

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059349.D
 Acq On : 27 Jun 2018 19:55
 Operator : VA/AP
 Sample : J3677-09
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 147-149-B2(0-5)

Quant Time: Jun 28 02:28:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	146795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	225624	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	204632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	113931	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	84801	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	
35) Dibromofluoromethane	4.28	113	73426	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
50) Toluene-d8	7.71	98	162093	39.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.42%	
62) 4-Bromofluorobenzene	11.51	95	81939	35.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.18%	

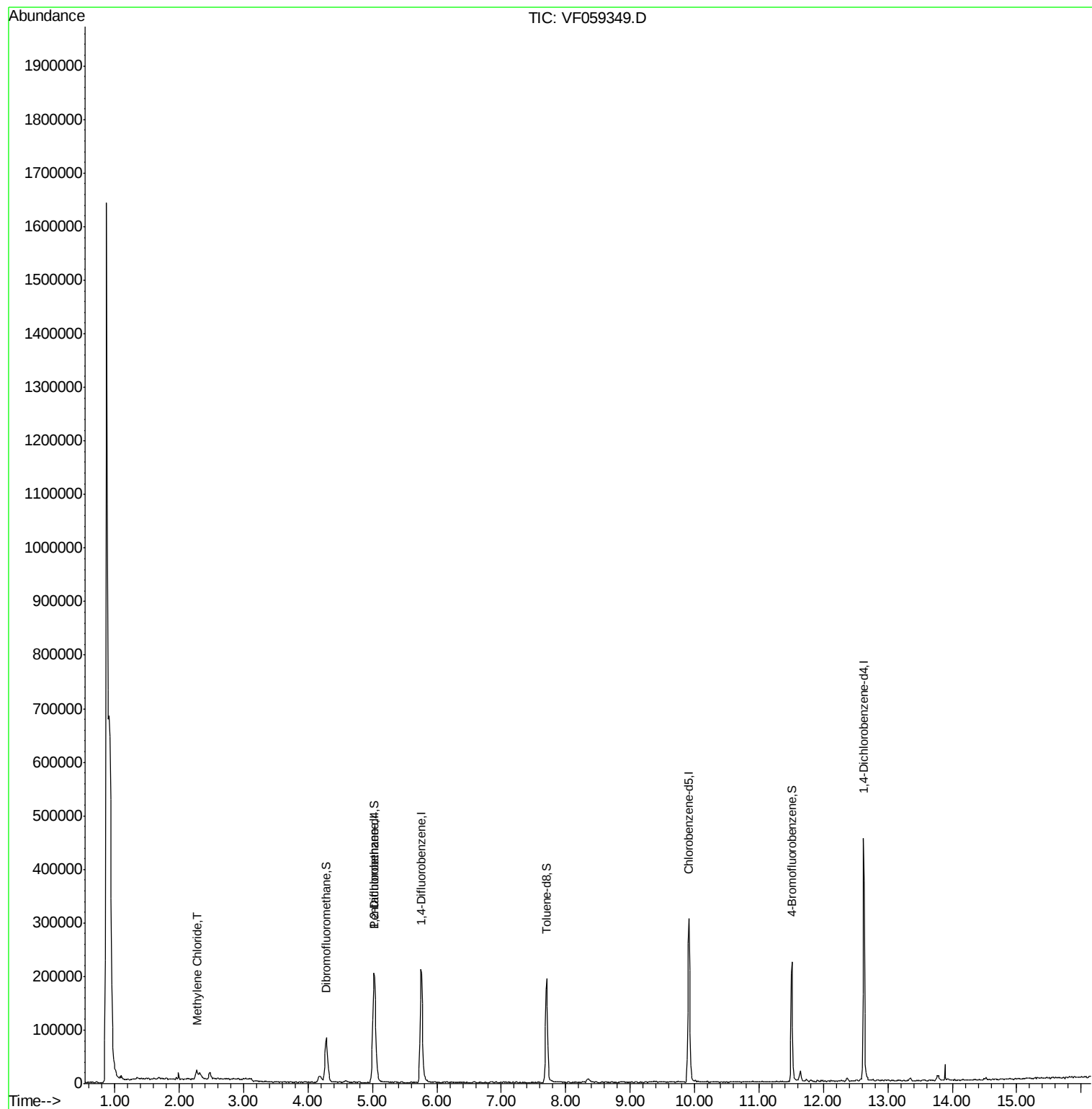
Target Compounds						Qvalue
20) Methylene Chloride	2.27	84	10629	3.06	ug/l	# 78

