

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081418\
 Data File : VF059960.D
 Acq On : 14 Aug 2018 23:19
 Operator : VA/AP
 Sample : VF0814SBL01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0814SBL01

Quant Time: Aug 15 11:01:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 09:20:23 2018
 Response via : Initial Calibration

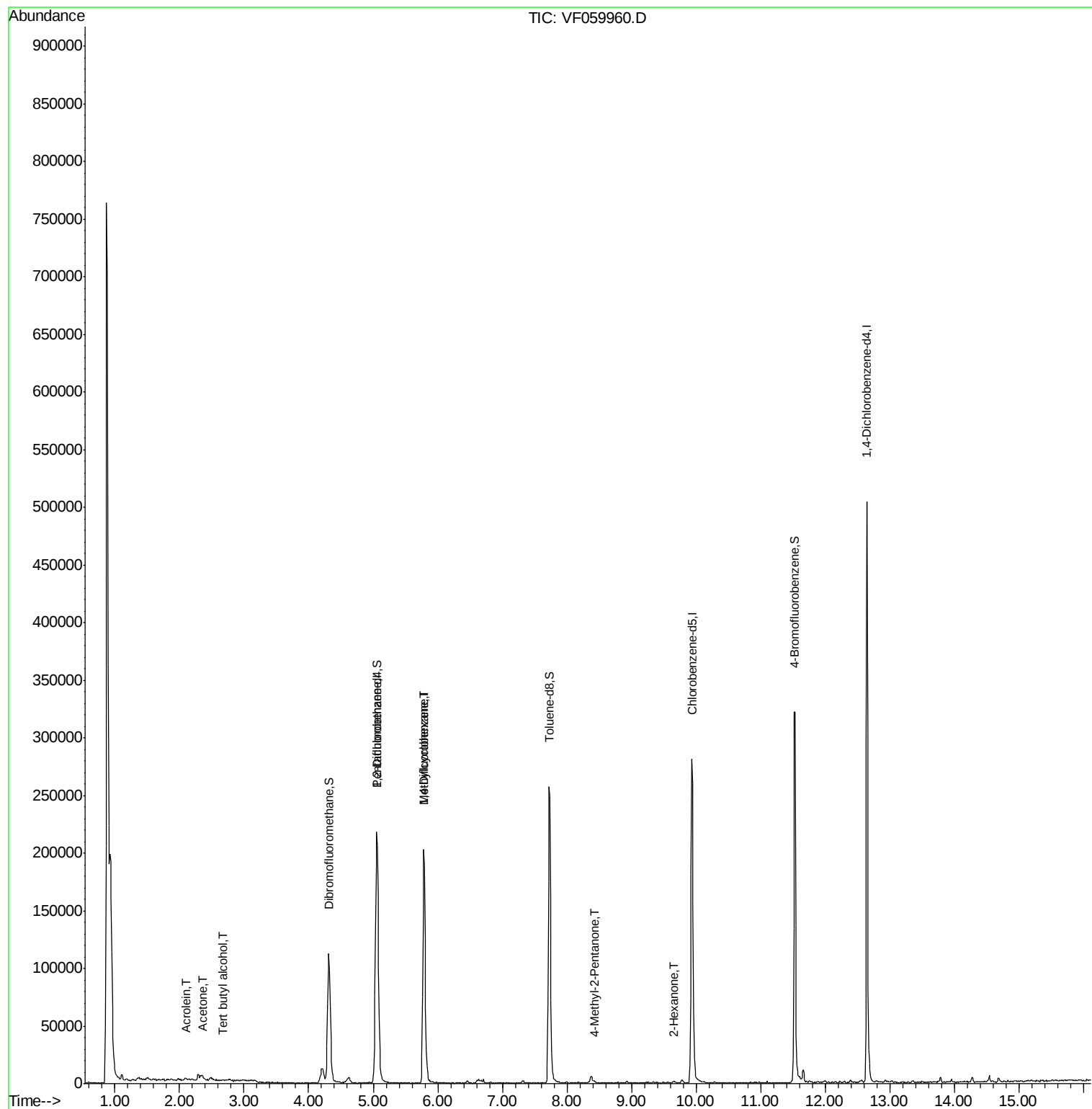
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	135746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	193804	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	188438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	119531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	118827	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
35) Dibromofluoromethane	4.31	113	98000	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
50) Toluene-d8	7.72	98	205277	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.52	95	116397	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.68	59	127	1.35	ug/l #	64
13) Acrolein	2.09	56	201	20.04	ug/l #	7
16) Acetone	2.35	43	1487	3.16	ug/l #	73
20) Methylene Chloride	2.28	84	1704	Below Cal	#	66
39) Methylcyclohexane	5.78	83	2903	1.85	ug/l #	42
51) 4-Methyl-2-Pentanone	8.42	43	1041	1.07	ug/l	91
59) 2-Hexanone	9.66	43	1619	2.28	ug/l	95

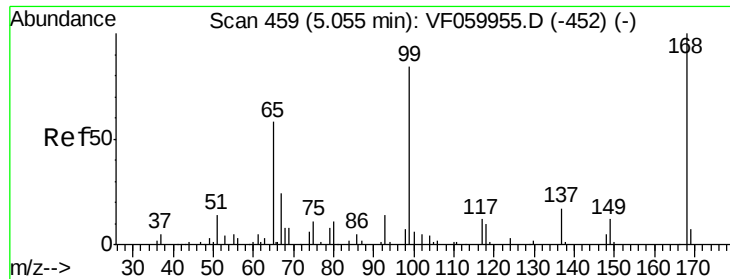
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF081418\
Data File : VF059960.D
Acq On : 14 Aug 2018 23:19
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VF0814SBL01

