

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059373.D
 Acq On : 28 Jun 2018 21:06
 Operator : VA/AP
 Sample : J3747-02
 Misc : 9.70g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-4

Quant Time: Jun 29 05:47:24 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

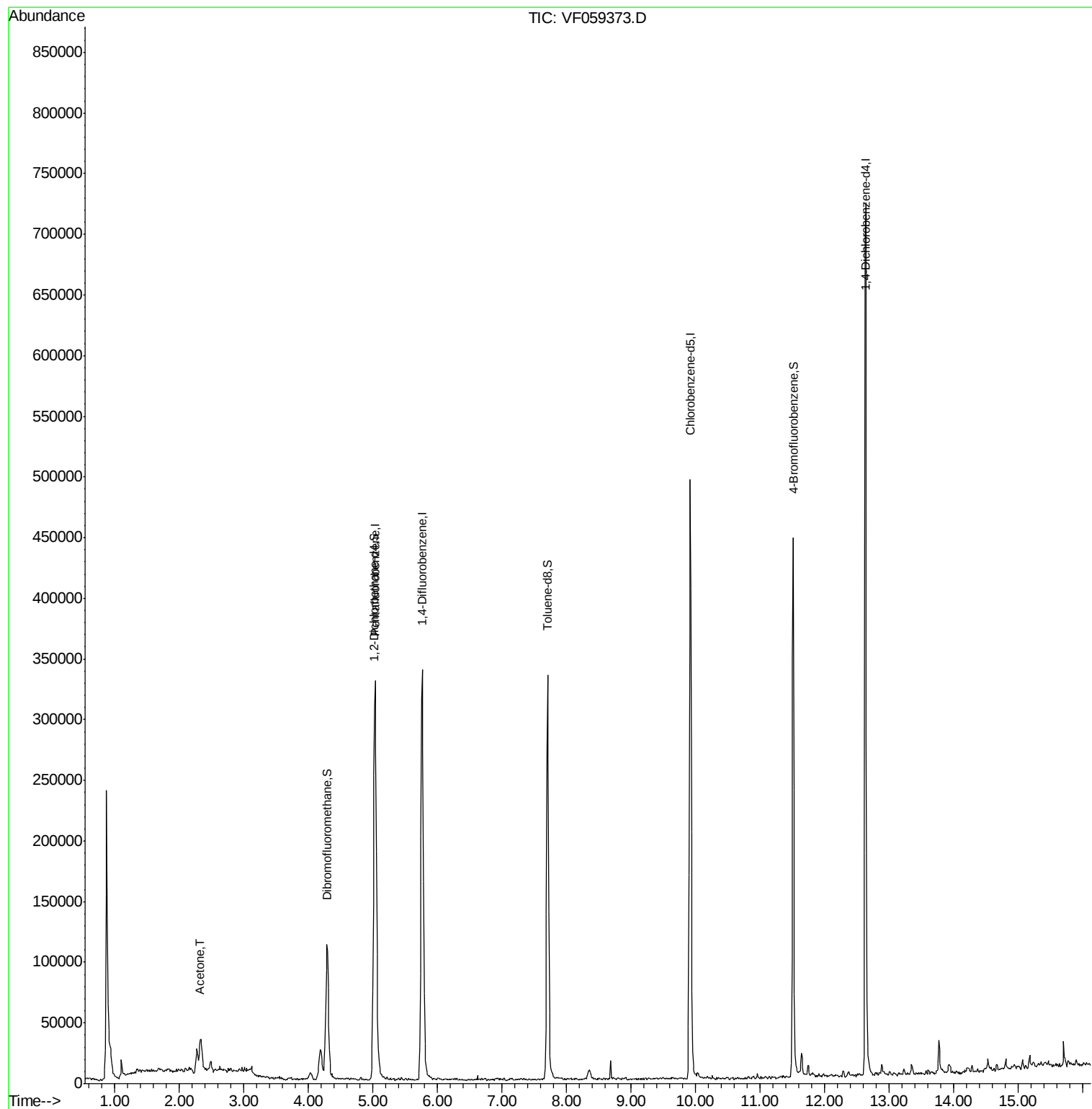
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	241481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	369053	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	348058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	191850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	128279	41.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.24%	
35) Dibromofluoromethane	4.29	113	102532	38.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.04%	
50) Toluene-d8	7.71	98	272881	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.74%	
62) 4-Bromofluorobenzene	11.51	95	150399	39.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.86%	
Target Compounds						
16) Acetone	2.33	43	35071	36.29	ug/l	Qvalue 97

