

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061431.D
 Acq On : 17 Jan 2019 00:29
 Operator : VA/AP
 Sample : K1157-10
 Misc : 5.04g/5mL/MSVOA-F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-05-011519

Quant Time: Jan 17 03:00:35 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

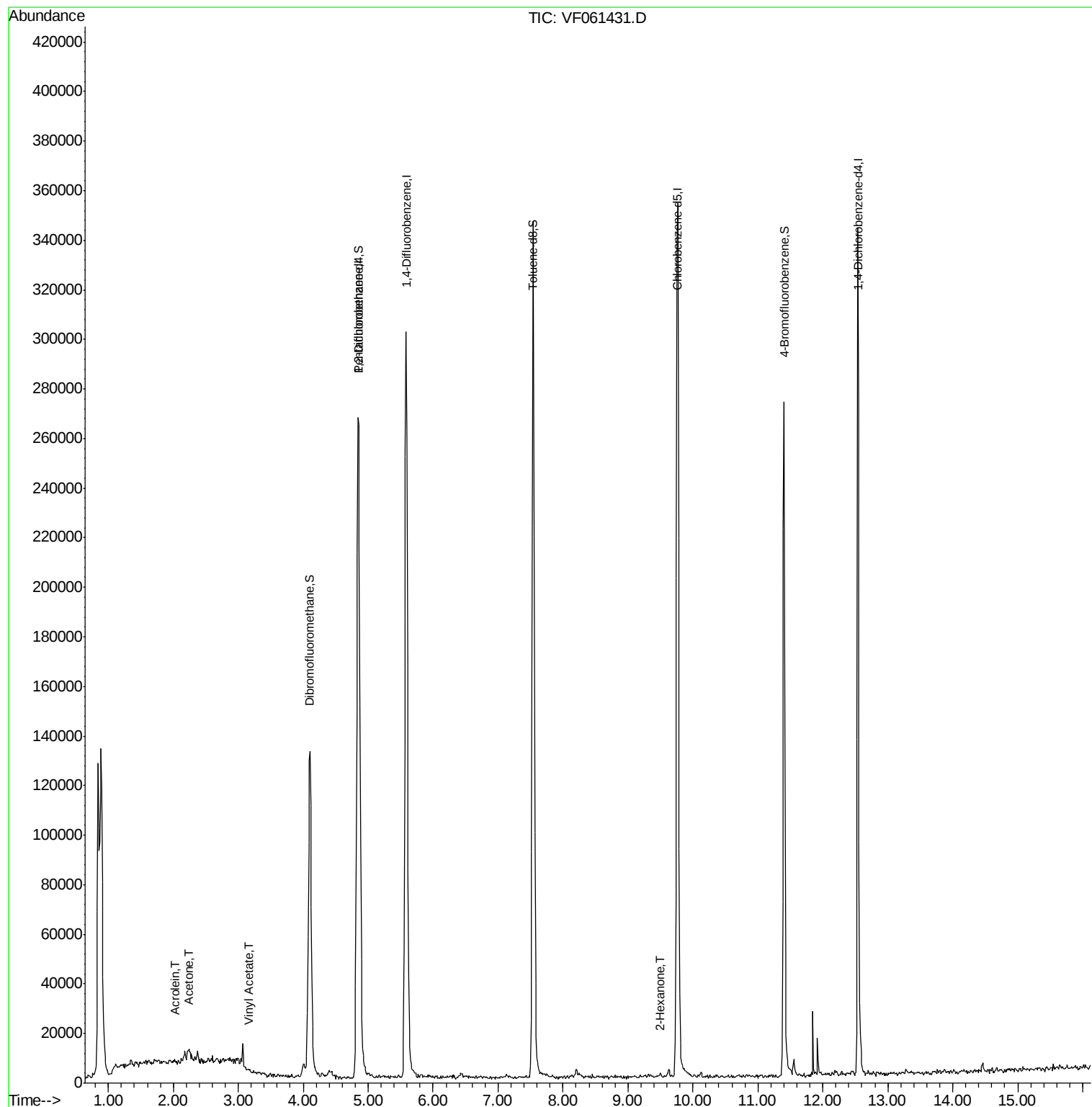
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	196448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	340730	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	261975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	84054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	115136	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
35) Dibromofluoromethane	4.10	113	130594	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	7.55	98	298957	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
62) 4-Bromofluorobenzene	11.40	95	107023	31.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.20%	
Target Compounds						
					Qvalue	
13) Acrolein	2.02	56	569	16.505	ug/l	97
14) Allyl chloride	2.03	41	1180	Below Cal	#	31
16) Acetone	2.24	43	1445	2.970	ug/l #	61
20) Methylene Chloride	2.24	84	2895	Below Cal		88
23) Vinyl Acetate	3.17	43	884	3.513	ug/l #	78
59) 2-Hexanone	9.48	43	1352	1.331	ug/l #	61