Quant Time: Aug 15 11:01:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F081418S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 09:20:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF059960.D

Acq: 14 Aug 2018 23:19

Instrument :

MSVOA_F

ClientSampleId :

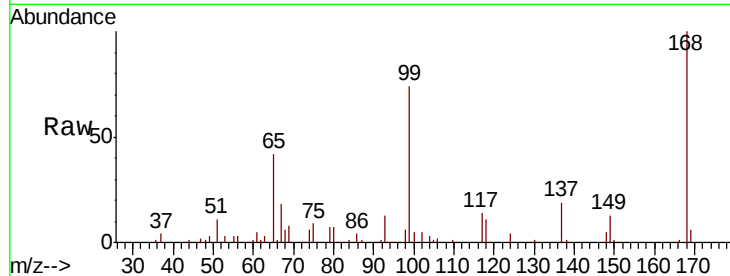
VF0814SBL01

Tot Ion:168 Resp: 135746

Ion Ratio Lower Upper

168 100

99 74.3 67.4 101.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

40000

30000

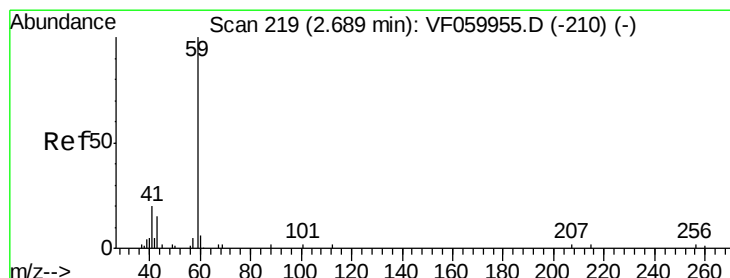
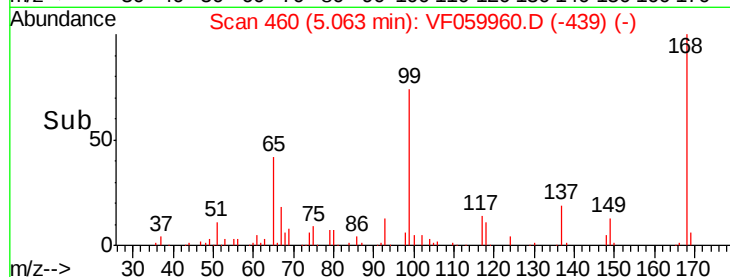
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#11

Tert butyl alcohol

Concen: 1.35 ug/l

RT: 2.68 min Scan# 218

Delta R.T. -0.01 min

Lab File: VF059960.D

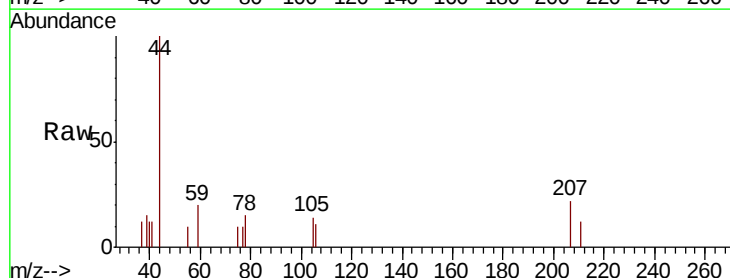
Acq: 14 Aug 2018 23:19

Tgt Ion: 59 Resp: 127

Ion Ratio Lower Upper

59 100

57 0.0 12.0 18.0#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

250

200

150

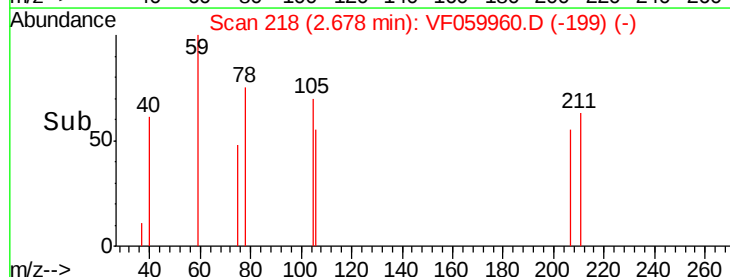
100

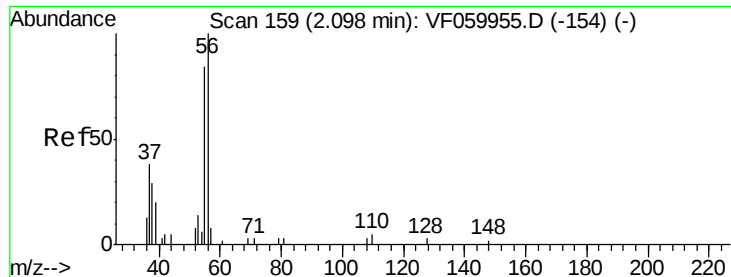
50

0

2.64 2.66 2.68 2.70

Time-->





#13

Acrolein

Concen: 20.04 ug/l

RT: 2.09 min Scan# 158

Delta R.T. -0.01 min

Lab File: VF059960.D

Acq: 14 Aug 2018 23:19

Instrument :

MSVOA_F

ClientSampleId :

