upper

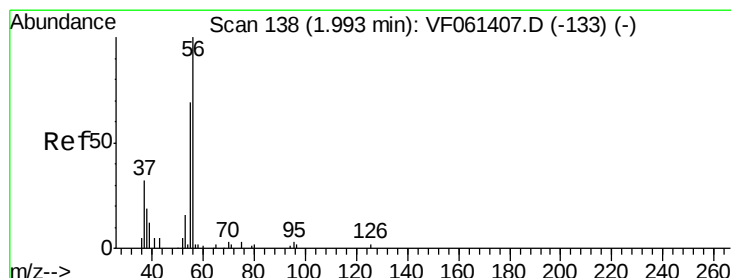
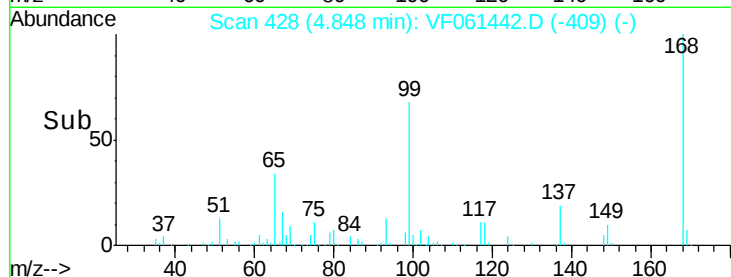
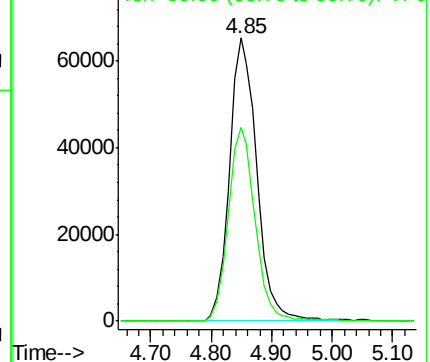
168 100

99 68.4 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#13

Acrolein

Concen: 11.837 ug/l

RT: 2.14 min Scan# 153

Delta R.T. 0.14 min

Lab File: VF061442.D

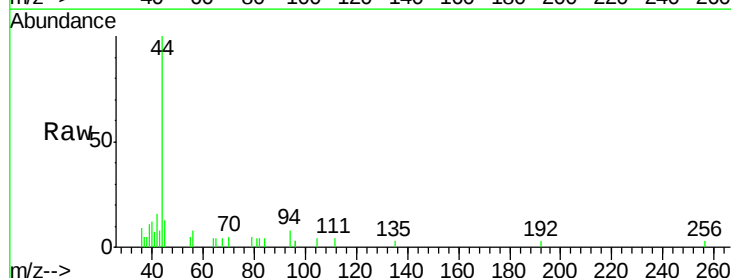
Acq: 17 Jan 2019 14:00

Tgt Ion: 56 Resp: 144

Ion Ratio Lower Upper

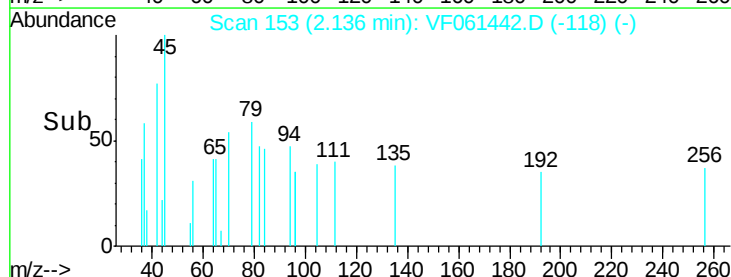
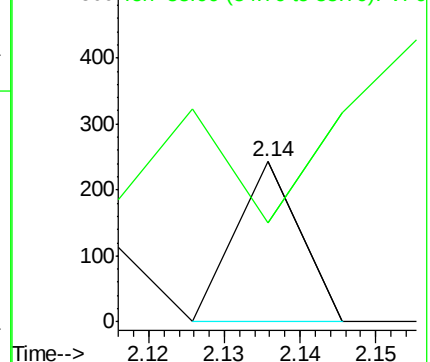
56 100

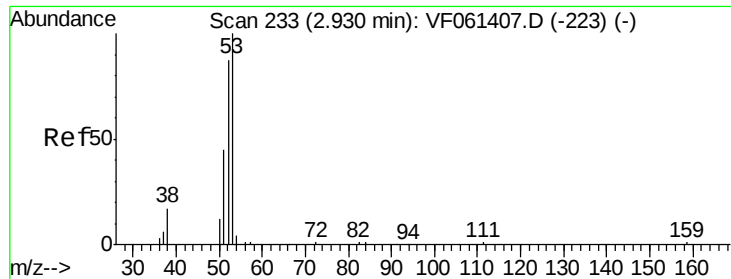
55 62.1 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0





#15

Acrylonitrile

Concen: 1.816 ug/l

RT: 2.94 min Scan# 235

Delta R.T. 0.01 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

Instrument :

MSVOA_F

ClientSampled :