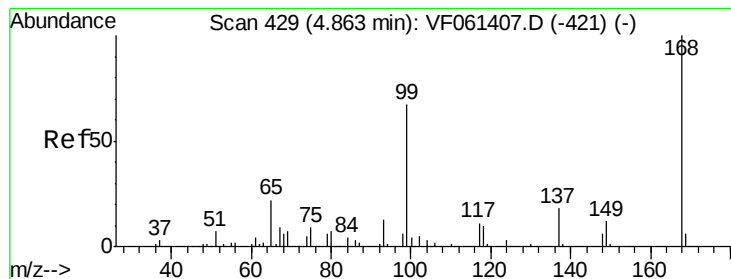
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.01 min

Lab File: VF061431.D

Acq: 17 Jan 2019 00:29

Instrument :

MSVOA_F

ClientSampleId :

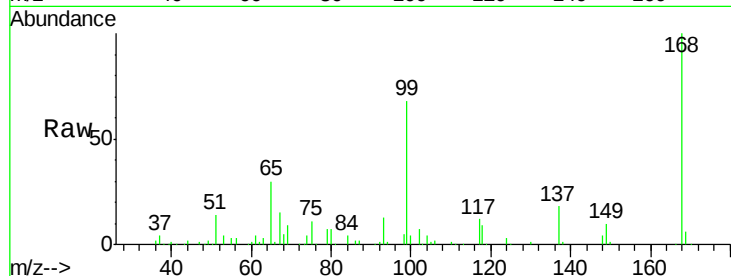
WC-05-011519

Tot Ion:168 Resp: 196448

Ion Ratio Lower Upper

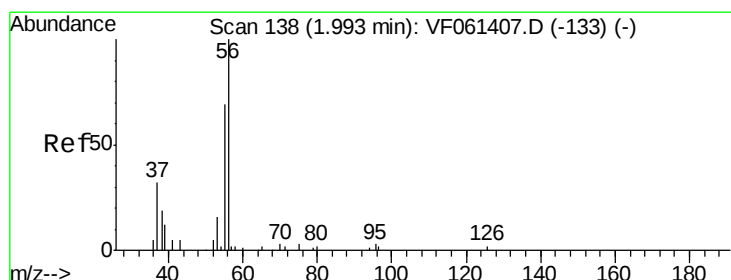
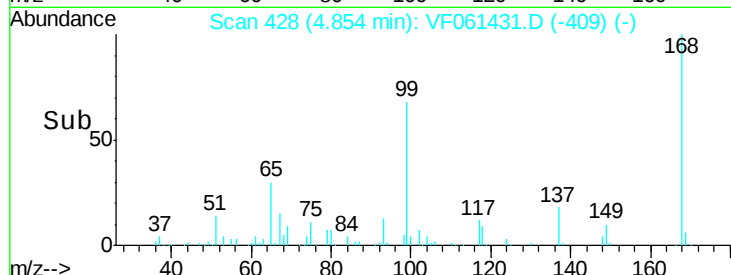
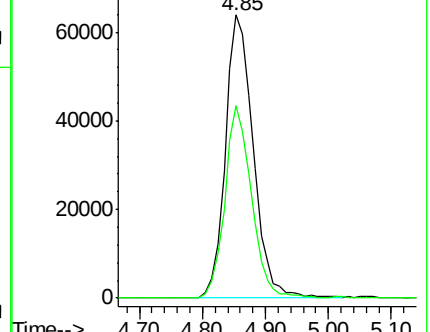
168 100

