

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081718\
 Data File : VF059998.D
 Acq On : 18 Aug 2018 3:41
 Operator : VA/AP
 Sample : J4511-08
 Misc : 5.07g/5mL/MSVOA_F/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081518-FL-031

Quant Time: Aug 18 04:00:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

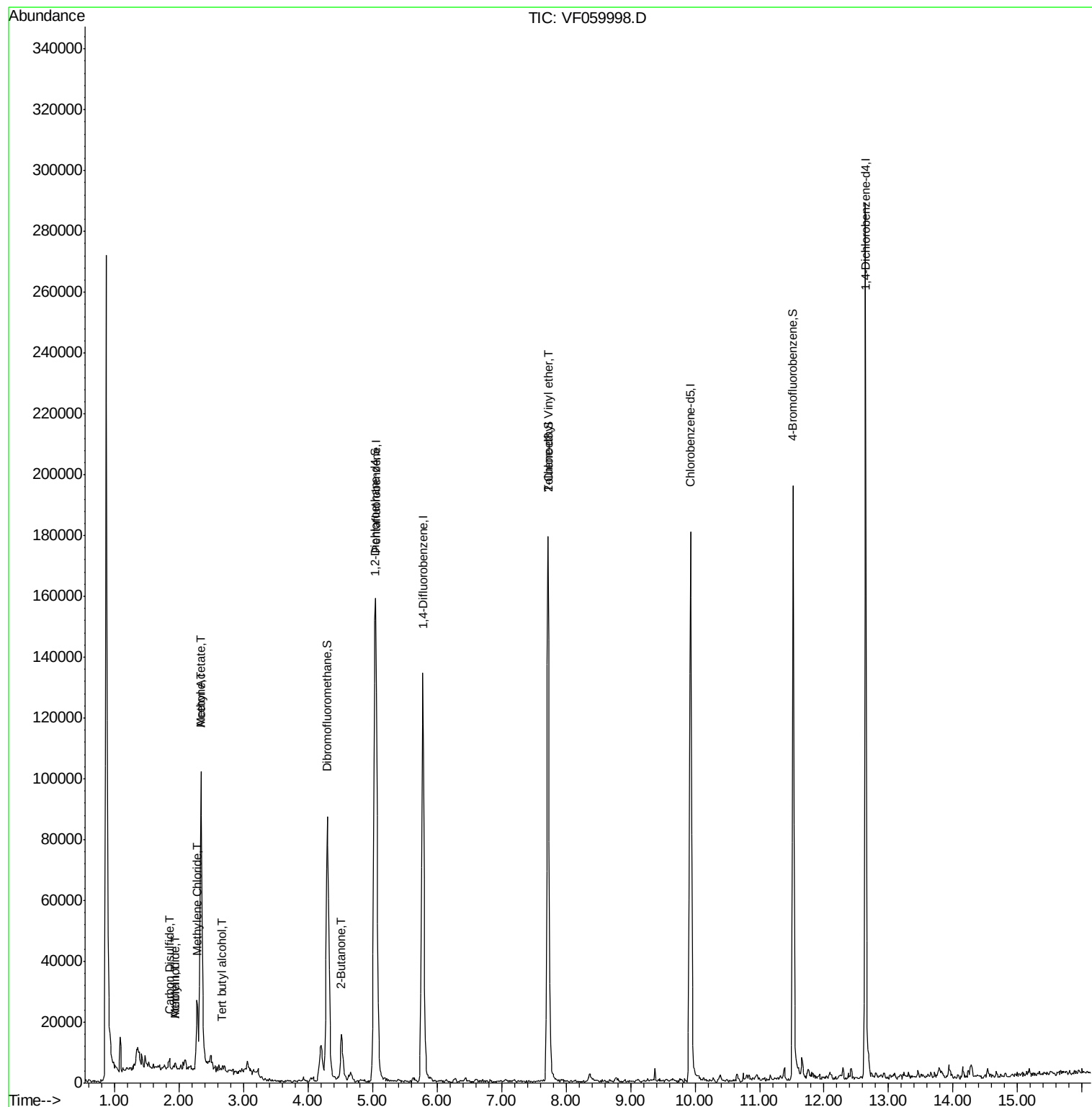
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	88147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	122422	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	114655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	64616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	102741	60.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.76%	
35) Dibromofluoromethane	4.30	113	72367	57.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.68%	
50) Toluene-d8	7.72	98	132621	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.52	95	65901	38.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.20%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	1.94	142	1607	1.060	ug/l #	80
11) Tert butyl alcohol	2.67	59	517	5.214	ug/l #	76
13) Acrolein	1.95	56	78	14.017	ug/l	98
16) Acetone	2.34	43	165462	355.409	ug/l	99
17) Carbon Disulfide	1.85	76	3520	1.337	ug/l #	84
18) Methyl Acetate	2.34	43	163140	195.788	ug/l #	63
20) Methylene Chloride	2.28	84	7815	4.592	ug/l #	84
25) 2-Butanone	4.52	43	27282	66.327	ug/l	93
58) 2-Chloroethyl Vinyl ether	7.73	63	322	4.676	ug/l	100

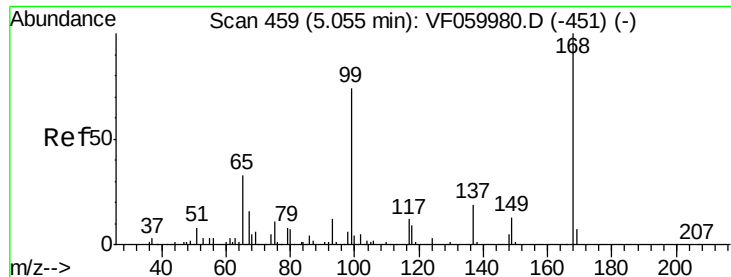
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF081718\
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QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

Instrument :

MSVOA_F

ClientSampleId :