WC-02-011519

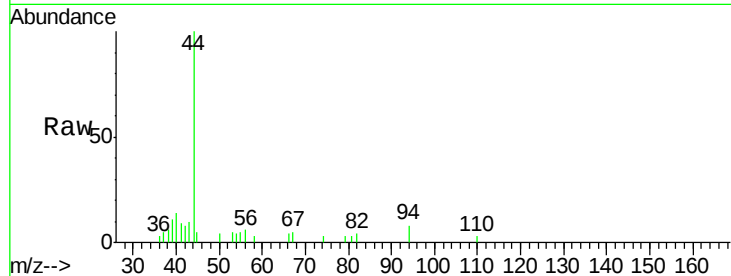
Tot Ion: 53 Resp: 497

Ion Ratio Lower Upper

53 100

52 0.0 69.6 104.4#

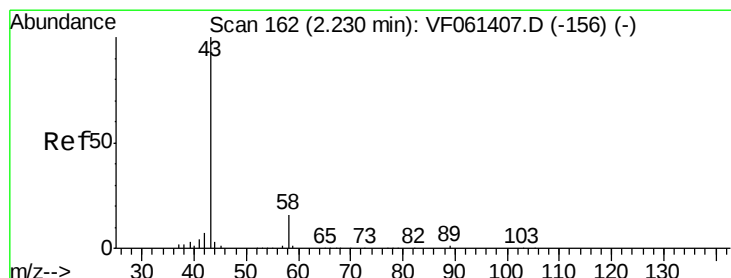
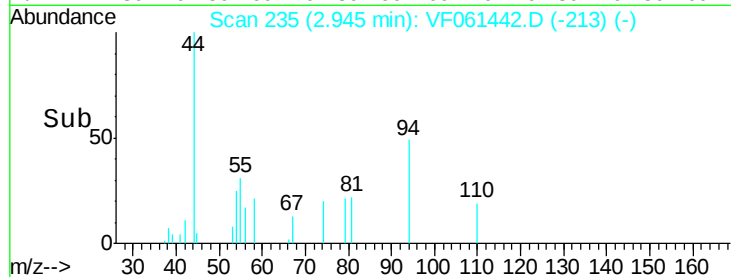
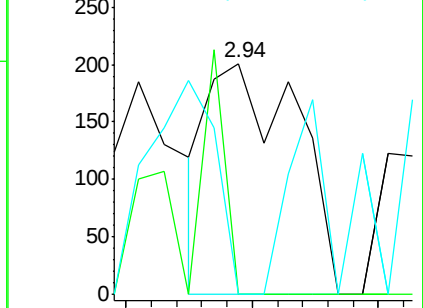
51 0.0 36.8 55.2#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 4.826 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061442.D

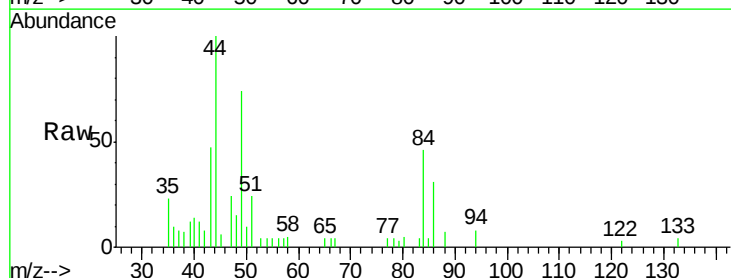
Acq: 17 Jan 2019 14:00

Tgt Ion: 43 Resp: 2444

Ion Ratio Lower Upper

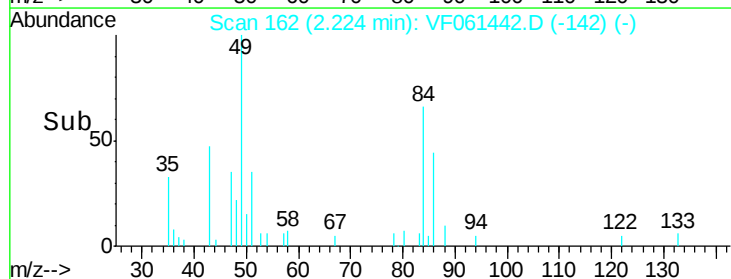
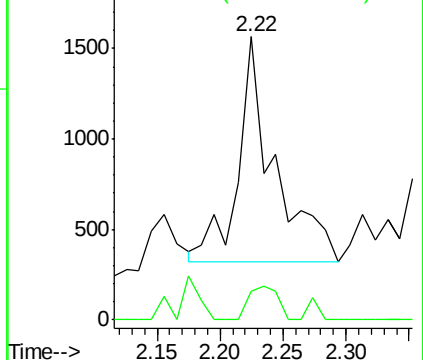
43 100