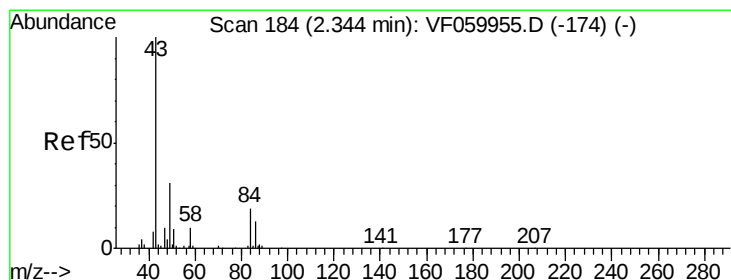
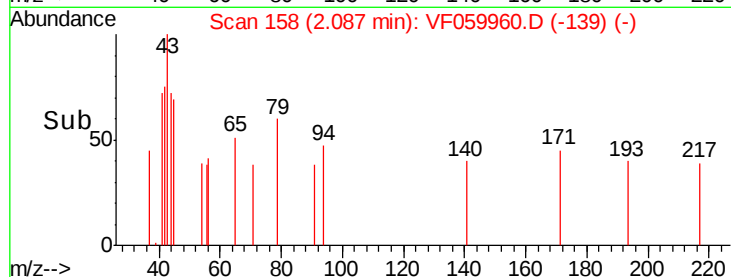
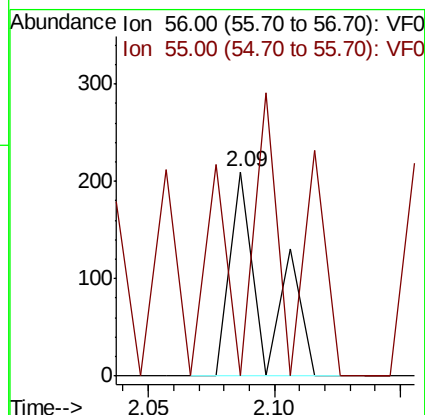
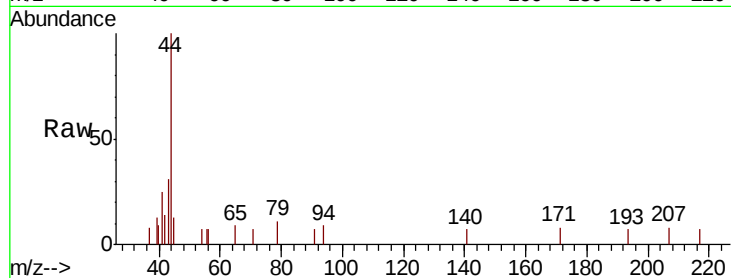
VF0814SBL01

Tot Ion: 56 Resp: 201

Ion Ratio Lower Upper

56 100

55 0.0 67.4 101.2#



#16

Acetone

Concen: 3.16 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF059960.D

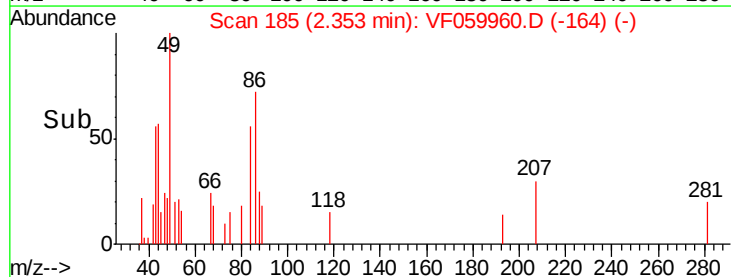
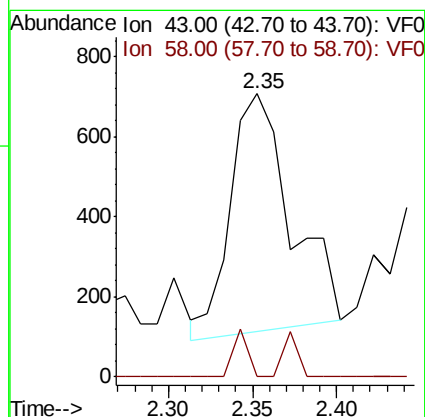
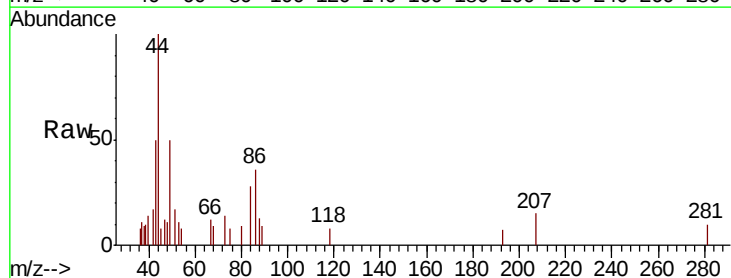
Acq: 14 Aug 2018 23:19