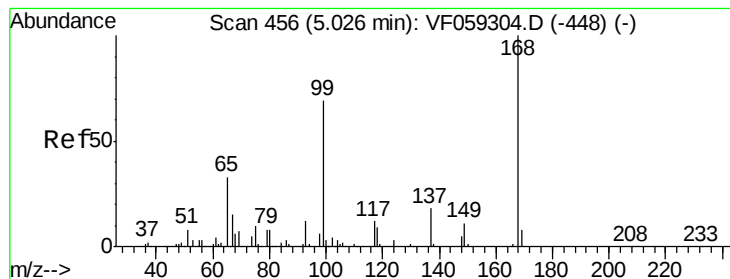
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062718\
Data File : VF059349.D
Acq On : 27 Jun 2018 19:55
Operator : VA/AP
Sample : J3677-09
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
147-149-B2(0-5)

Quant Time: Jun 28 02:28:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059349.D

Acq: 27 Jun 2018 19:55

Instrument :

MSVOA_F

ClientSampleId :

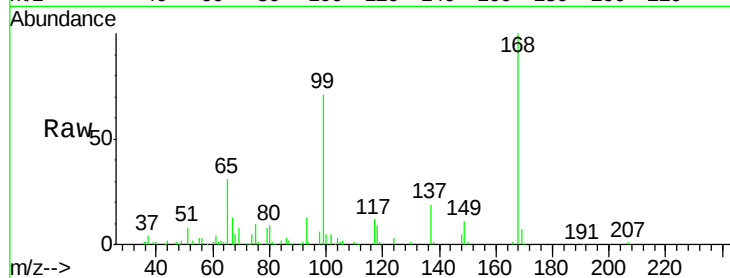
147-149-B2(0-5)

Tot Ion:168 Resp: 146795

Ion Ratio Lower Upper

168 100

99 70.8 54.9 82.3



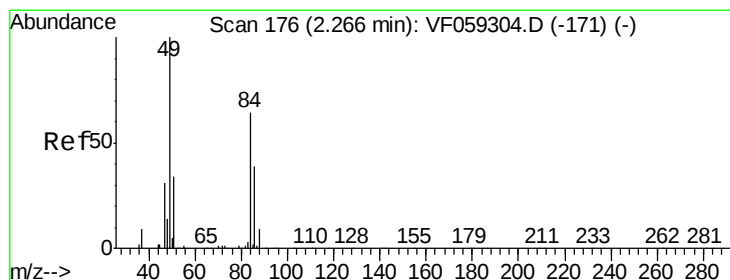
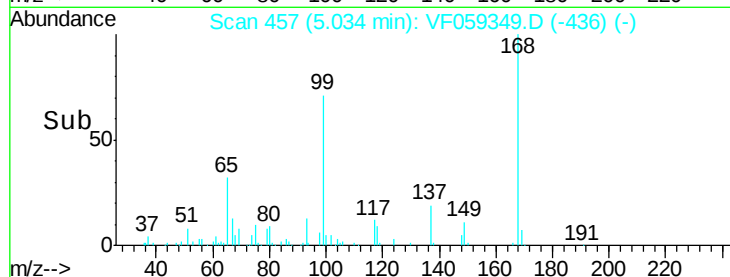
Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 3.06 ug/l