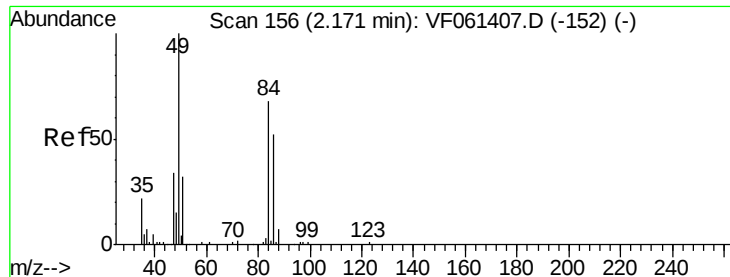
58 10.2 13.3 19.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

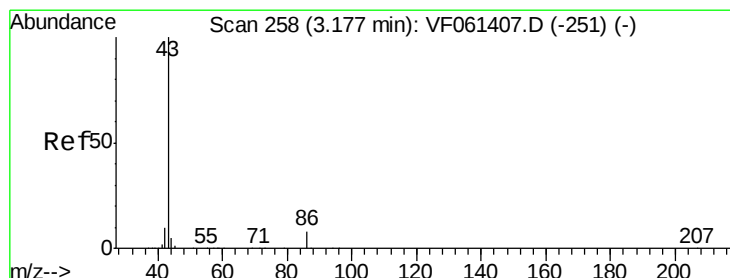
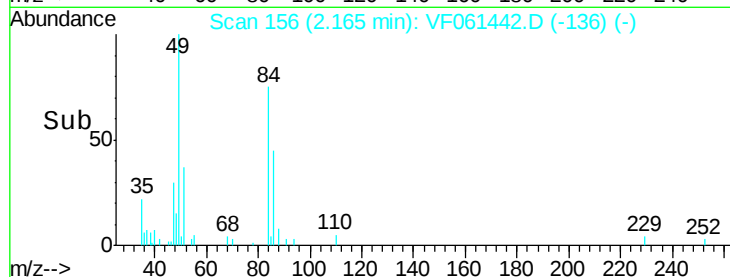
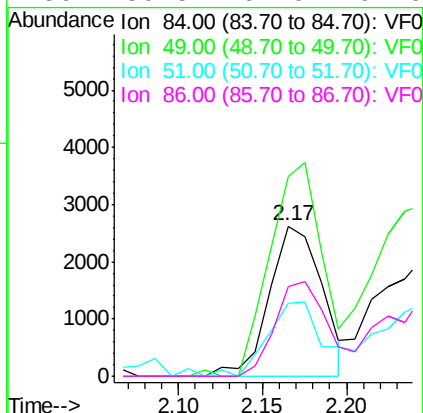
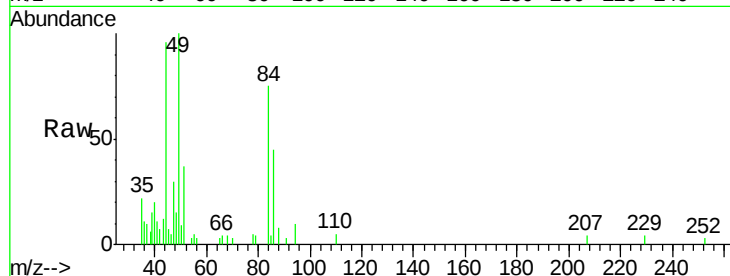




#20
Methvlene Chloride
Concen: 1.627 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.00 min
Lab File: VF061442.D
Acq: 17 Jan 2019 14:00

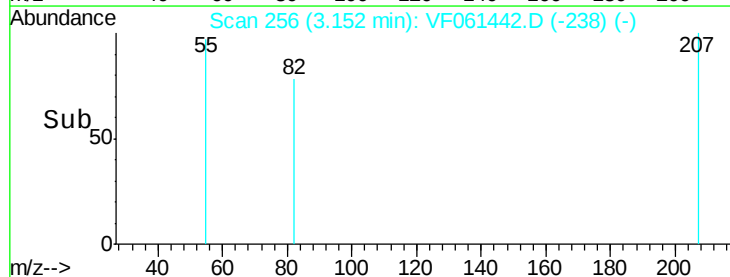
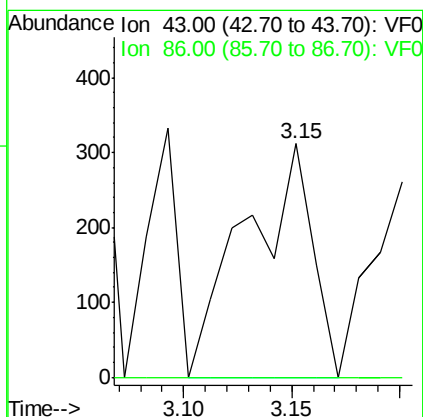
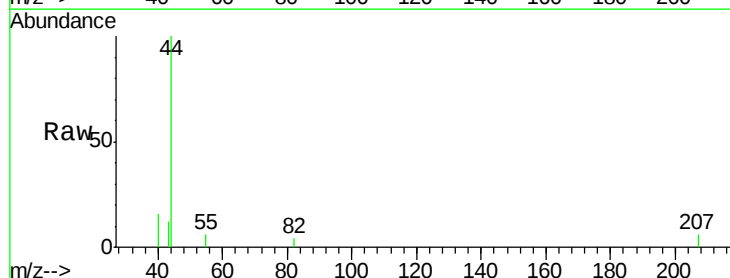
Instrument :
MSVOA_F
ClientSampleId :
WC-02-011519