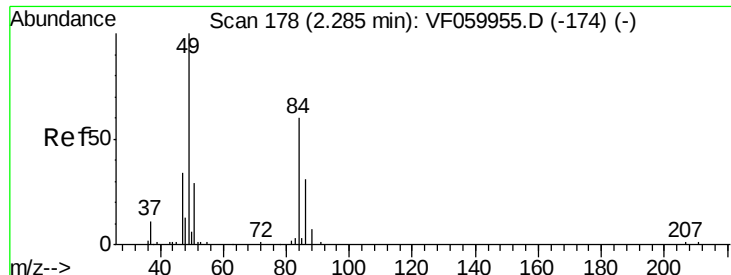
Tgt Ion: 43 Resp: 1487

Ion Ratio Lower Upper

43 100

58 0.0 8.1 12.1#

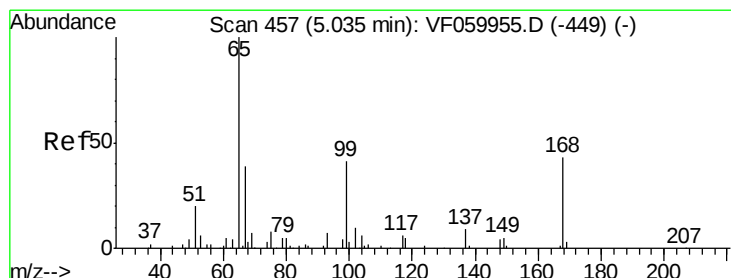
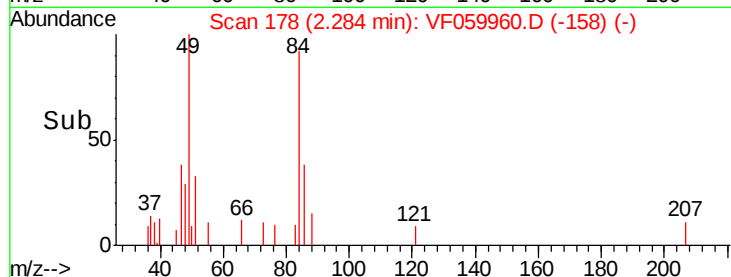
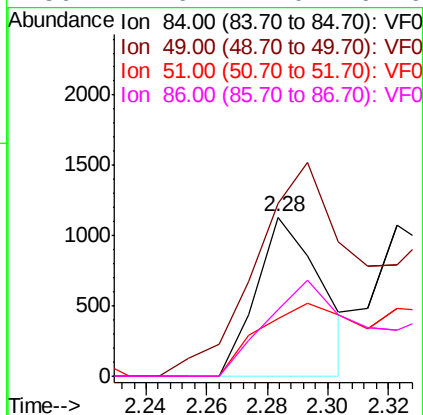
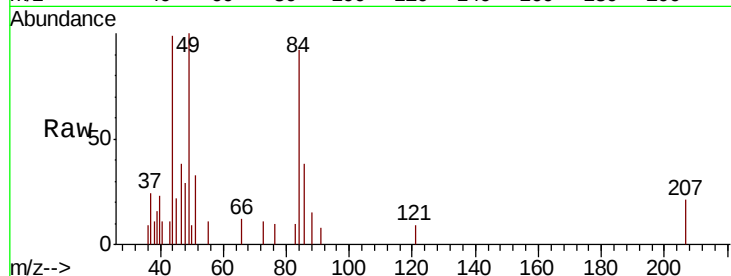




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 178
Delta R.T. -0.00 min
Lab File: VF059960.D
Acq: 14 Aug 2018 23:19

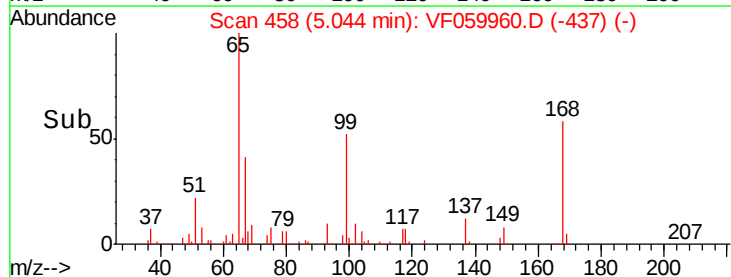
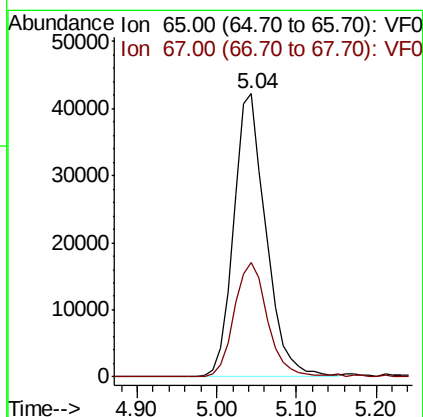
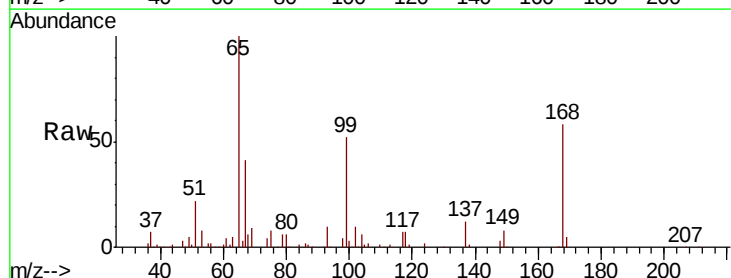
Instrument :
MSVOA_F
ClientSampleId :
VF0814SBL01

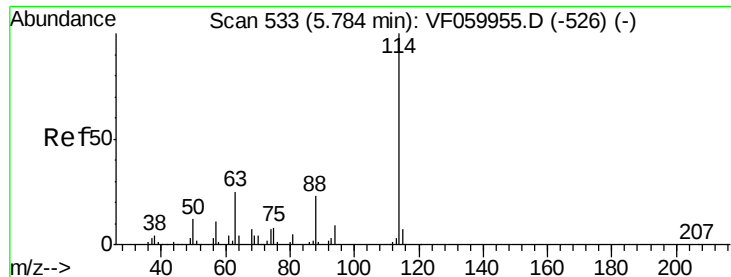
Tot Ion: 84 Resp: 1704
Ion Ratio Lower Upper
84 100
49 108.8 134.8 202.2#
51 36.0 39.8 59.6#
86 41.6 41.0 61.6



#33
1,2-Dichloroethane-d4
Concen: 50.07 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF059960.D
Acq: 14 Aug 2018 23:19