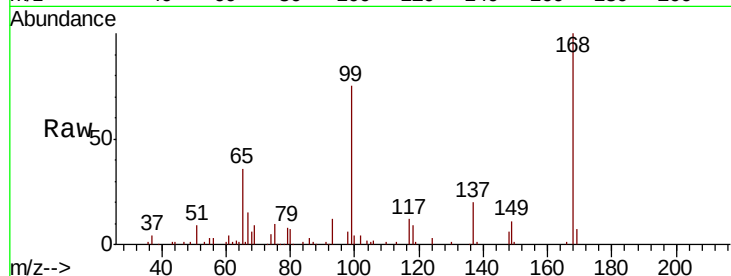
RA-081518-FL-031

Tgt Ion:168 Resp: 88147

Ion Ratio Lower Upper

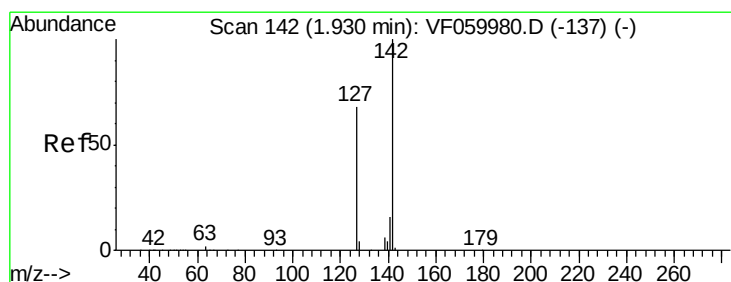
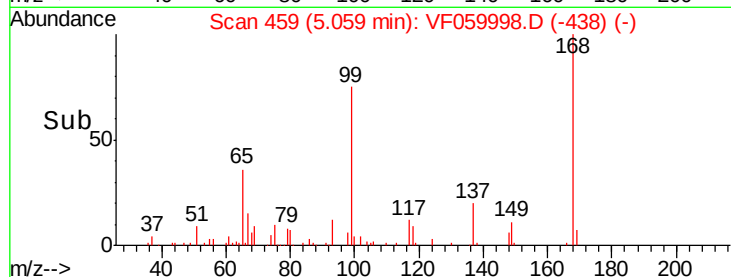
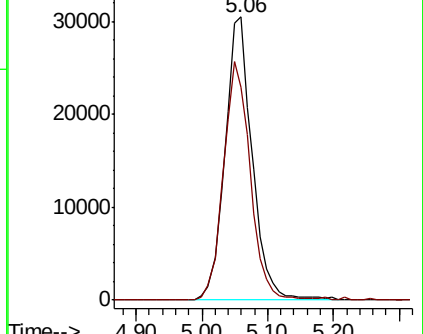
168 100

99 75.0 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#10

Methyl Iodide

Concen: 1.060 ug/l

RT: 1.94 min Scan# 143

Delta R.T. 0.01 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

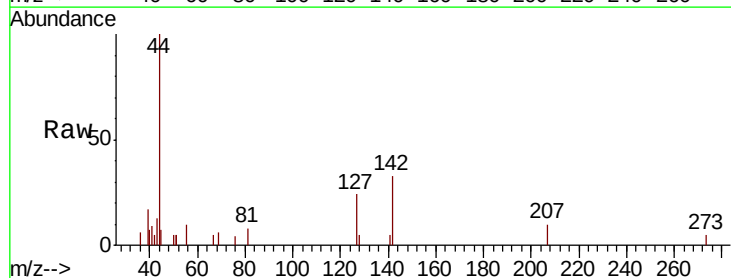
Tgt Ion:142 Resp: 1607

Ion Ratio Lower Upper

142 100

127 87.0 54.1 81.1#

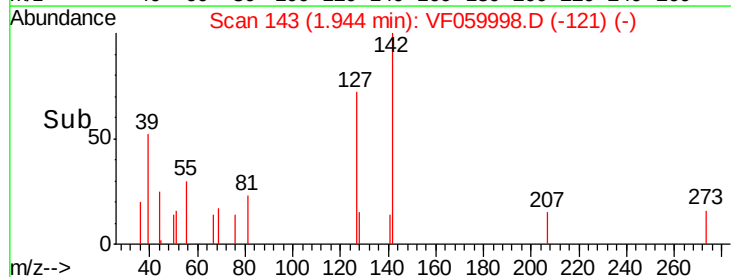
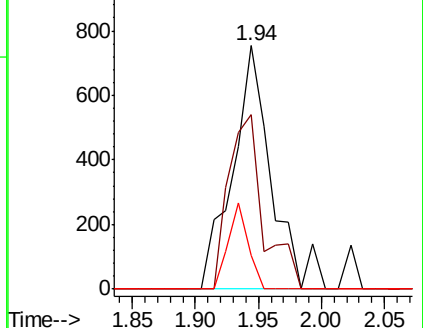
141 13.9 12.5 18.7

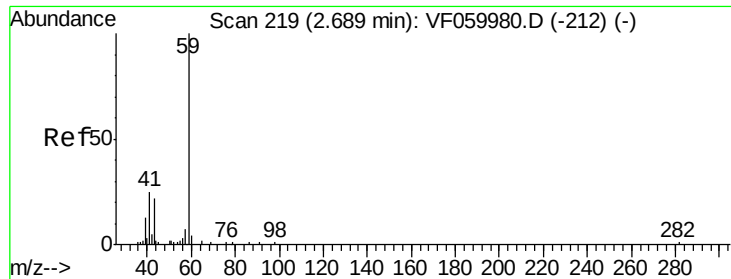


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

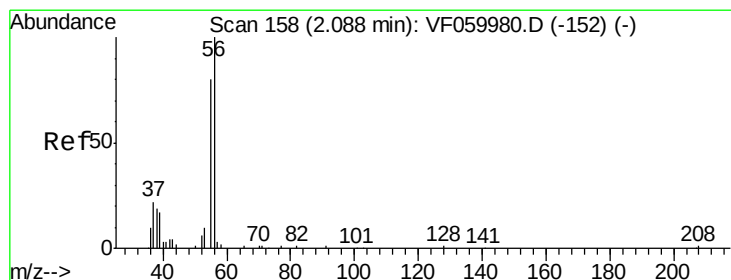
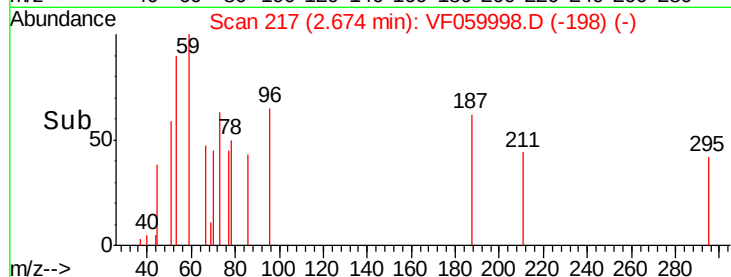
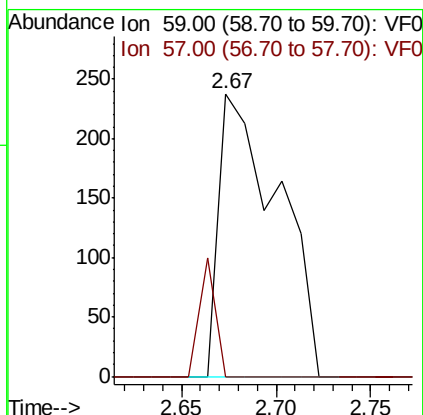
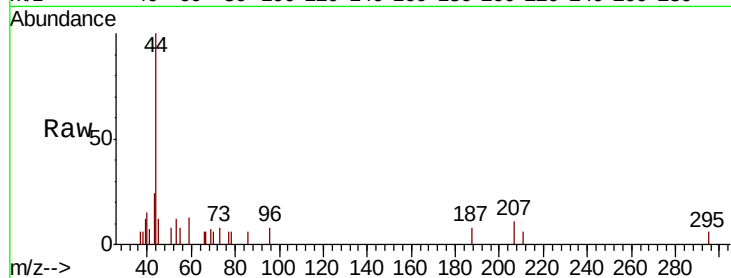