99 68.1 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#13

Acrolein

Concen: 16.505 ug/l

RT: 2.02 min Scan# 141

Delta R.T. 0.03 min

Lab File: VF061431.D

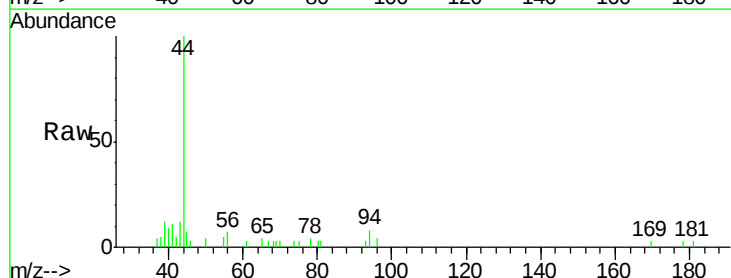
Acq: 17 Jan 2019 00:29

Tgt Ion: 56 Resp: 569

Ion Ratio Lower Upper

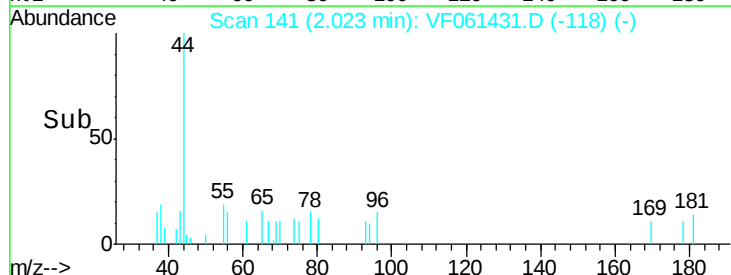
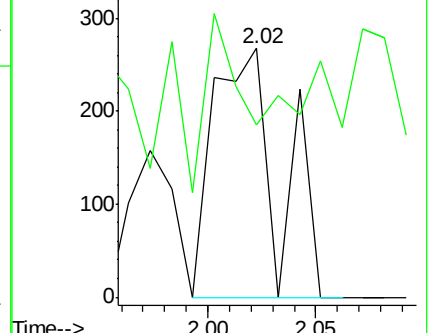
56 100

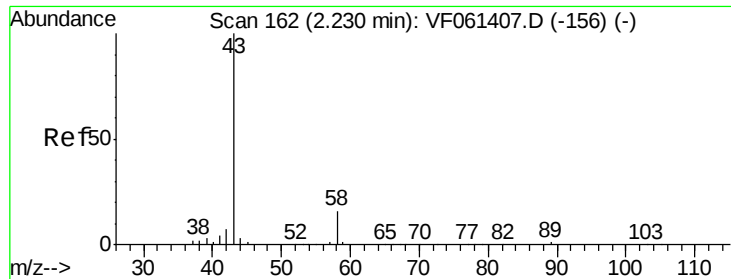
55 69.4 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0





#16

Acetone

Concen: 2.970 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061431.D

Acq: 17 Jan 2019 00:29

Instrument :

MSVOA_F

ClientSampleId :

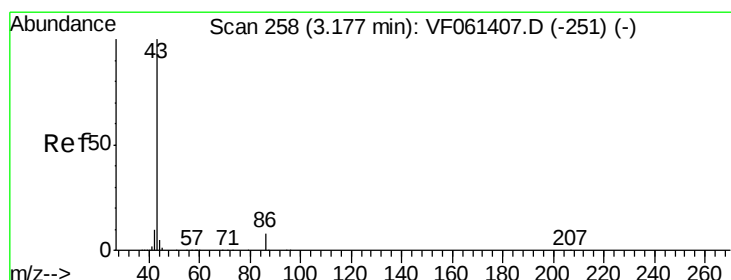
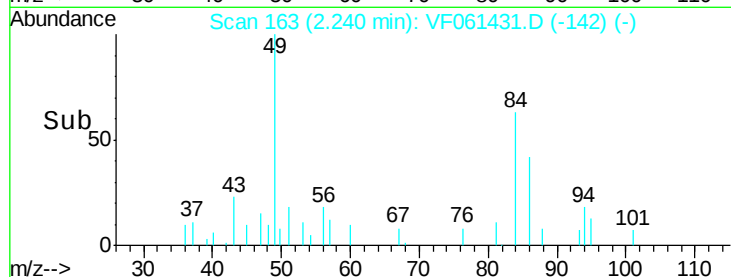
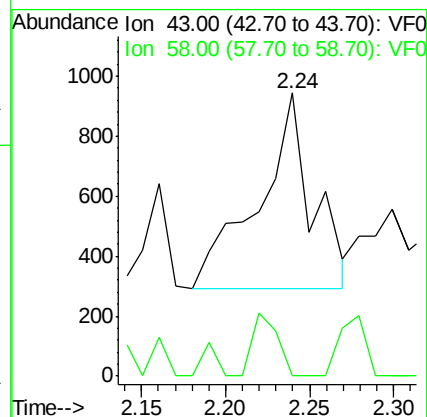
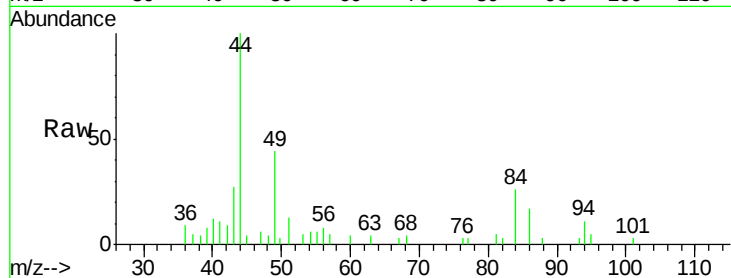
WC-05-011519