Tgt Ion: 65 Resp: 118827
Ion Ratio Lower Upper
65 100
67 40.6 0.0 87.4

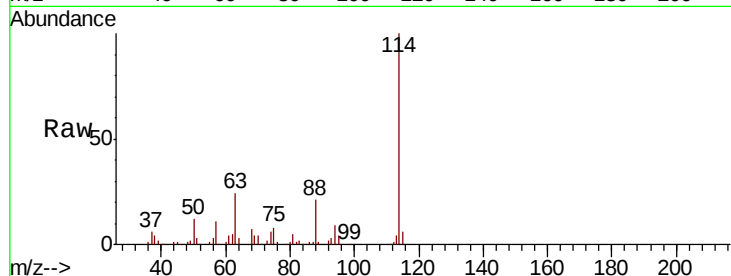




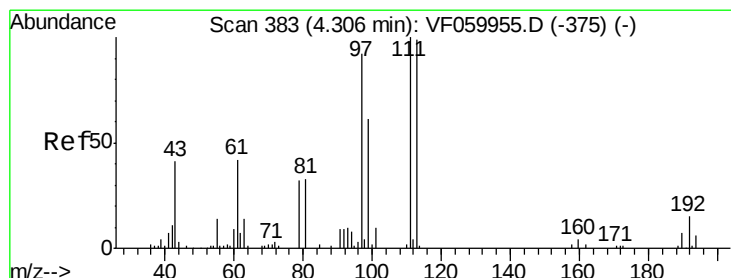
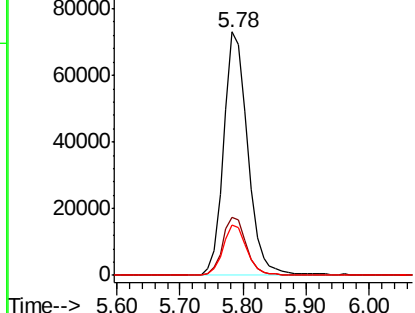
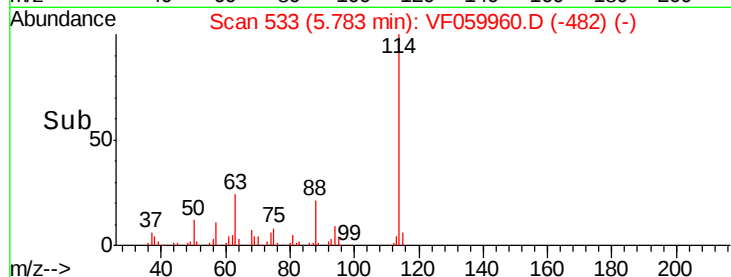
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.78 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: VF059960.D
 Acq: 14 Aug 2018 23:19

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0814SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	50.2
88	20.5	0.0	46.8

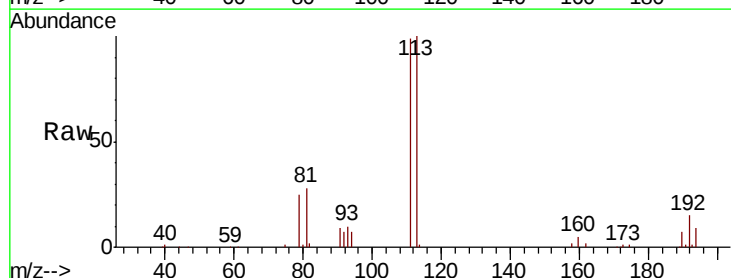


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

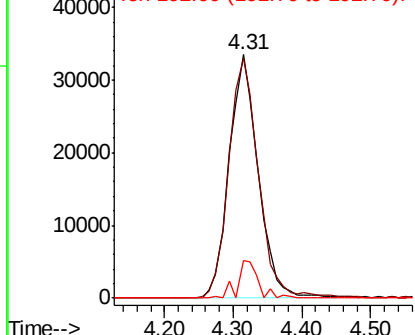
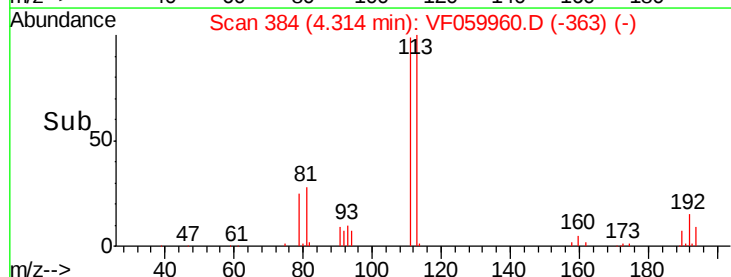


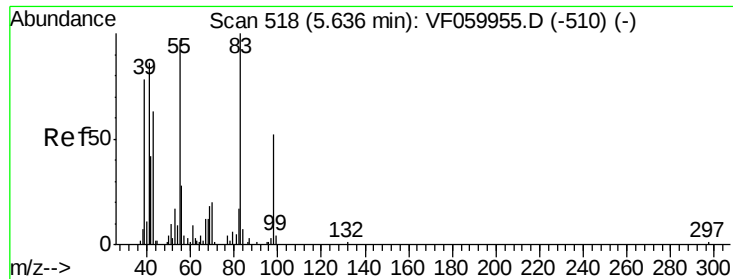
#35
 Dibromofluoromethane
 Concen: 50.46 ug/l
 RT: 4.31 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VF059960.D
 Acq: 14 Aug 2018 23:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.0	80.6	121.0
192	15.2	11.7	17.5