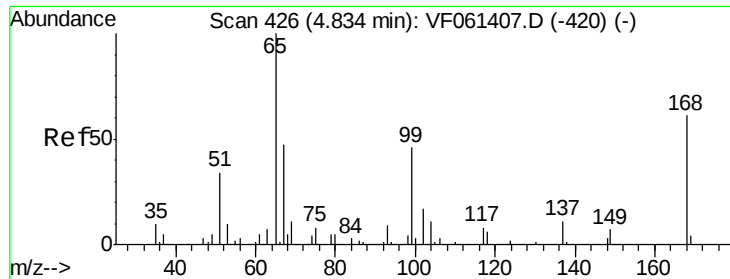
Tot Ion: 84 Resp: 5720
Ion Ratio Lower Upper
84 100
49 133.3 120.0 180.0
51 48.7 38.6 58.0
86 59.5 61.0 91.6#



#23
Vinyl Acetate
Concen: 3.428 ug/l
RT: 3.15 min Scan# 256
Delta R.T. -0.02 min
Lab File: VF061442.D
Acq: 17 Jan 2019 14:00

Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
86 0.0 6.2 9.4#





#33

1,2-Dichloroethane-d4

Concen: 53.457 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

Instrument :

MSVOA_F

ClientSampleId :

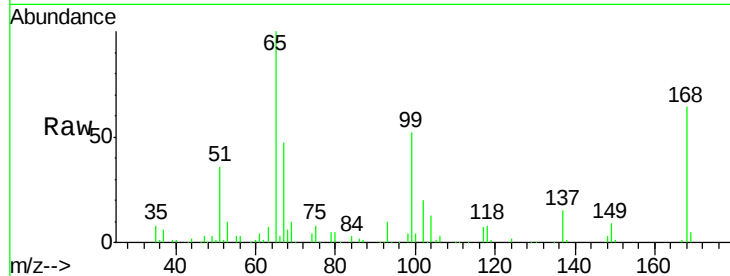
WC-02-011519

Tot Ion: 65 Resp: 134947

Ion Ratio Lower Upper

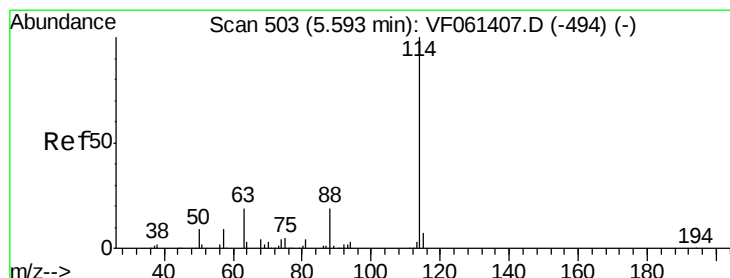
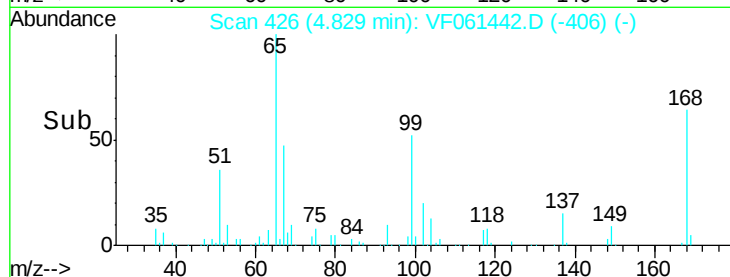
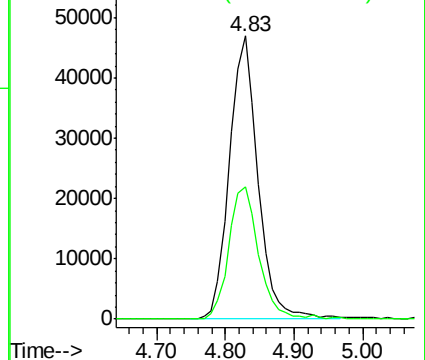
65 100