Tot Ion: 43 Resp: 1445

Ion Ratio Lower Upper

43 100

58 0.0 13.3 19.9#



#23

Vinyl Acetate

Concen: 3.513 ug/l

RT: 3.17 min Scan# 257

Delta R.T. -0.01 min

Lab File: VF061431.D

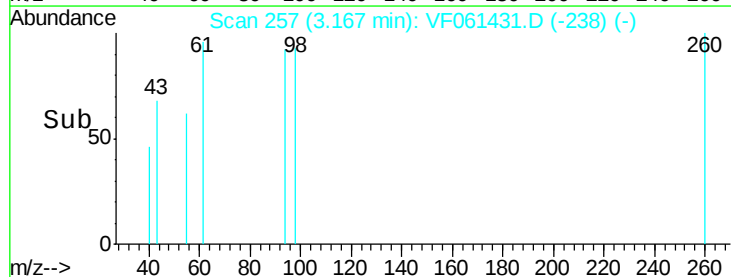
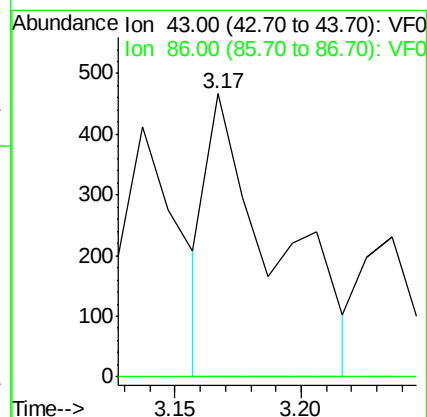
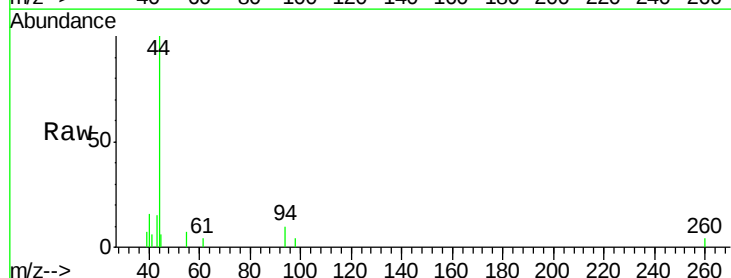
Acq: 17 Jan 2019 00:29

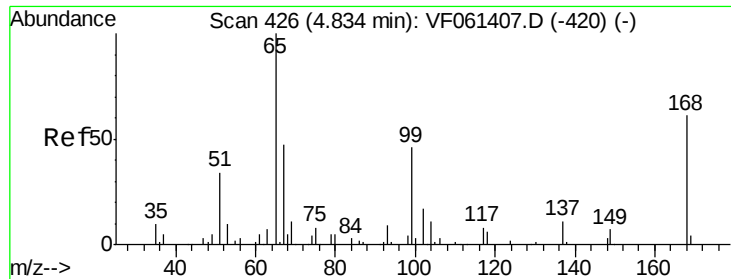
Tgt Ion: 43 Resp: 884

Ion Ratio Lower Upper

43 100

86 0.0 6.2 9.4#





#33

1,2-Dichloroethane-d4

Concen: 47.471 ug/l

RT: 4.83 min Scan# 426

Delta R.T. 0.00 min

Lab File: VF061431.D

Acq: 17 Jan 2019 00:29

Instrument :

MSVOA_F

ClientSampleId :

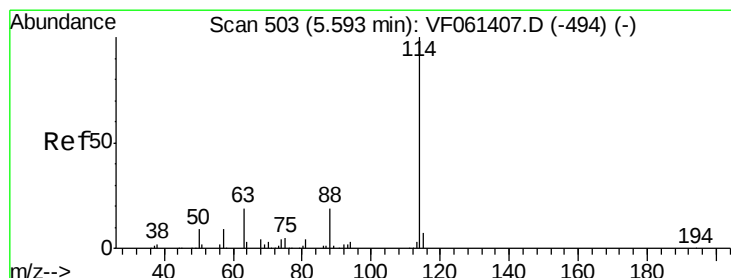
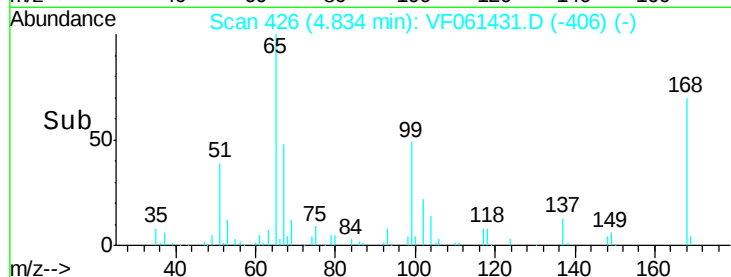
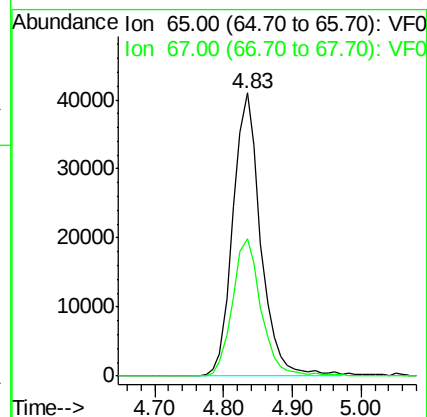
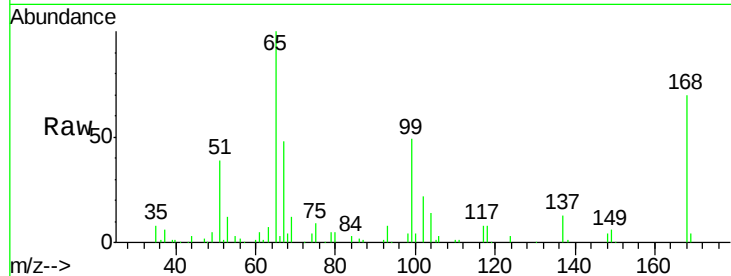
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Tot Ion: 65 Resp: 115136