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

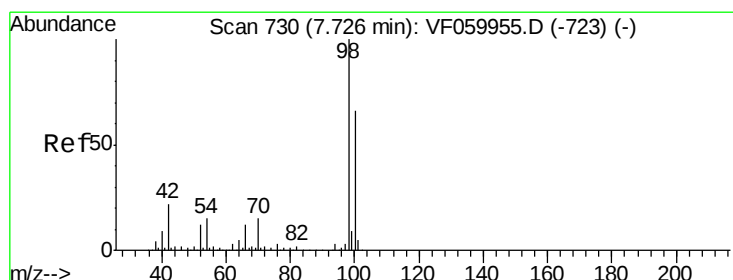
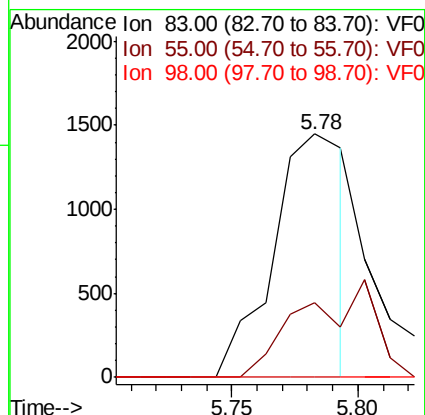
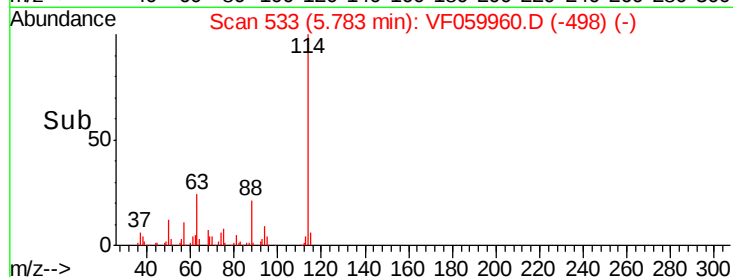
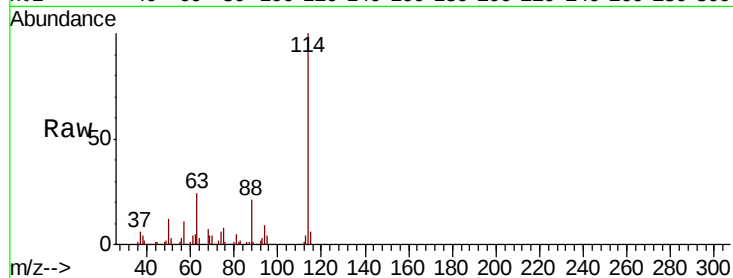




#39
Methvlcvclohexane
Concen: 1.85 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.15 min
Lab File: VF059960.D
Acq: 14 Aug 2018 23:19

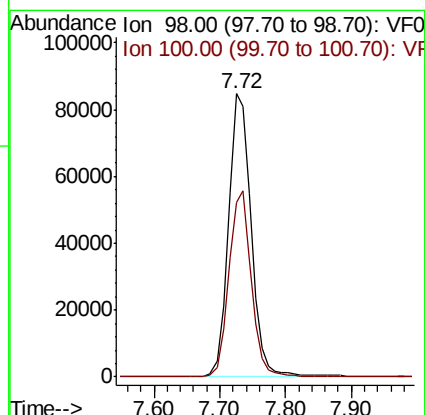
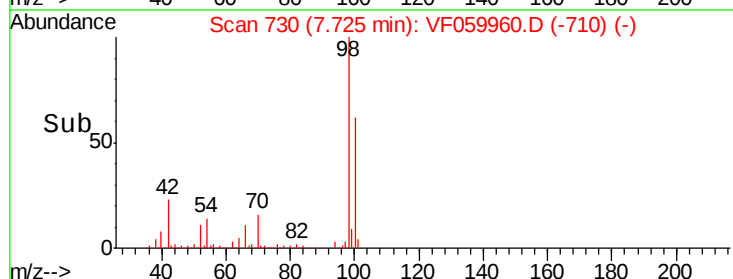
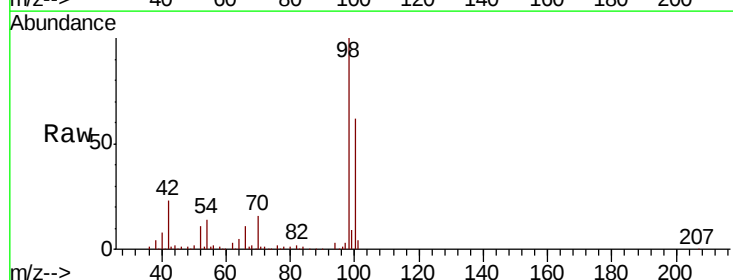
Instrument :
MSVOA_F
ClientSampleId :
VF0814SBL01

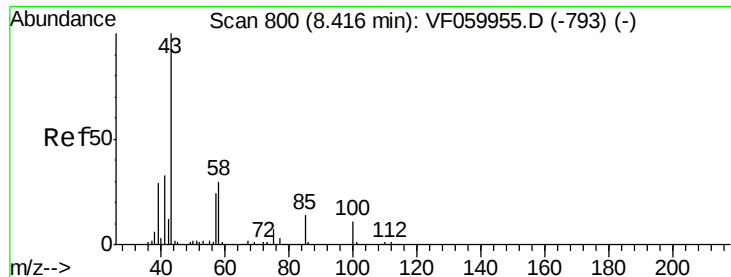
Tot Ion: 83 Resp: 2903
Ion Ratio Lower Upper
83 100
55 30.6 77.4 116.2#
98 24.4 41.5 62.3#



#50
Toluene-d8
Concen: 47.93 ug/l
RT: 7.72 min Scan# 730
Delta R.T. -0.00 min
Lab File: VF059960.D
Acq: 14 Aug 2018 23:19

Tgt Ion: 98 Resp: 205277
Ion Ratio Lower Upper
98 100
100 61.7 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 1.07 ug/l

RT: 8.42 min Scan# 801

Delta R.T. 0.01 min

Lab File: VF059960.D

Acq: 14 Aug 2018 23:19

Instrument :