#11
Tert butyl alcohol
Concen: 5.214 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.02 min
Lab File: VF059998.D
Acq: 18 Aug 2018 3:41

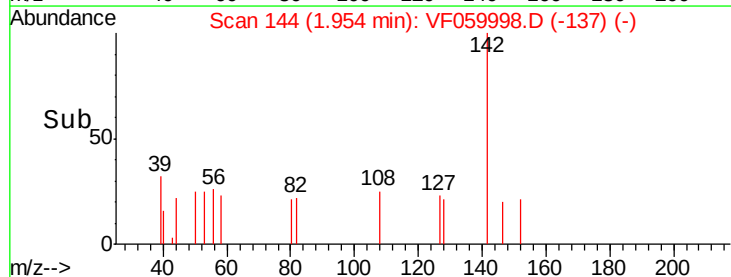
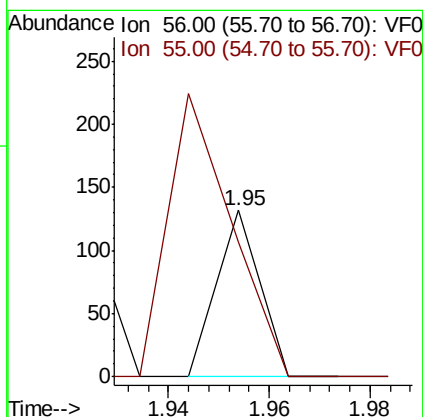
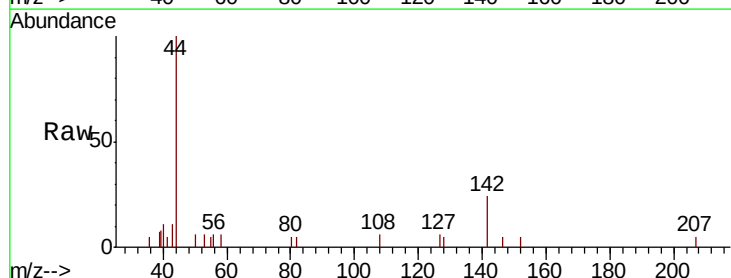
Instrument :
MSVOA_F
ClientSampleId :
RA-081518-FL-031

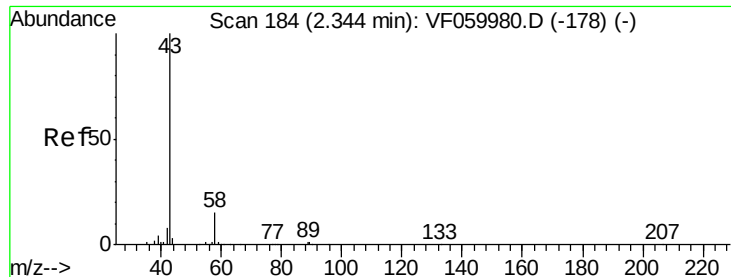
Tgt Ion: 59 Resp: 517
Ion Ratio Lower Upper
59 100
57 0.0 6.8 10.2#



#13
Acrolein
Concen: 14.017 ug/l
RT: 1.95 min Scan# 144
Delta R.T. -0.13 min
Lab File: VF059998.D
Acq: 18 Aug 2018 3:41

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 81.1 63.8 95.6





#16

Acetone

Concen: 355.409 ug/l

RT: 2.34 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

Instrument :

MSVOA_F

ClientSampleId :

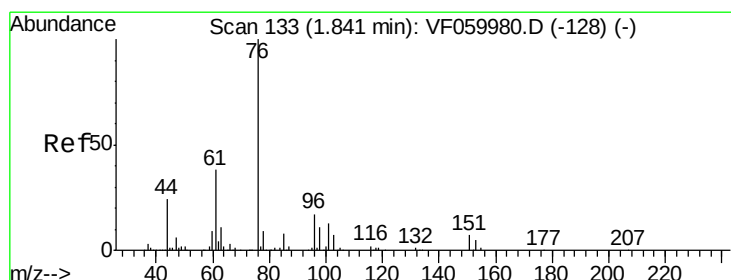
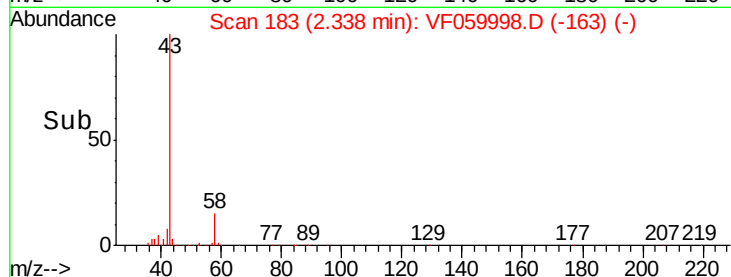
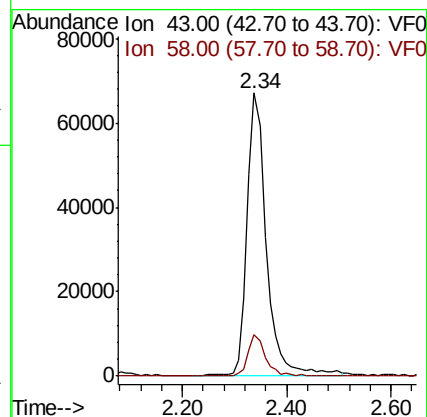
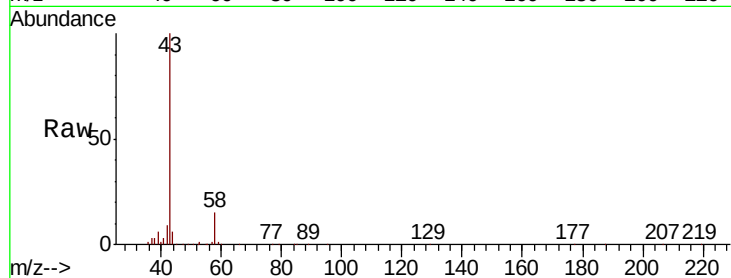
RA-081518-FL-031