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061431.D

Acq: 17 Jan 2019 00:29

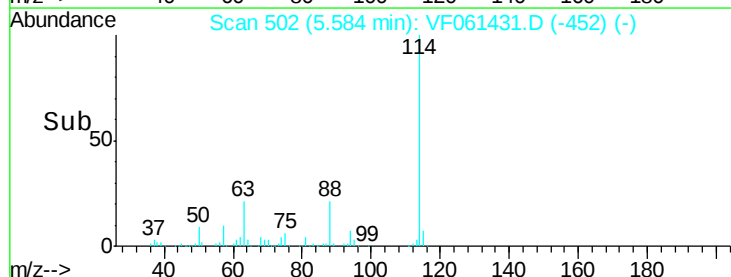
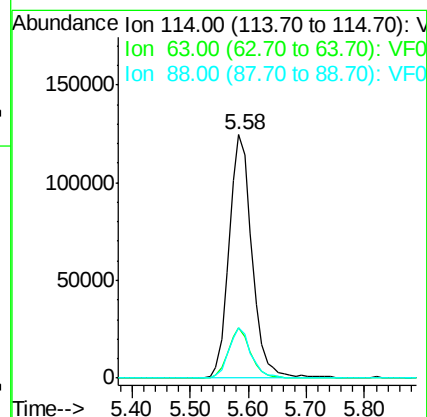
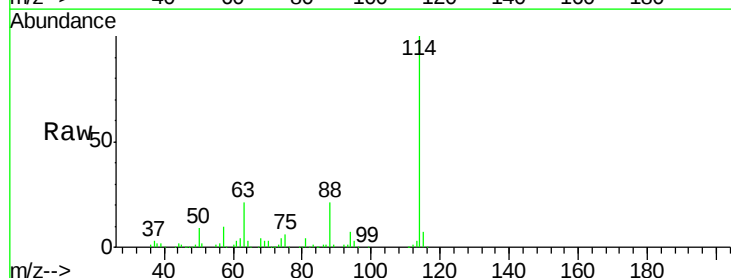
Tgt Ion: 114 Resp: 340730

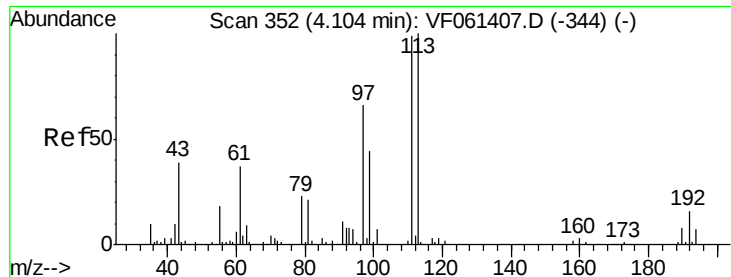
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

88 20.8 0.0 37.4





#35

Dibromofluoromethane

Concen: 48.572 ug/l

RT: 4.10 min Scan# 352

Delta R.T. 0.00 min

Lab File: VF061431.D

Acq: 17 Jan 2019 00:29

Instrument :

MSVOA_F

ClientSampleId :