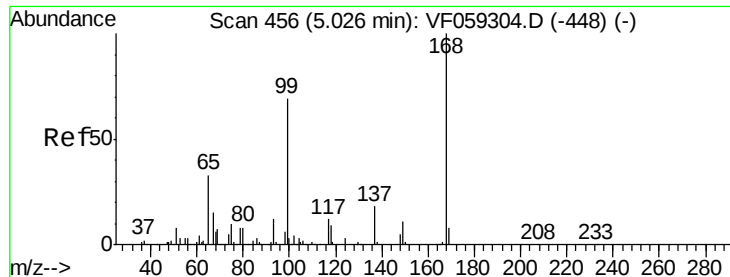
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059373.D

Acq: 28 Jun 2018 21:06

Instrument :

MSVOA_F

ClientSampleId :

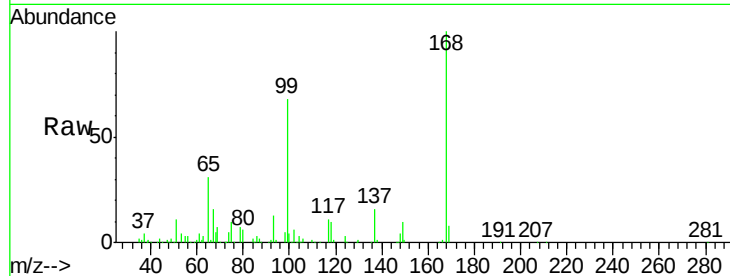
RICH-REC-ROAD-STONE-4

Tot Ion:168 Resp: 241481

Ion Ratio Lower Upper

168 100

99 67.9 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

80000

60000

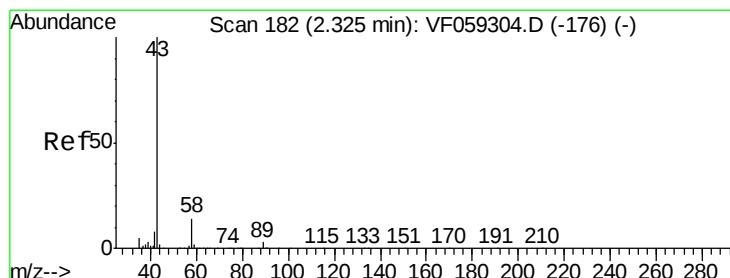
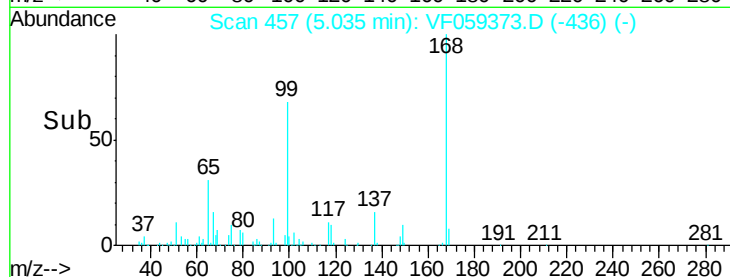
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 36.29 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059373.D