RT: 2.27 min Scan# 177

Delta R.T. 0.01 min

Lab File: VF059349.D

Acq: 27 Jun 2018 19:55

Tgt Ion: 84 Resp: 10629

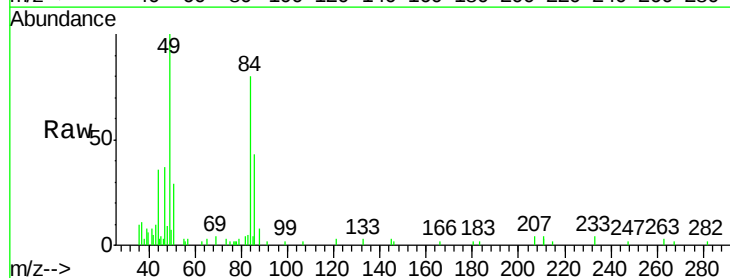
Ion Ratio Lower Upper

84 100

49 125.0 126.5 189.7#

51 35.8 42.9 64.3#

86 53.5 48.6 73.0



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

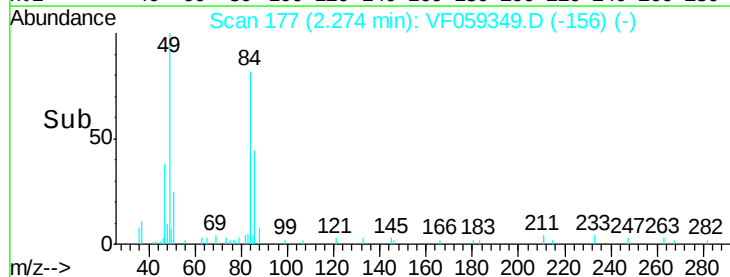
Ion 51.00 (50.70 to 51.70): VF0

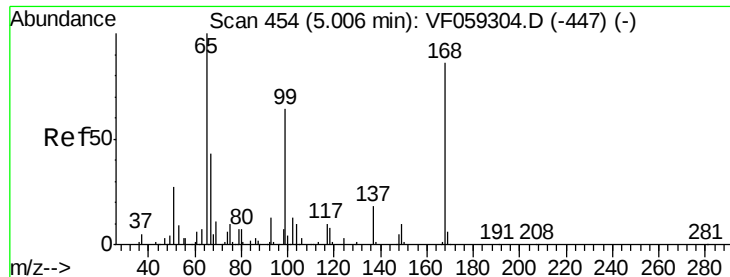
Ion 86.00 (85.70 to 86.70): VF0

2.27

Time-->

2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 44.71 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059349.D

Acq: 27 Jun 2018 19:55

Instrument :

MSVOA_F

ClientSampleId :

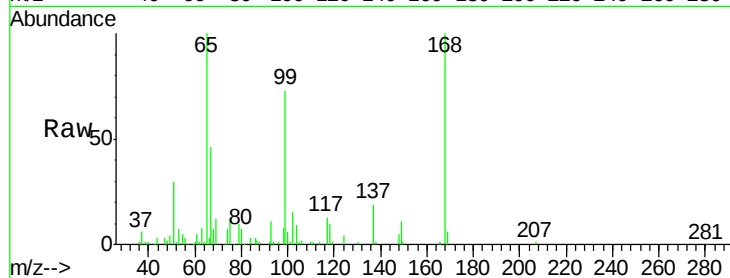
147-149-B2(0-5)