67 46.9 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

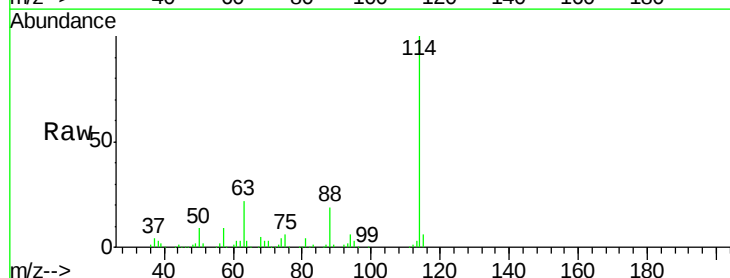
Tgt Ion: 114 Resp: 367238

Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.0

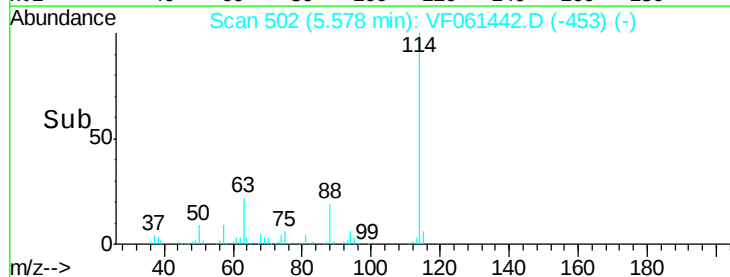
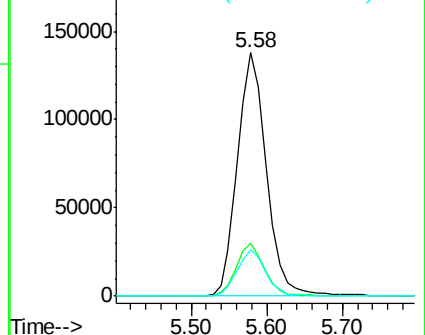
88 19.2 0.0 37.4

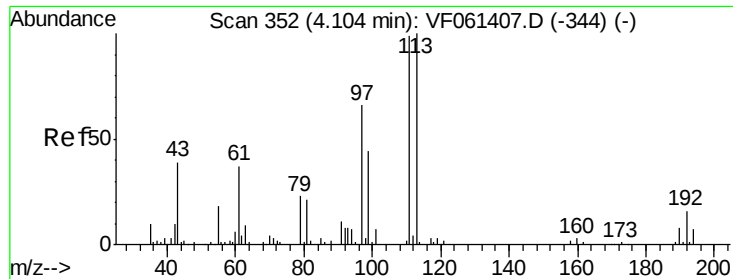


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

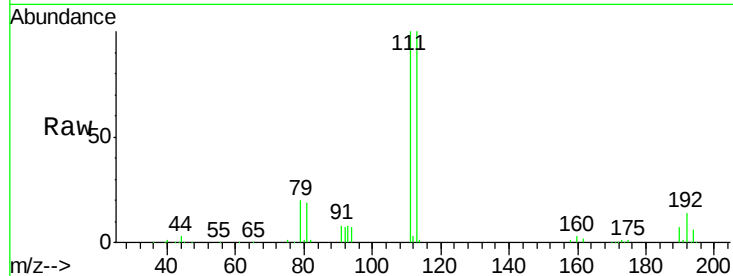




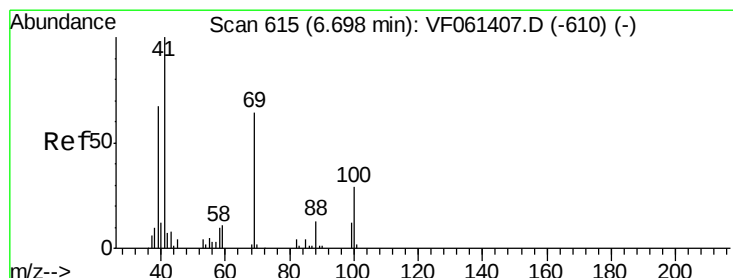
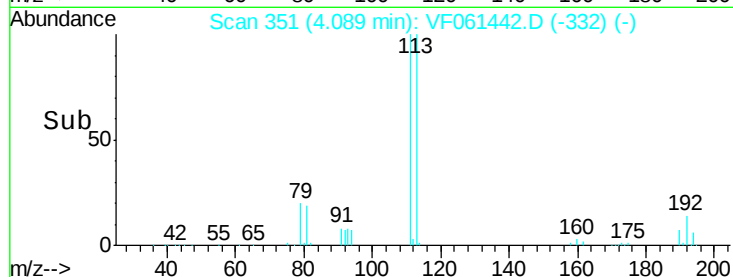
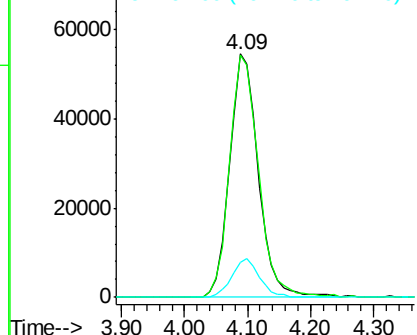
#35
 Dibromofluoromethane
 Concen: 59.235 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VF061442.D
 Acq: 17 Jan 2019 14:00

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-02-011519

Tot Ion:113 Resp: 171652
 Ion Ratio Lower Upper
 113 100
 111 99.5 79.4 119.0
 192 14.3 12.4 18.6