Tgt Ion: 43 Resp: 165462

Ion Ratio Lower Upper

43 100

58 14.6 11.9 17.9



#17

Carbon Disulfide

Concen: 1.337 ug/l

RT: 1.85 min Scan# 133

Delta R.T. 0.00 min

Lab File: VF059998.D

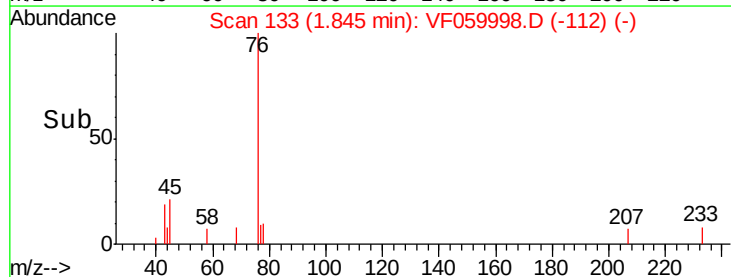
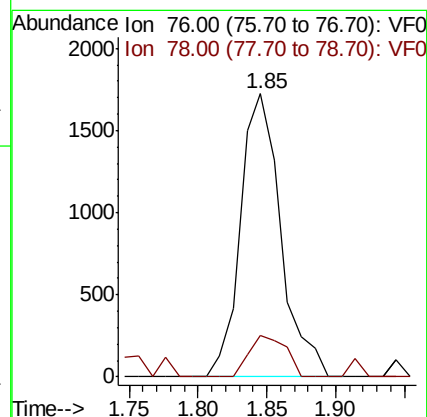
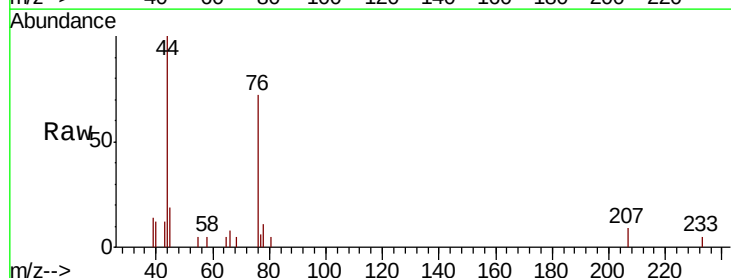
Acq: 18 Aug 2018 3:41

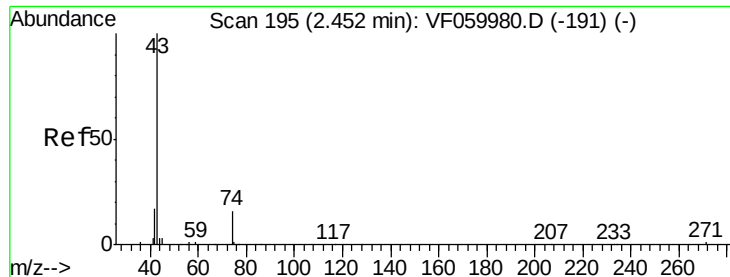
Tgt Ion: 76 Resp: 3520

Ion Ratio Lower Upper

76 100

78 14.7 7.2 10.8#

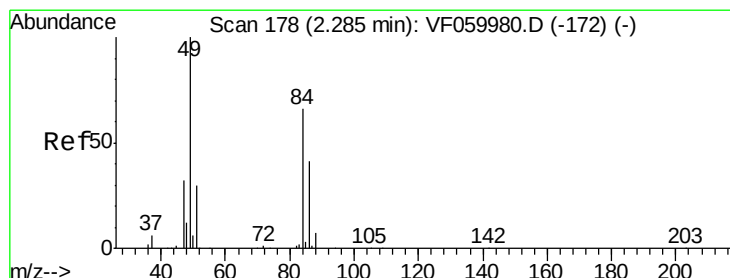
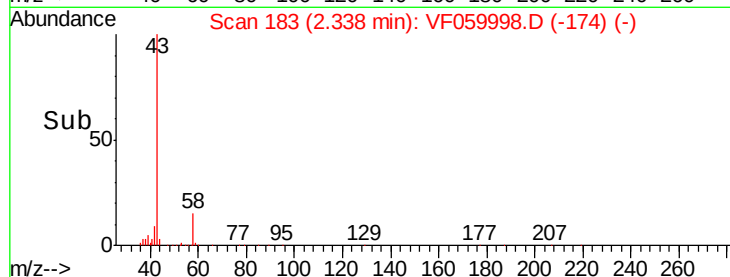
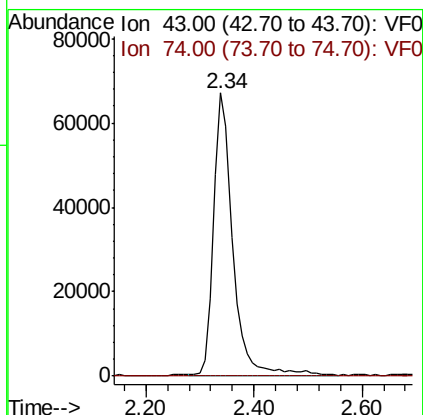
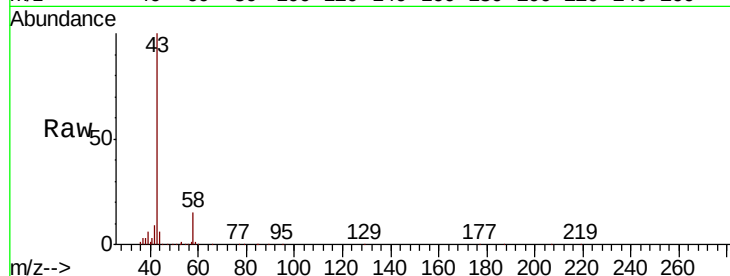