Tot Ion: 65 Resp: 84801

Ion Ratio Lower Upper

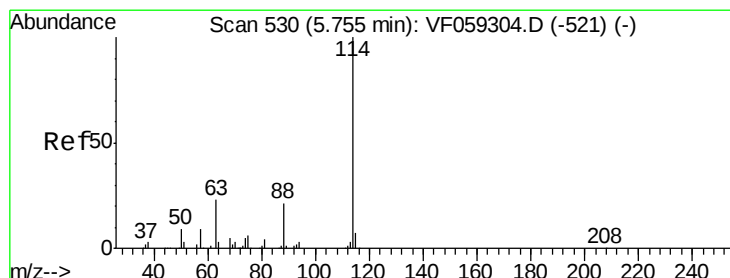
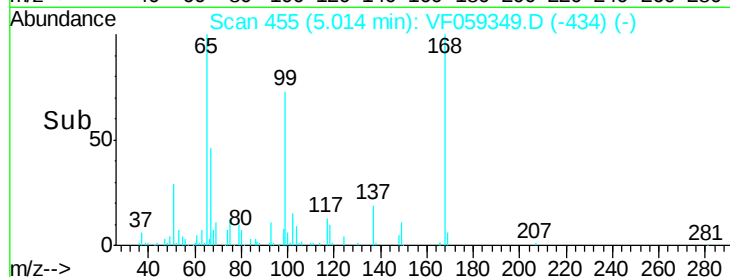
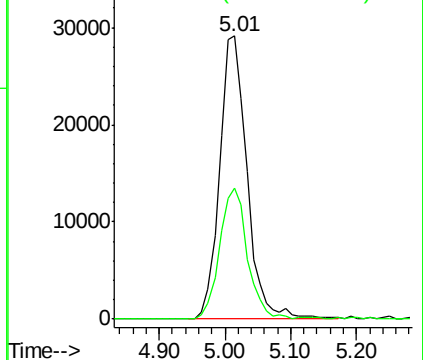
65 100

67 46.4 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059349.D

Acq: 27 Jun 2018 19:55

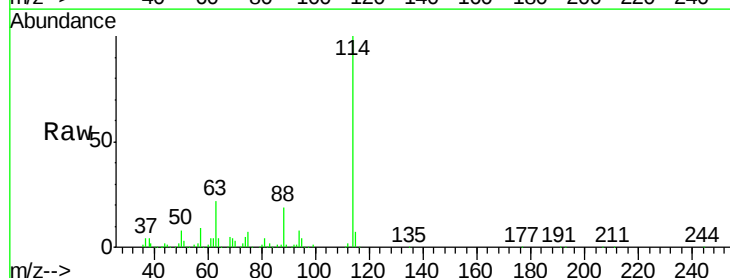
Tgt Ion: 114 Resp: 225624

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.8

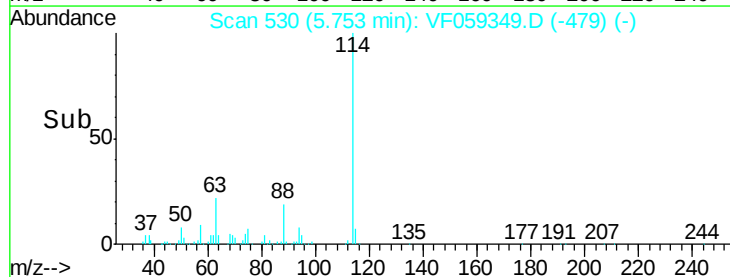
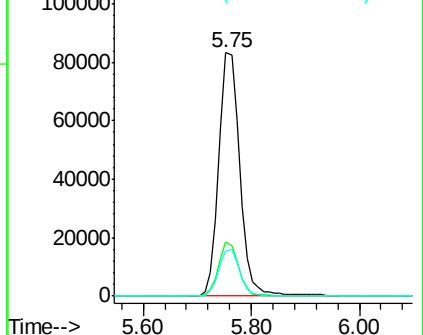
88 18.7 0.0 41.2



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: 44.54 ug/l

RT: 4.28 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059349.D

Acq: 27 Jun 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :
147-149-B2(0-5)