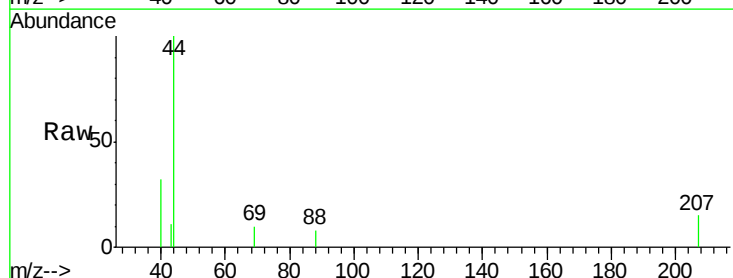


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

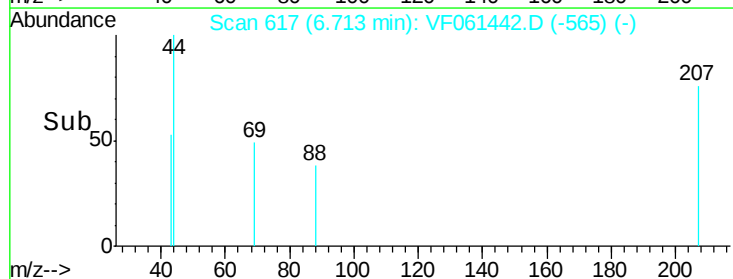
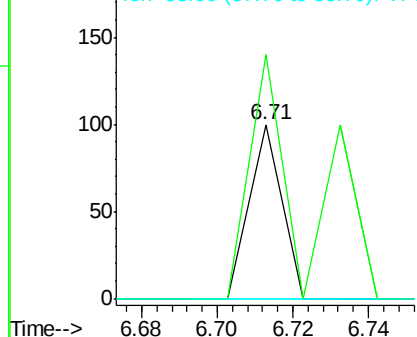


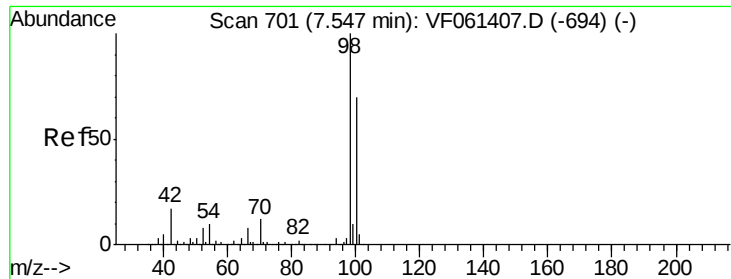
#49
 1,4-Dioxane
 Concen: Below Cal
 RT: 6.71 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: VF061442.D
 Acq: 17 Jan 2019 14:00

Tgt Ion: 88 Resp: 59
 Ion Ratio Lower Upper
 88 100
 43 140.0 55.5 83.3#
 58 0.0 59.9 89.9#



Abundance Ion 88.00 (87.70 to 88.70): VF0
 Ion 43.00 (42.70 to 43.70): VF0
 Ion 58.00 (57.70 to 58.70): VF0





#50

Toluene-d8

Concen: 52.620 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

Instrument :

MSVOA_F

ClientSampleId :

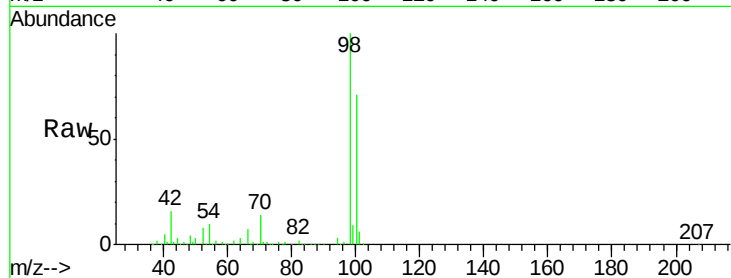
WC-02-011519

Tot Ion: 98 Resp: 417777

Ion Ratio Lower Upper

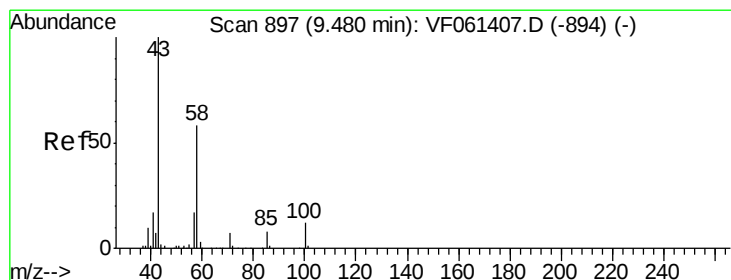
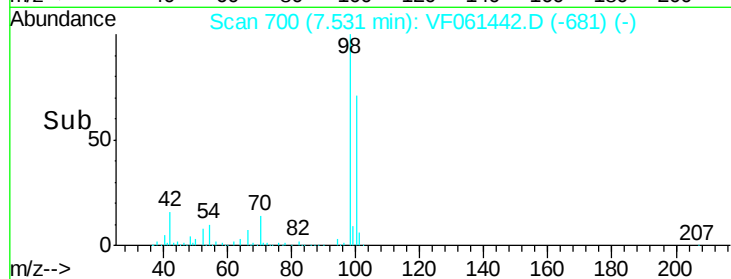
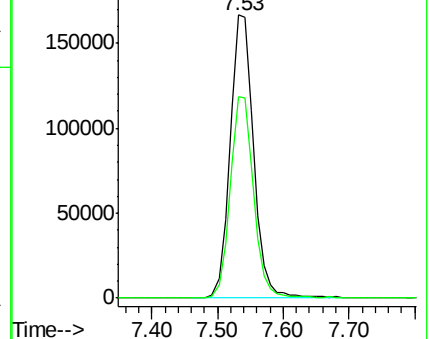
98 100