MSVOA_F

ClientSampleId :

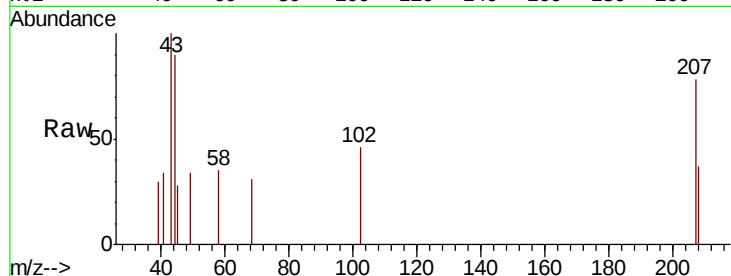
VF0814SBL01

Tot Ion: 43 Resp: 1041

Ion Ratio Lower Upper

43 100

58 35.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.42

400

300

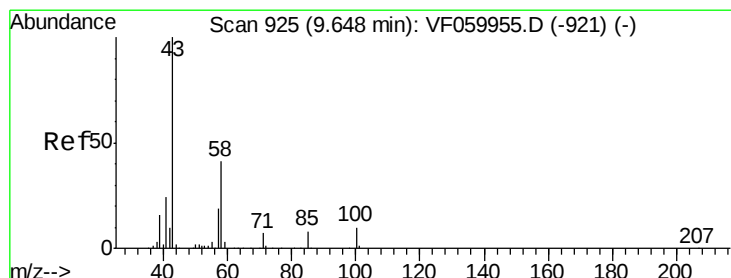
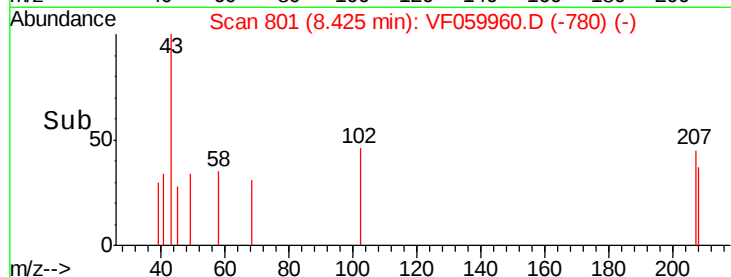
200

100

0

8.35 8.40 8.45 8.50

Time-->



#59

2-Hexanone

Concen: 2.28 ug/l

RT: 9.66 min Scan# 926

Delta R.T. 0.01 min

Lab File: VF059960.D

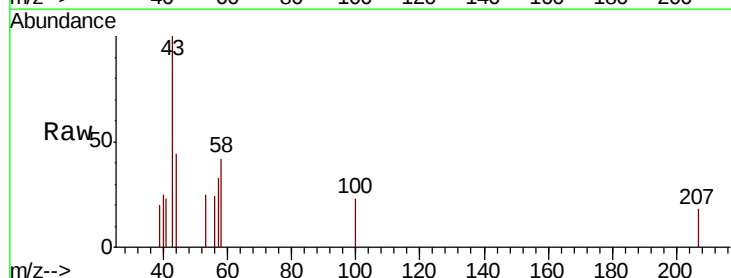
Acq: 14 Aug 2018 23:19

Tgt Ion: 43 Resp: 1619

Ion Ratio Lower Upper

43 100

58 41.7 19.4 58.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

800

600

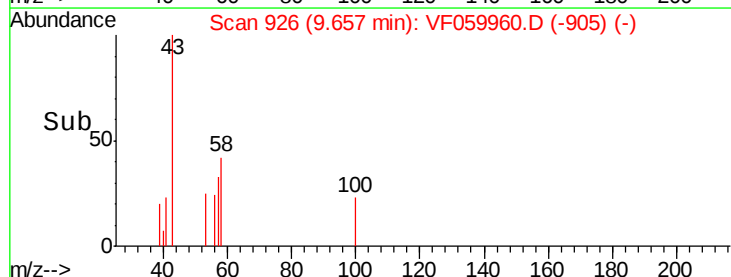
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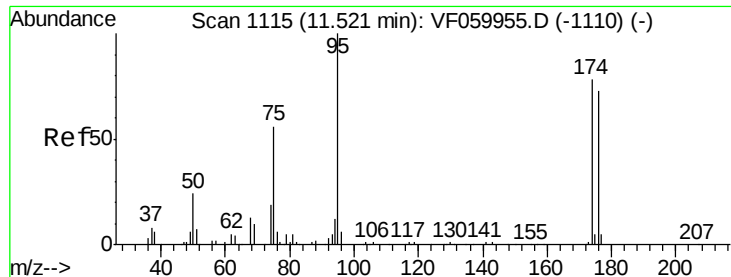
200

0

9.60 9.65 9.70

Time-->





#62

4-Bromofluorobenzene

Concen: 49.48 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. -0.00 min

Lab File: VF059960.D

Acq: 14 Aug 2018 23:19

Instrument :

MSVOA_F

ClientSampleId :