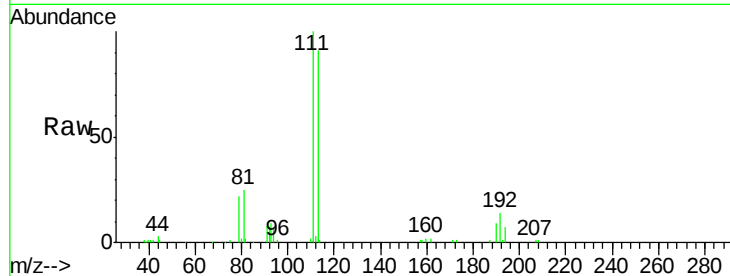
Tot Ion:113 Resp: 73426

Ion	Ratio	Lower	Upper
113	100		
111	109.7	82.1	123.1
192	14.9	13.0	19.6

113 100

111 109.7 82.1 123.1

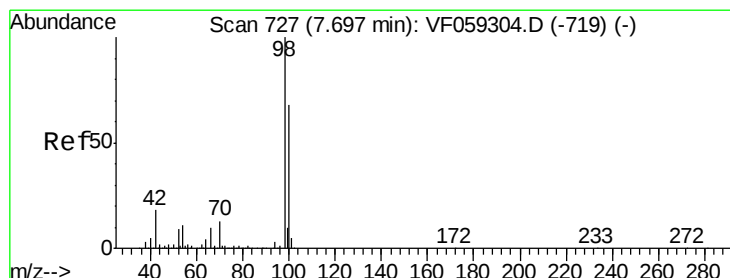
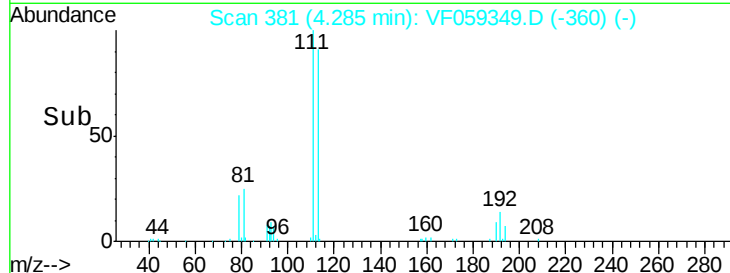
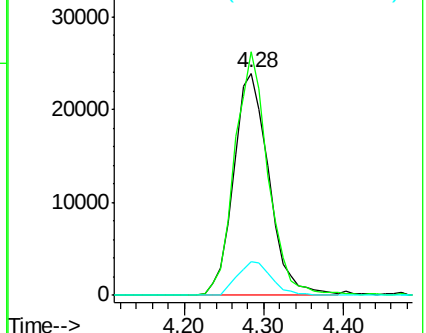
192 14.9 13.0 19.6



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: 39.71 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF059349.D