100 71.1 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#59

2-Hexanone

Concen: 1.408 ug/l

RT: 9.47 min Scan# 897

Delta R.T. -0.01 min

Lab File: VF061442.D

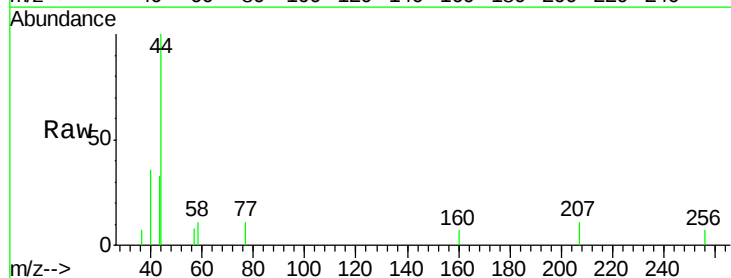
Acq: 17 Jan 2019 14:00

Tgt Ion: 43 Resp: 1542

Ion Ratio Lower Upper

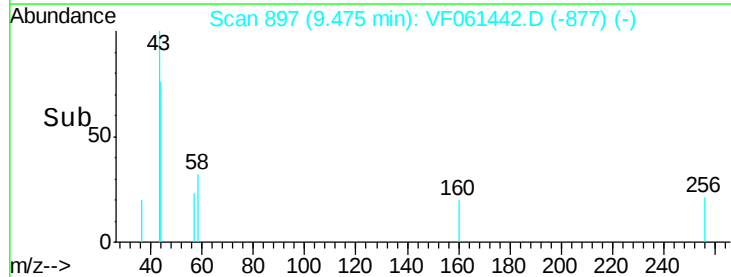
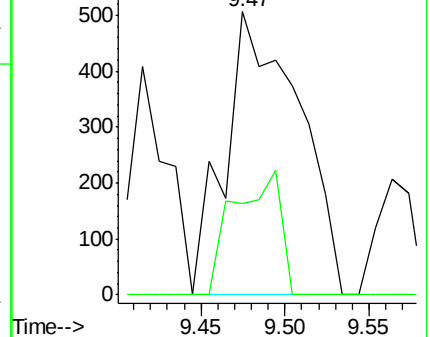
43 100

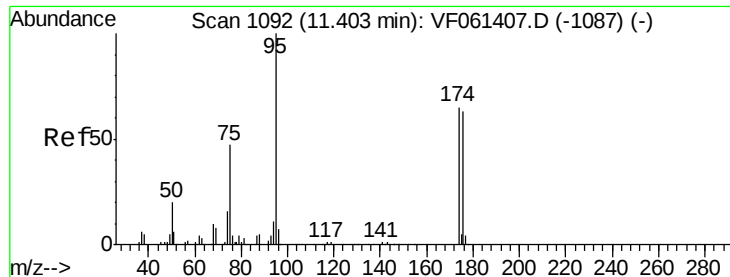
58 32.2 25.9 77.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

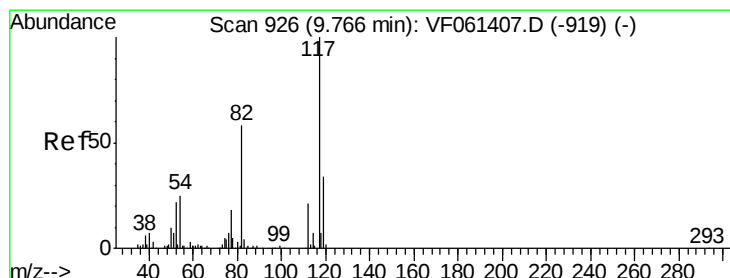
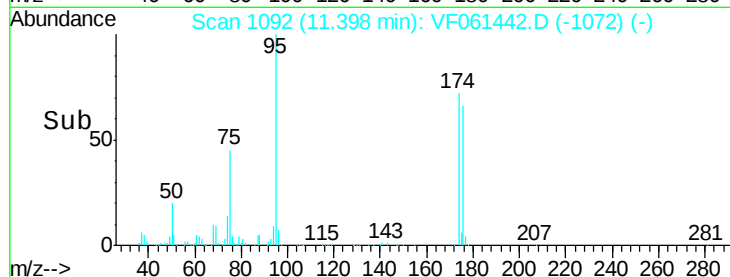
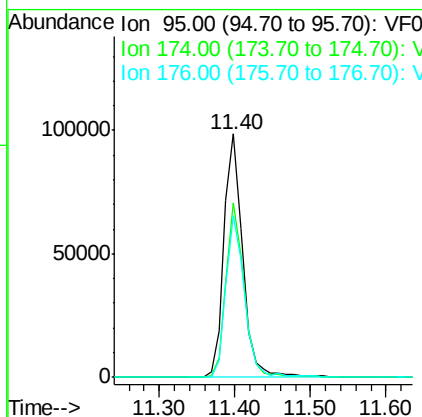
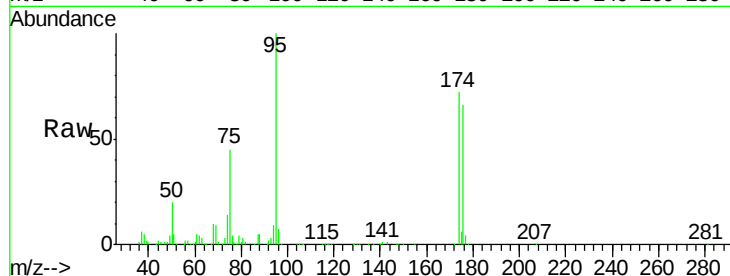