#18
Methyl Acetate
Concen: 195.788 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.11 min
Lab File: VF059998.D
Acq: 18 Aug 2018 3:41

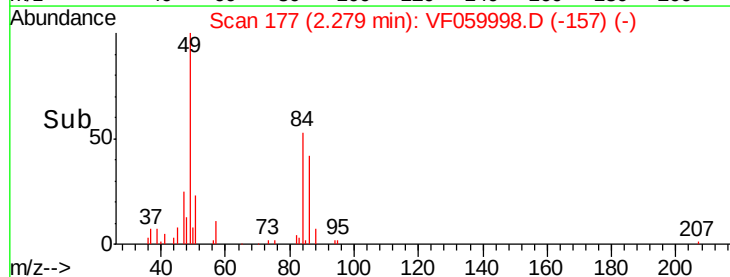
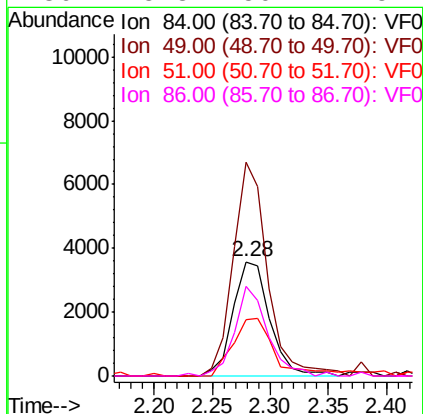
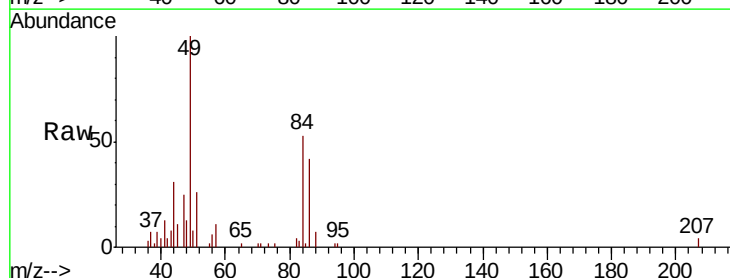
Instrument :
MSVOA_F
ClientSampleId :
RA-081518-FL-031

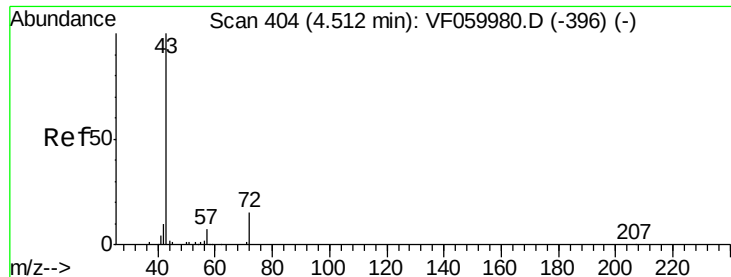
Tgt Ion: 43 Resp: 163140
Ion Ratio Lower Upper
43 100
74 0.0 12.3 18.5#



#20
Methylene Chloride
Concen: 4.592 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF059998.D
Acq: 18 Aug 2018 3:41

Tgt Ion: 84 Resp: 7815
Ion Ratio Lower Upper
84 100
49 179.2 122.5 183.7
51 46.7 37.1 55.7
86 75.3 50.2 75.2#





#25

2-Butanone

Concen: 66.327 ug/l

RT: 4.52 min Scan# 404

Delta R.T. 0.00 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

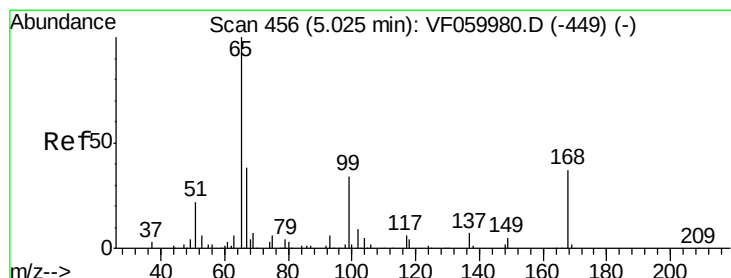
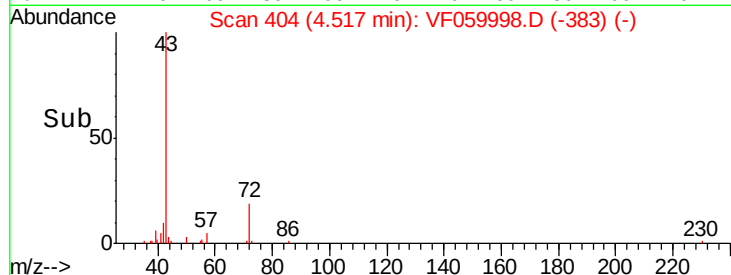
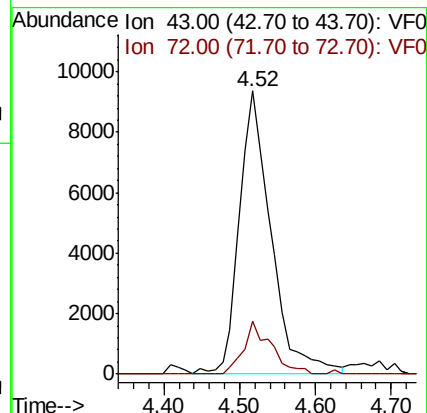
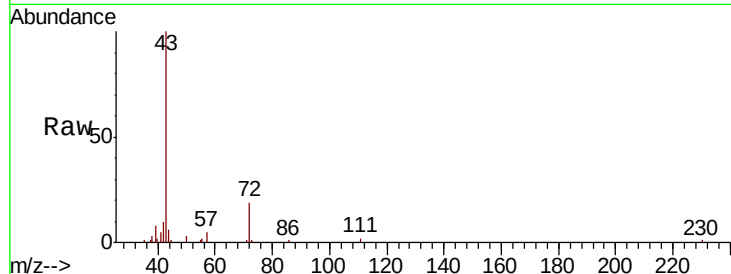
Instrument :
MSVOA_F
ClientSampleId :
RA-081518-FL-031