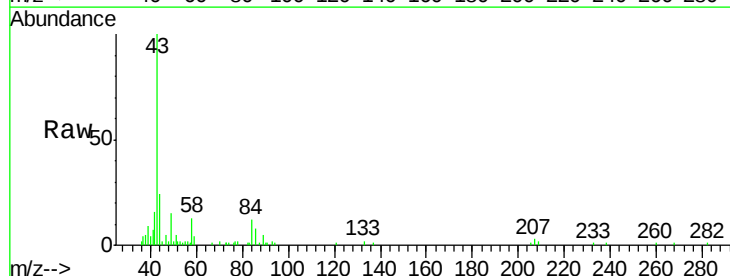
Acq: 28 Jun 2018 21:06

Tgt Ion: 43 Resp: 35071

Ion Ratio Lower Upper

43 100

58 12.8 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

15000

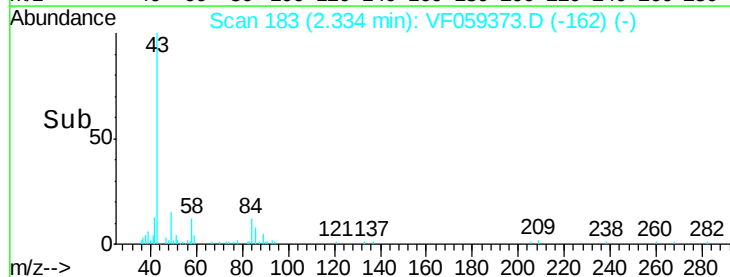
10000

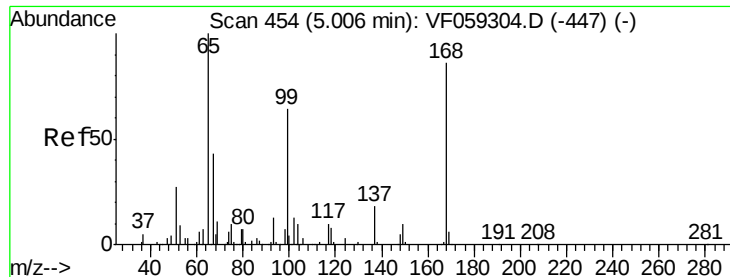
5000

0

Time-->

2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 41.12 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059373.D

Acq: 28 Jun 2018 21:06

Instrument :

MSVOA_F

ClientSampleId :

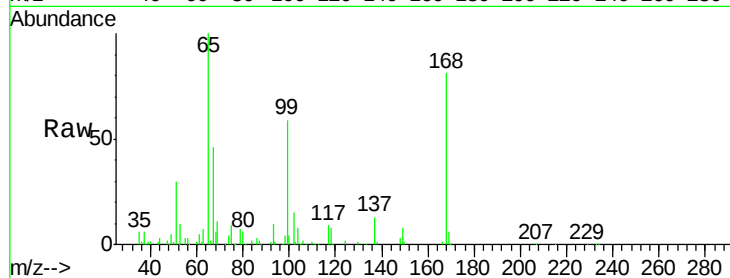
RICH-REC-ROAD-STONE-4

Tot Ion: 65 Resp: 128279

Ion Ratio Lower Upper

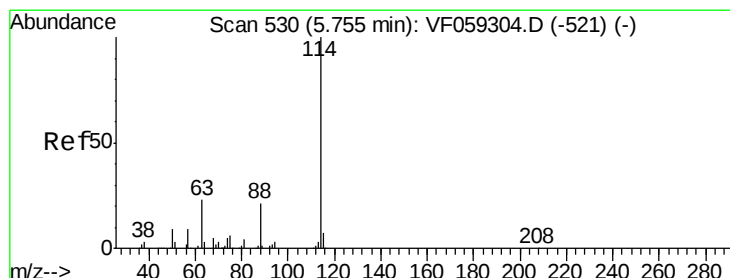
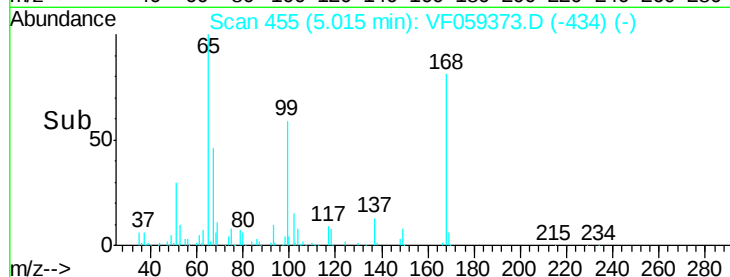
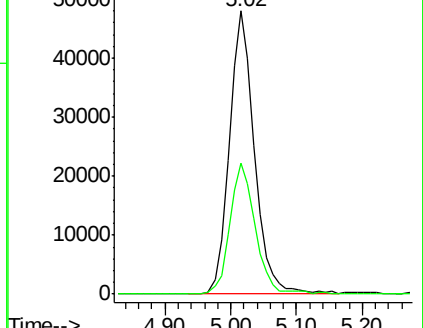
65 100