#62
4-Bromofluorobenzene
Concen: 45.984 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061442.D
Acq: 17 Jan 2019 14:00

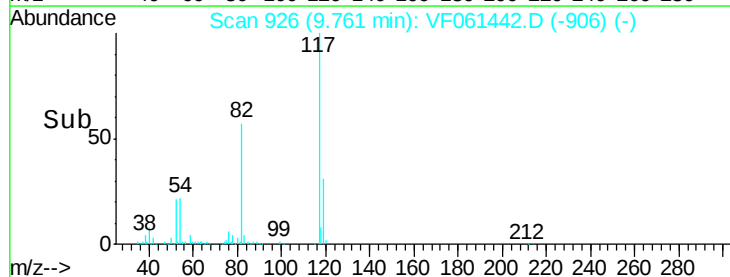
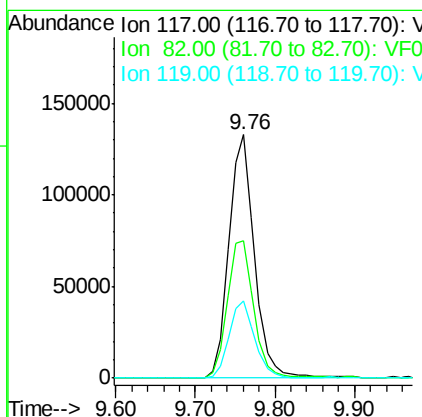
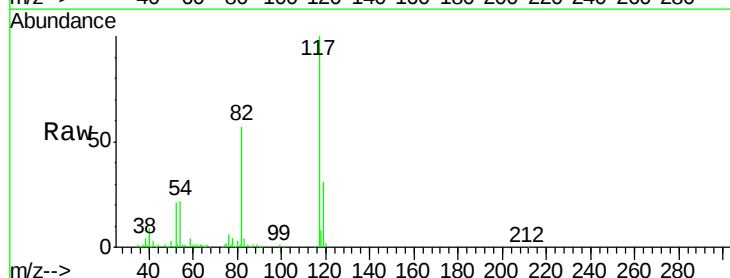
Instrument :
MSVOA_F
ClientSampled :
WC-02-011519

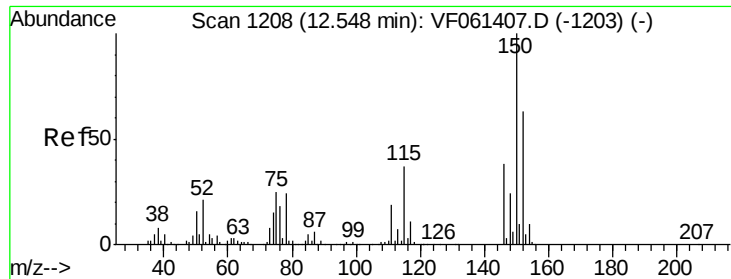
Tot Ion: 95 Resp: 170581
Ion Ratio Lower Upper
95 100
174 71.7 0.0 130.4
176 66.2 0.0 126.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061442.D
Acq: 17 Jan 2019 14:00

Tgt Ion: 117 Resp: 299792
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.5 27.2 40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061442.D

Acq: 17 Jan 2019 14:00

Instrument :

MSVOA_F

ClientSampleId :

WC-02-011519

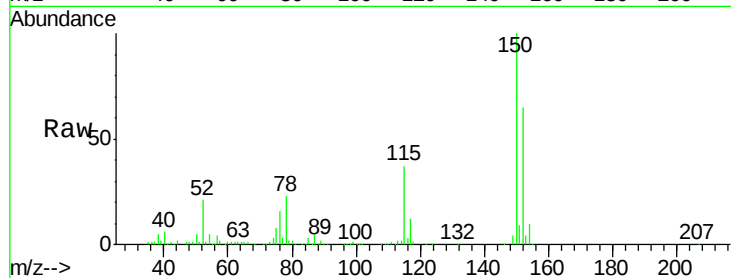
Tot Ion:152 Resp: 125947

Ion Ratio Lower Upper

152 100

115 57.3 30.0 90.0

150 153.8 0.0 321.4



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