Tgt Ion: 43 Resp: 27282

Ion Ratio Lower Upper

43 100

72 18.5 12.5 18.7



#33

1,2-Dichloroethane-d4

Concen: 60.383 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059998.D

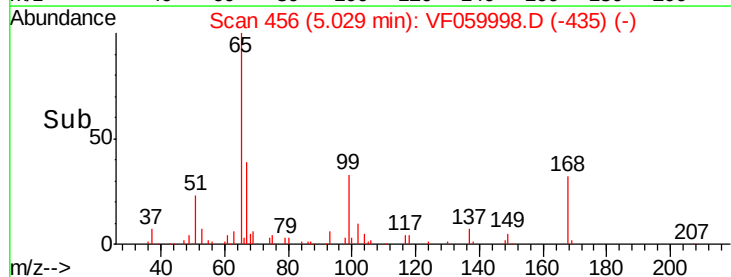
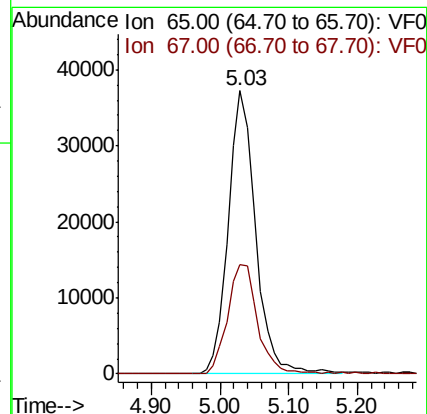
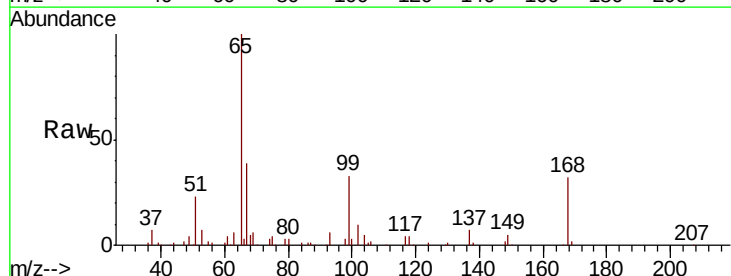
Acq: 18 Aug 2018 3:41

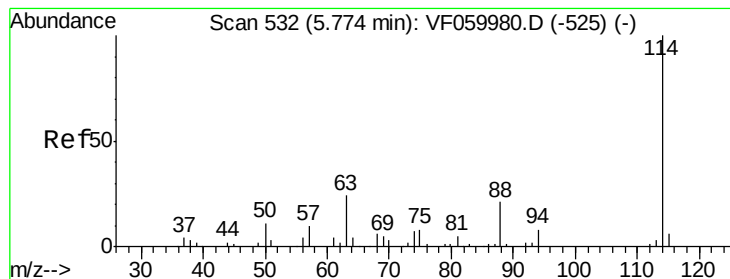
Tgt Ion: 65 Resp: 102741

Ion Ratio Lower Upper

65 100

67 38.6 0.0 82.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

Instrument :

MSVOA_F

ClientSampleId :

RA-081518-FL-031

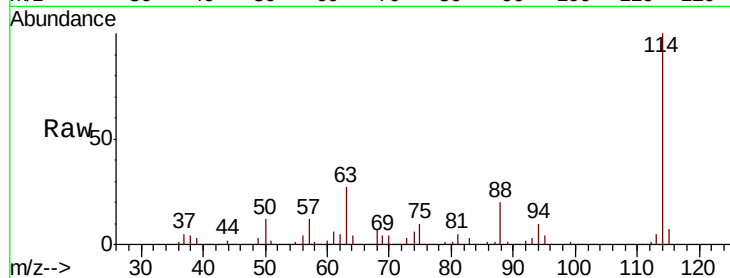
Tgt Ion:114 Resp: 122422

Ion Ratio Lower Upper

114 100

63 27.2 0.0 48.6

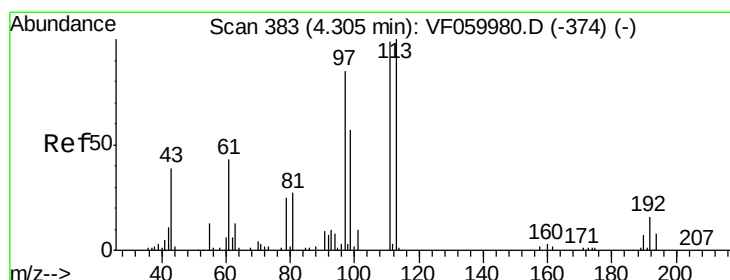
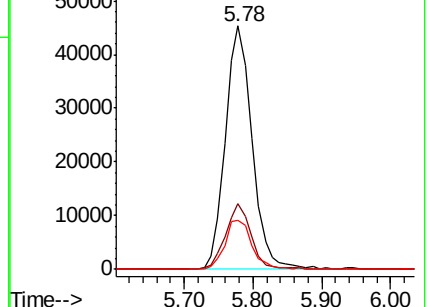
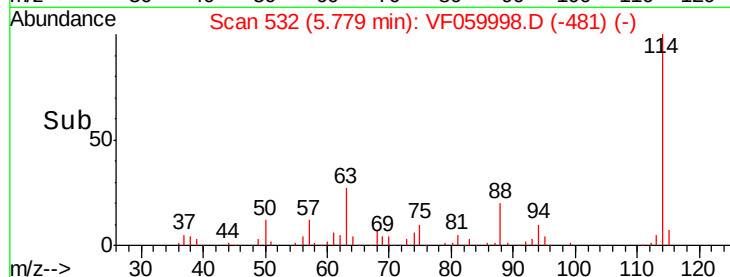
88 20.4 0.0 42.8



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: 57.839 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