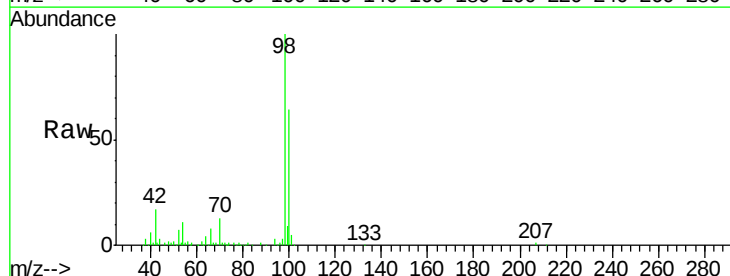
Acq: 27 Jun 2018 19:55

Tgt Ion: 98 Resp: 162093

Ion	Ratio	Lower	Upper
98	100		
100	63.8	54.6	82.0

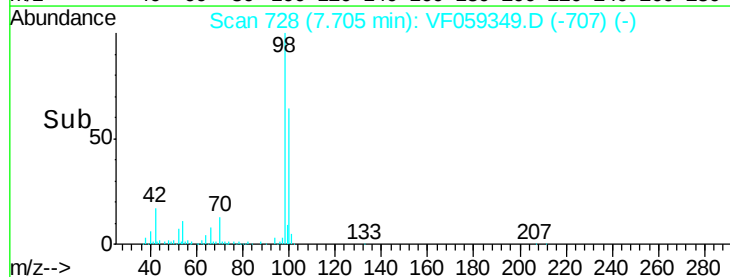
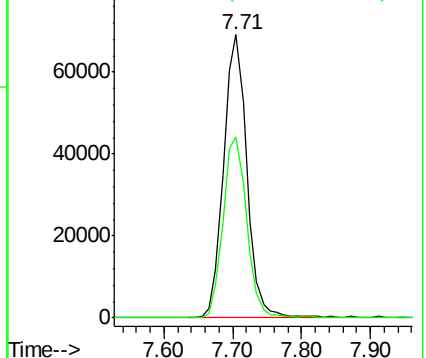
98 100

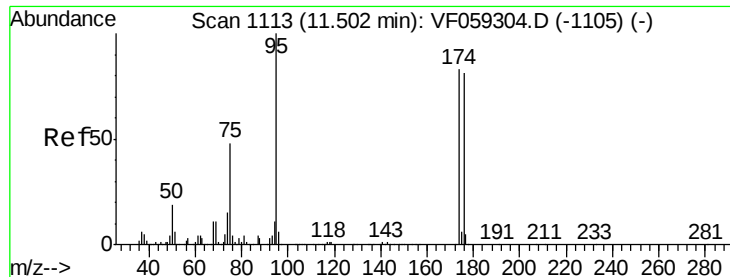
100 63.8 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

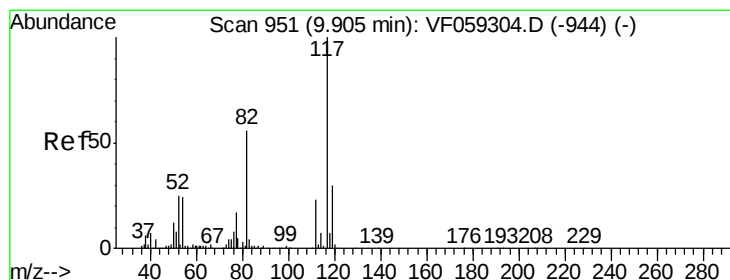
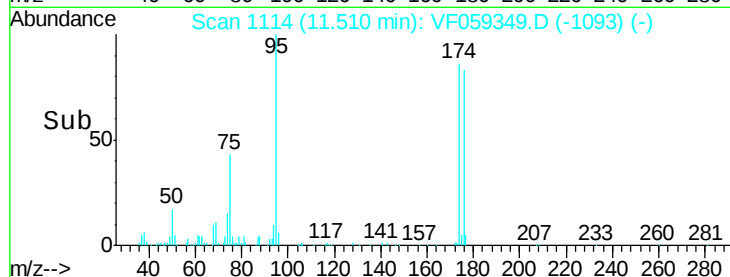
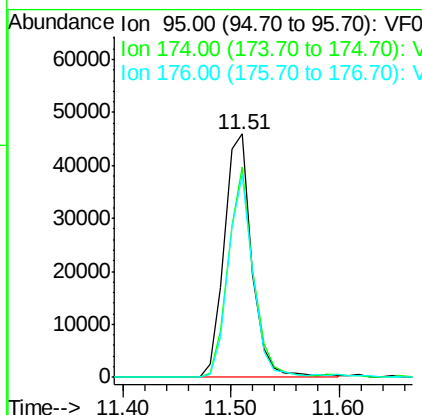
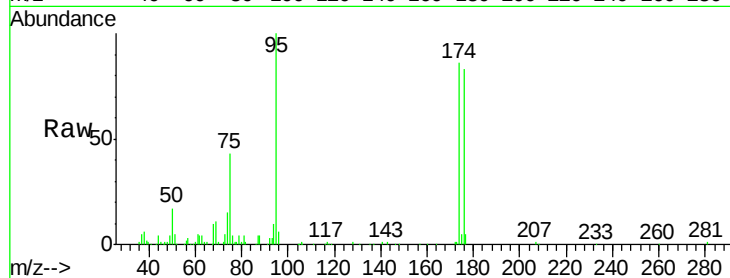