WC-05-011519

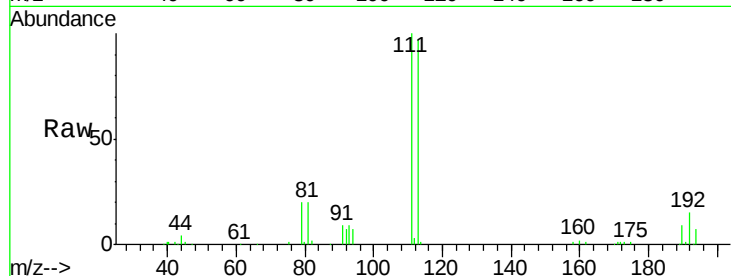
Tot Ion:113 Resp: 130594

Ion Ratio Lower Upper

113 100

111 102.8 79.4 119.0

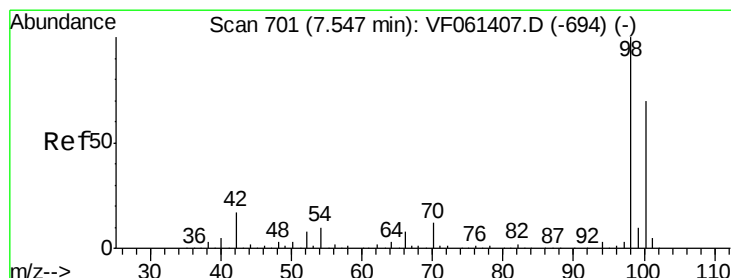
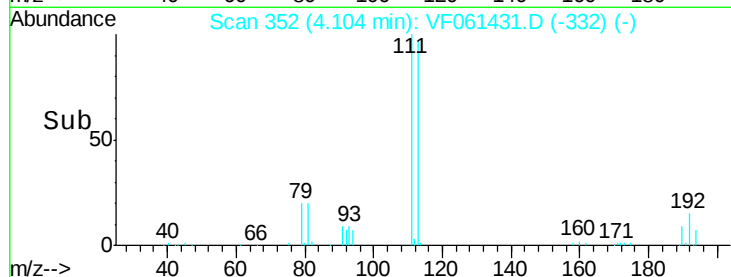
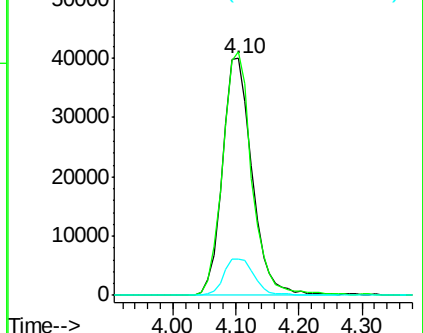
192 15.2 12.4 18.6



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



#50

Toluene-d8

Concen: 40.584 ug/l

RT: 7.55 min Scan# 701

Delta R.T. 0.00 min

Lab File: VF061431.D

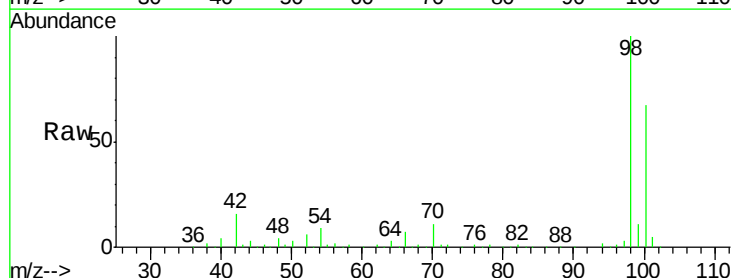
Acq: 17 Jan 2019 00:29

Tgt Ion: 98 Resp: 298957

Ion Ratio Lower Upper

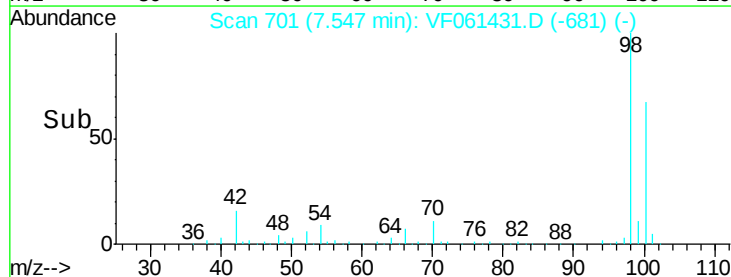
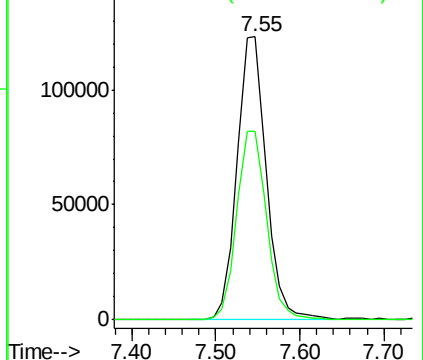
98 100