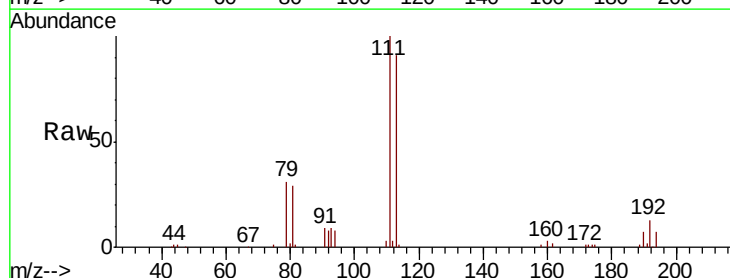
Tgt Ion:113 Resp: 72367

Ion Ratio Lower Upper

113 100

111 109.9 79.5 119.3

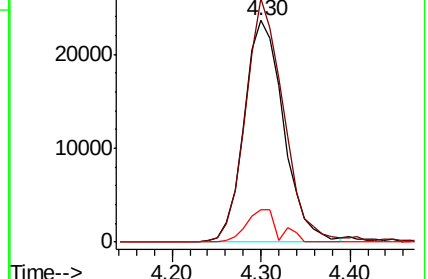
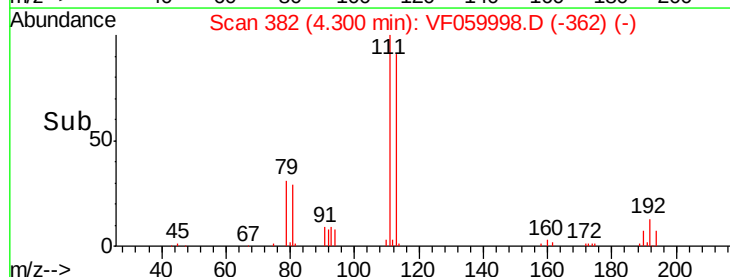
192 14.7 12.4 18.6

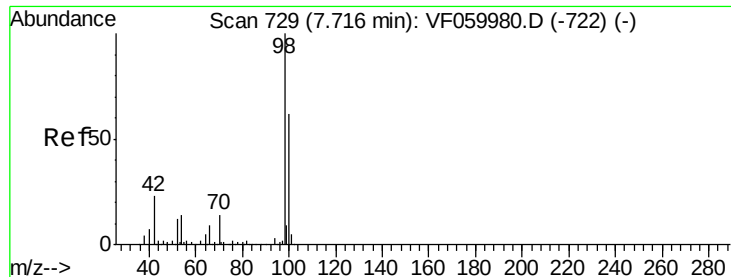


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 47.665 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.00 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

Instrument :

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ClientSampleId :

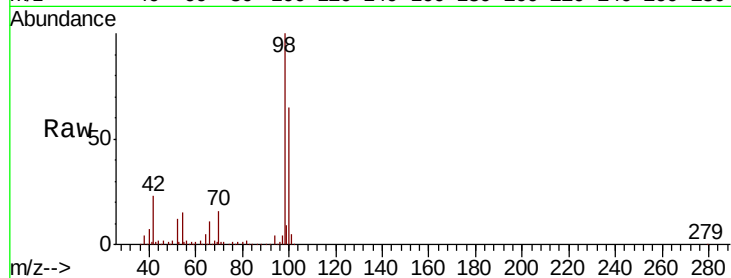
RA-081518-FL-031

Tgt Ion: 98 Resp: 132621

Ion Ratio Lower Upper

98 100

100 65.0 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

60000

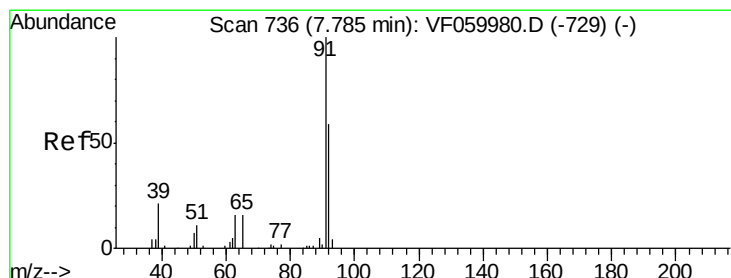
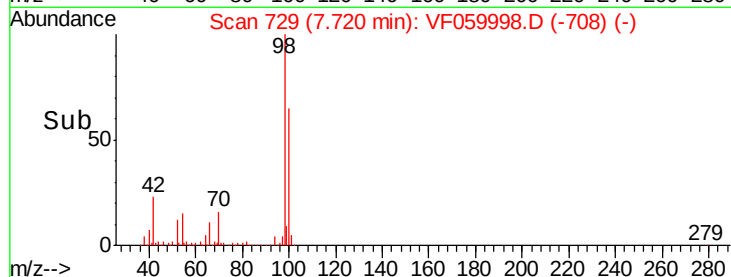
40000

20000

0

7.60 7.70 7.80 7.90

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 4.676 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.05 min