VF0814SBL01

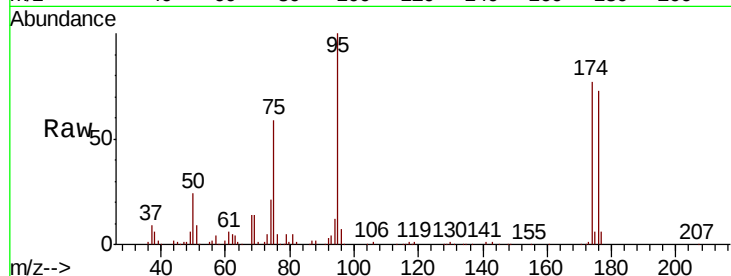
Tot Ion: 95 Resp: 116397

Ion Ratio Lower Upper

95 100

174 76.9 0.0 156.4

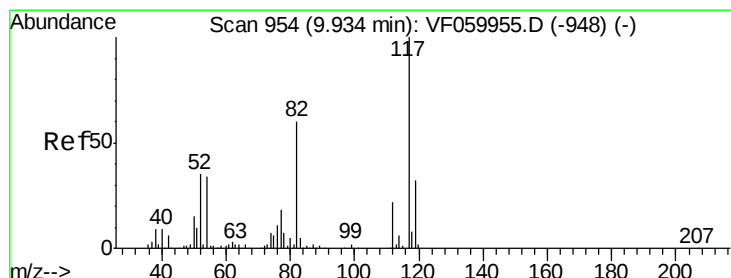
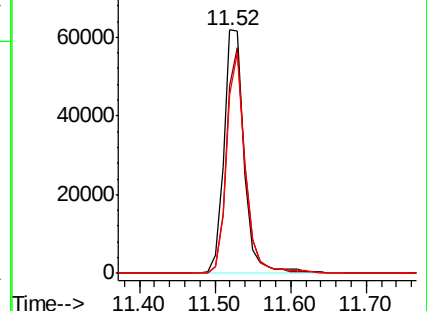
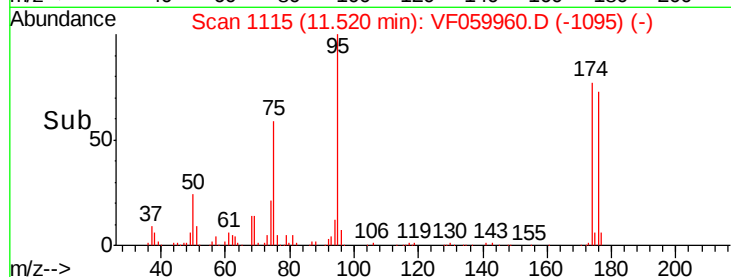
176 73.4 0.0 146.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.93 min Scan# 954

Delta R.T. -0.00 min

Lab File: VF059960.D

Acq: 14 Aug 2018 23:19

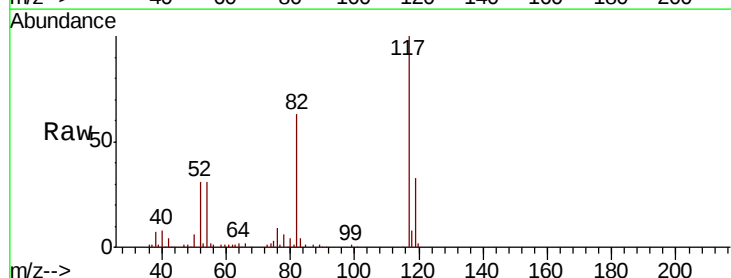
Tgt Ion: 117 Resp: 188438

Ion Ratio Lower Upper

117 100

82 63.1 48.3 72.5

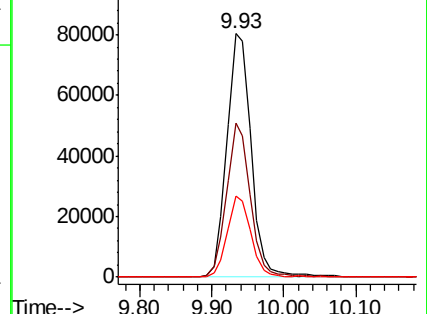
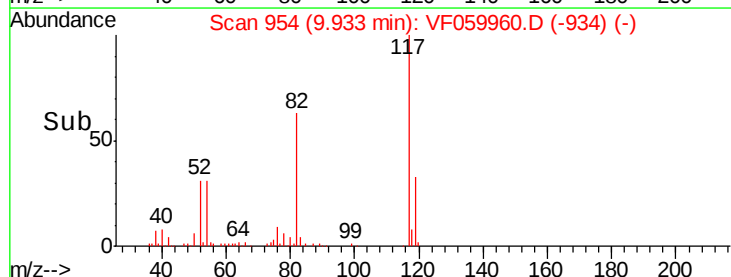
119 33.5 25.7 38.5

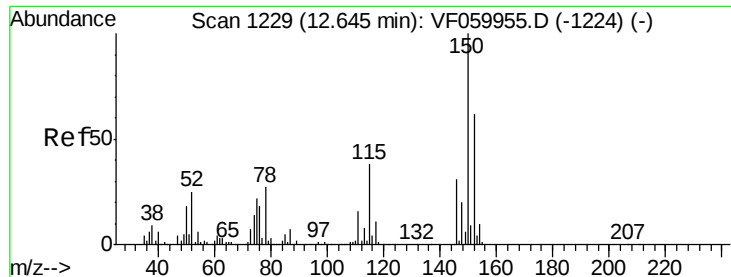


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

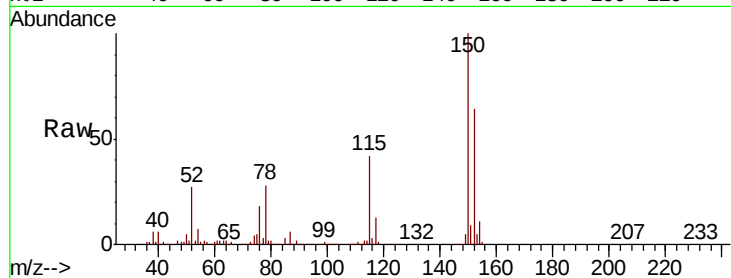




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.64 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VF059960.D
 Acq: 14 Aug 2018 23:19

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0814SBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.1	31.4	94.0
150	156.8	0.0	326.2



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