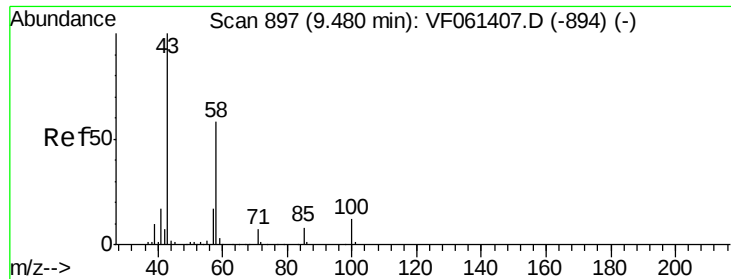
100 66.6 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

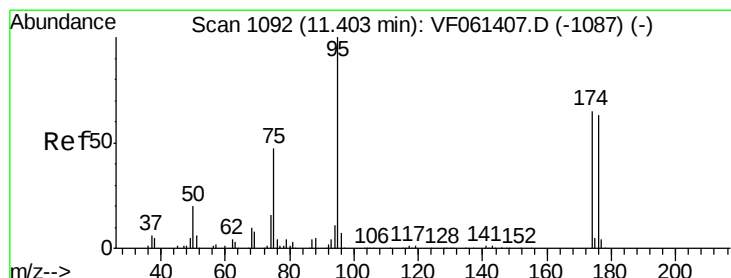
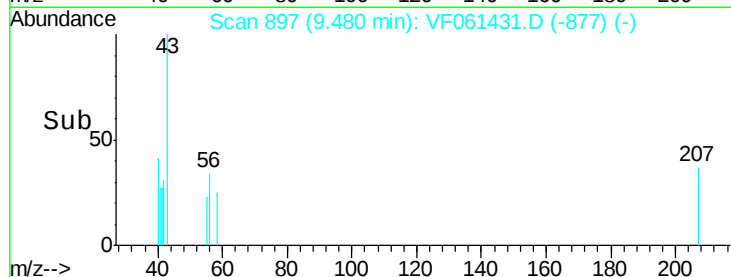
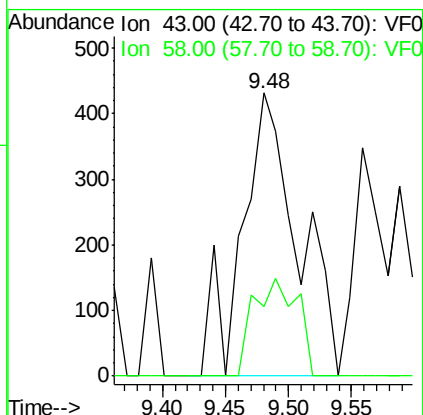
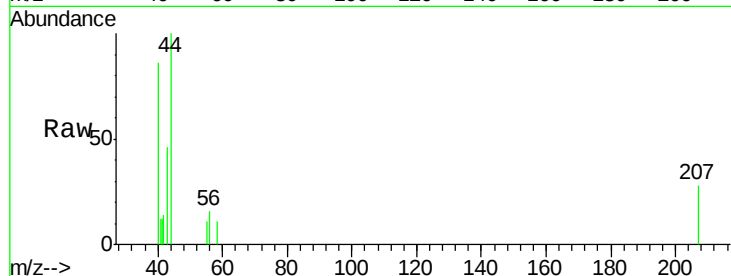




#59
2-Hexanone
Concen: 1.331 ug/l
RT: 9.48 min Scan# 897
Delta R.T. 0.00 min
Lab File: VF061431.D
Acq: 17 Jan 2019 00:29

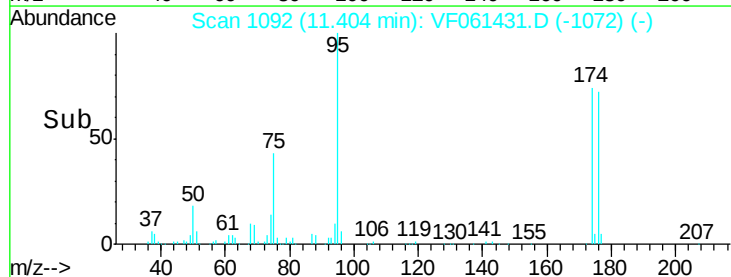
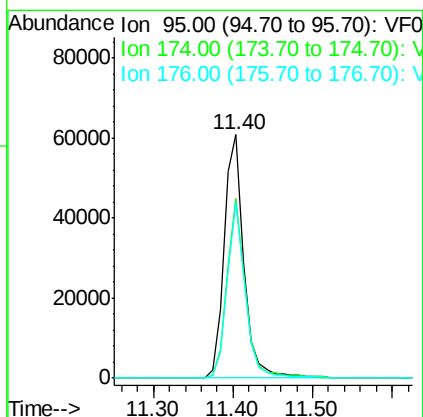
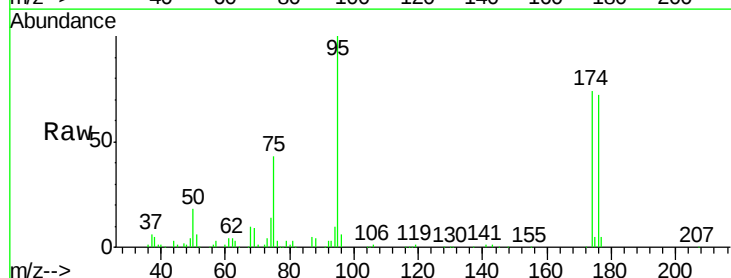
Instrument :
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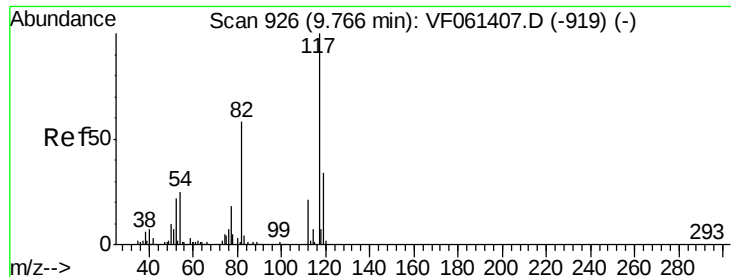
Tot Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
58 24.5 25.9 77.6#