Lab File: VF059998.D

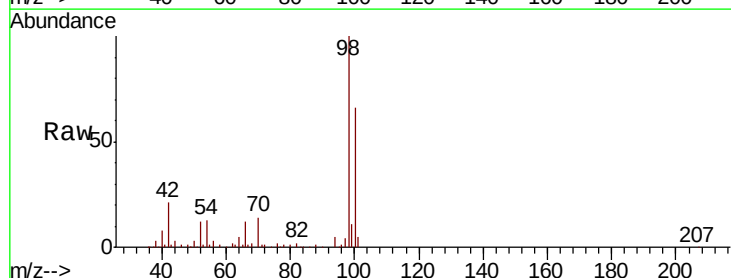
Acq: 18 Aug 2018 3:41

Tgt Ion: 63 Resp: 322

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

300

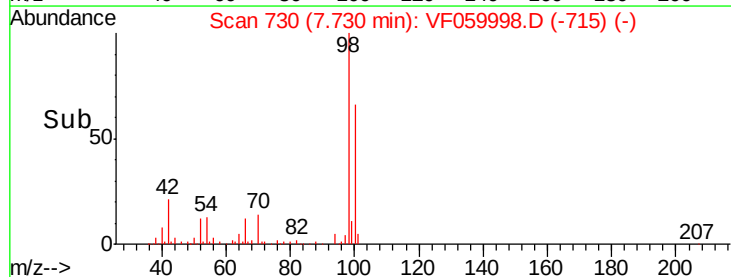
200

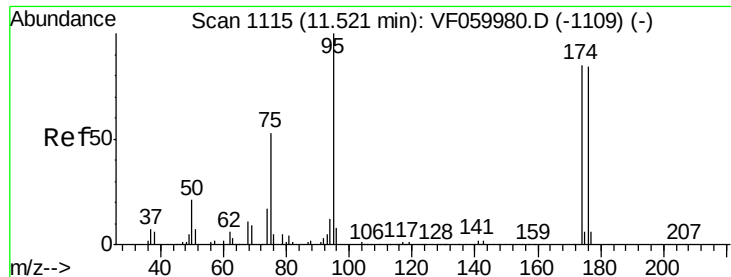
100

0

7.70 7.75

Time-->

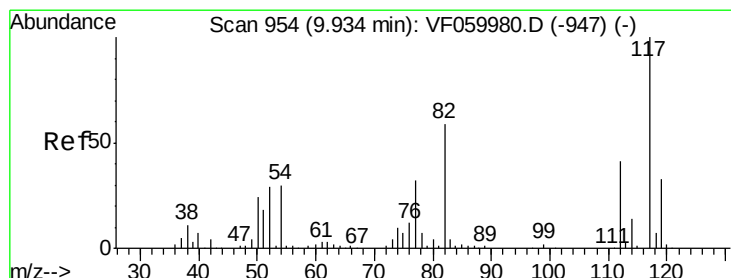
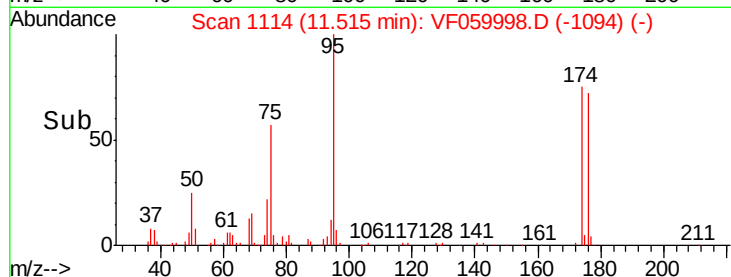
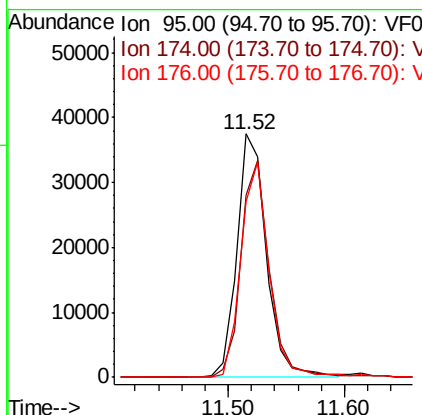
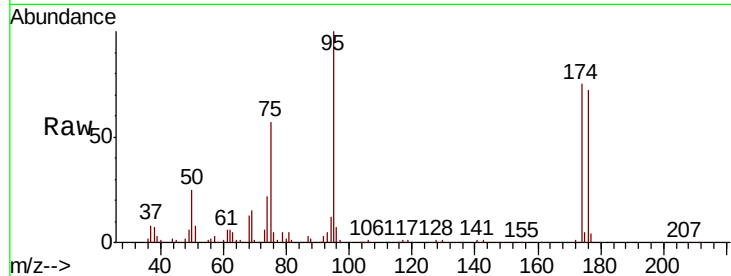




#62
4-Bromofluorobenzene
Concen: 38.596 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059998.D
Acq: 18 Aug 2018 3:41

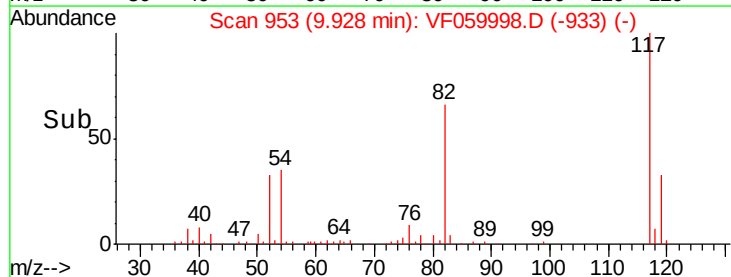
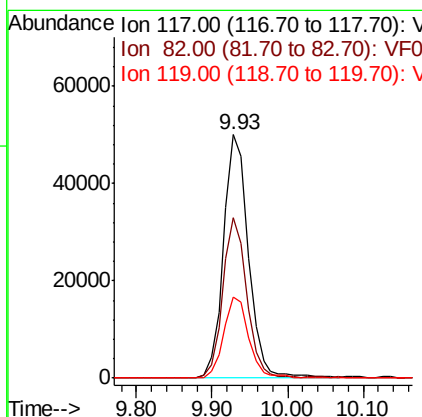
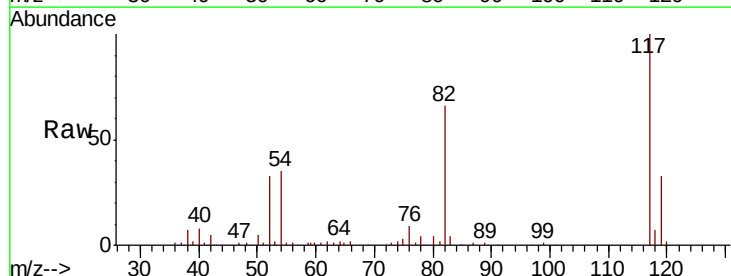
Instrument :
MSVOA_F
ClientSampleId :
RA-081518-FL-031

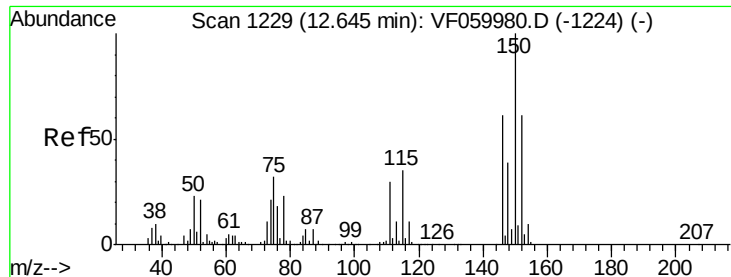
Tgt Ion: 95 Resp: 65901
Ion Ratio Lower Upper
95 100
174 74.6 0.0 169.8
176 72.0 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF059998.D
Acq: 18 Aug 2018 3:41

Tgt Ion: 117 Resp: 114655
Ion Ratio Lower Upper
117 100
82 65.8 47.2 70.8
119 33.2 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

Instrument :

MSVOA_F

ClientSampleId :

RA-081518-FL-031

Tgt Ion:152 Resp: 64616

Ion Ratio Lower Upper

152 100

115 63.9 29.1 87.3

150 164.2 0.0 330.2