#62
4-Bromofluorobenzene
Concen: 35.59 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

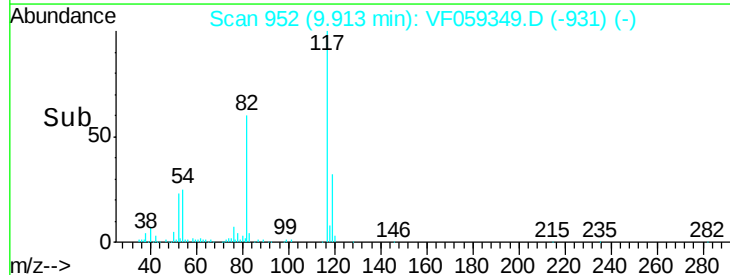
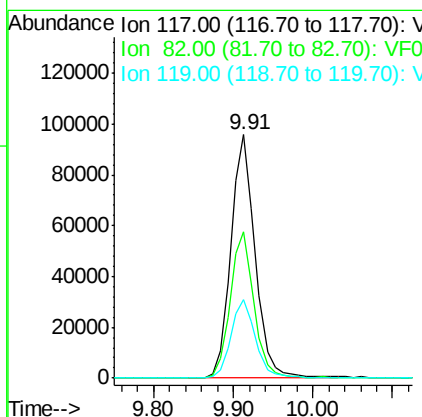
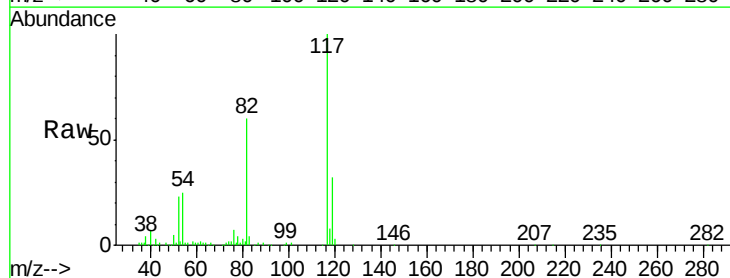
Instrument :
MSVOA_F
ClientSampleId :
147-149-B2(0-5)

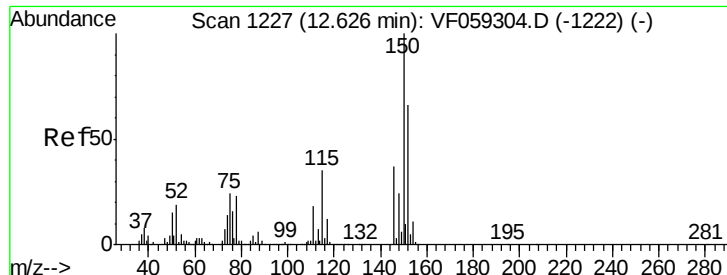
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	165.2
176	83.3	0.0	161.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.2	44.6	66.8
119	32.2	24.1	36.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059349.D

Acq: 27 Jun 2018 19:55

Instrument :

MSVOA_F

ClientSampleId :

147-149-B2(0-5)

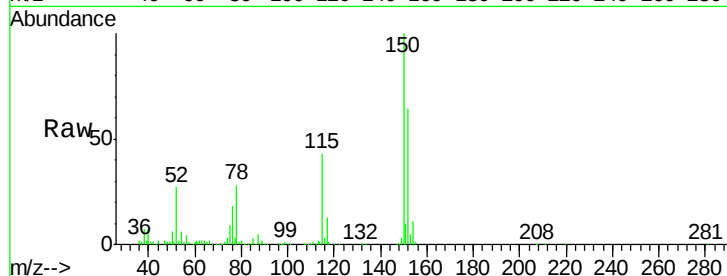
Tot Ion:152 Resp: 113931

Ion Ratio Lower Upper

152 100

115 67.8 27.1 81.3

150 156.8 0.0 305.2



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