#62
4-Bromofluorobenzene
Concen: 31.095 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VF061431.D
Acq: 17 Jan 2019 00:29

Tgt Ion: 95 Resp: 107023
Ion Ratio Lower Upper
95 100
174 74.0 0.0 130.4
176 72.0 0.0 126.2

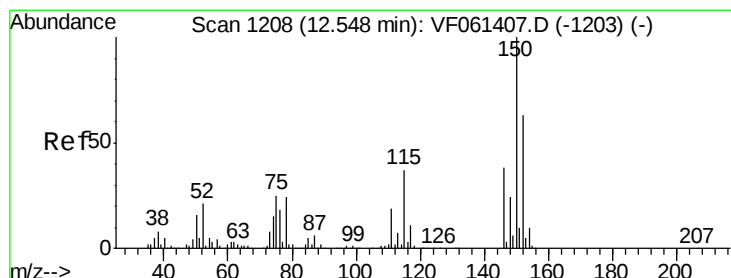
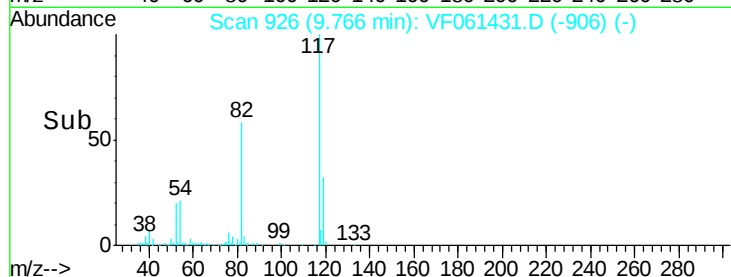
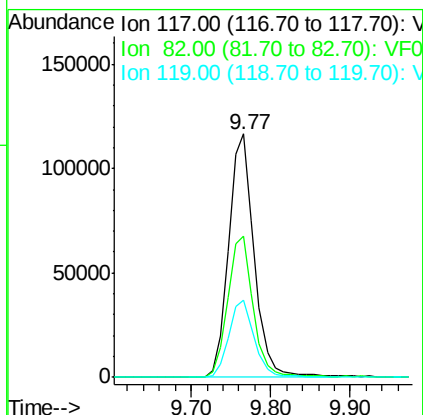
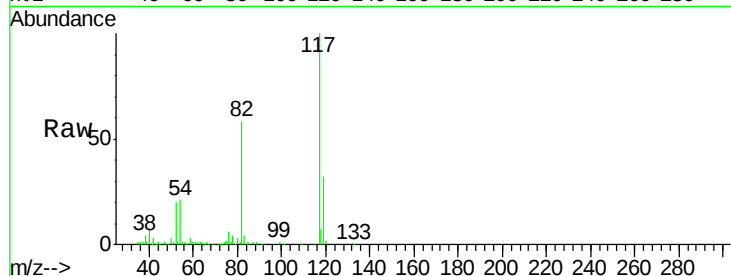




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. 0.00 min
Lab File: VF061431.D
Acq: 17 Jan 2019 00:29

Instrument :
MSVOA_F
ClientSampleId :
WC-05-011519

Tot Ion:117 Resp: 261975
Ion Ratio Lower Upper
117 100
82 57.8 46.4 69.6
119 31.7 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061431.D
Acq: 17 Jan 2019 00:29

Tgt Ion:152 Resp: 84054
Ion Ratio Lower Upper
152 100
115 67.0 30.0 90.0
150 160.0 0.0 321.4