67 46.5 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: 5.76 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059373.D

Acq: 28 Jun 2018 21:06

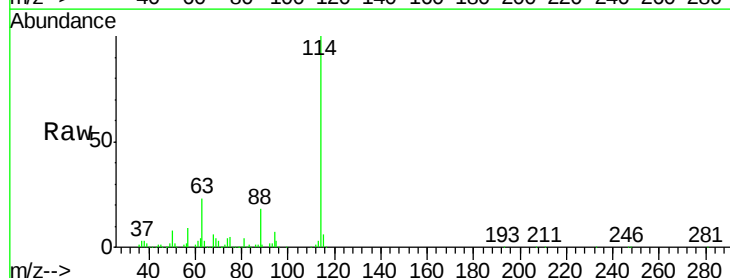
Tgt Ion: 114 Resp: 369053

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.8

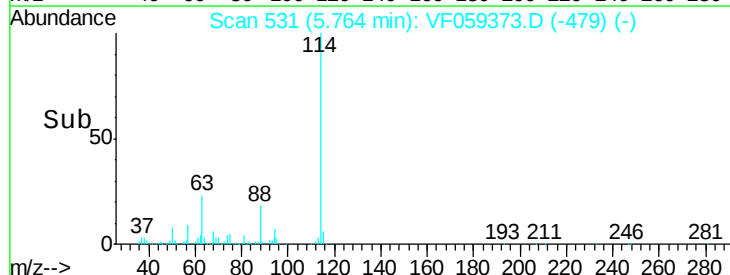
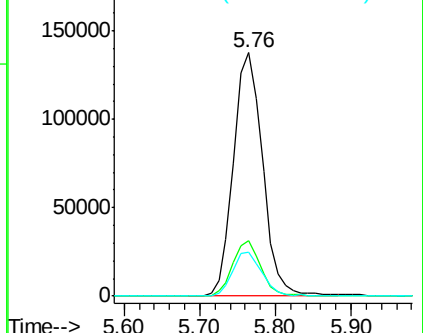
88 18.2 0.0 41.2



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

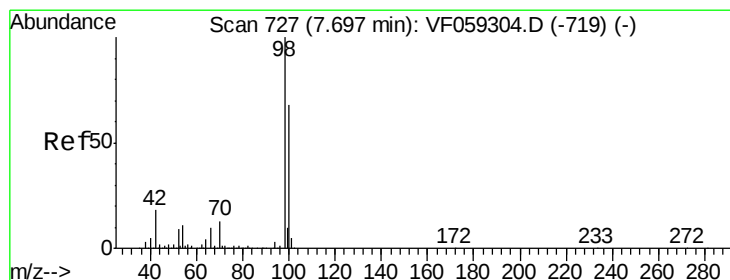
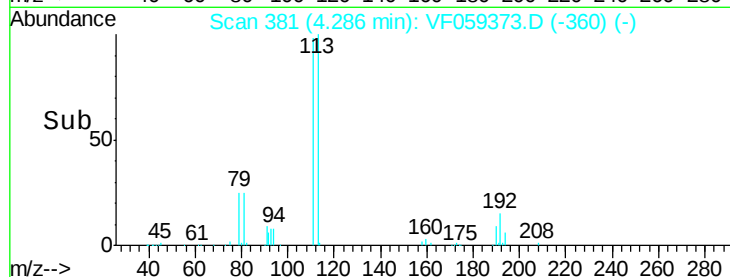
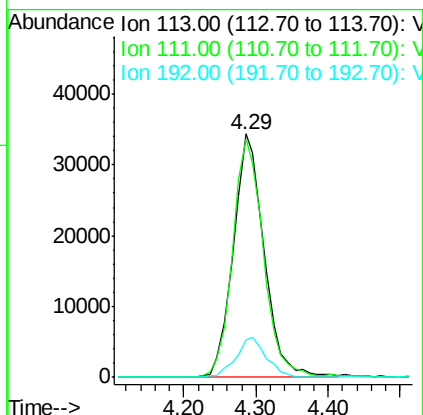
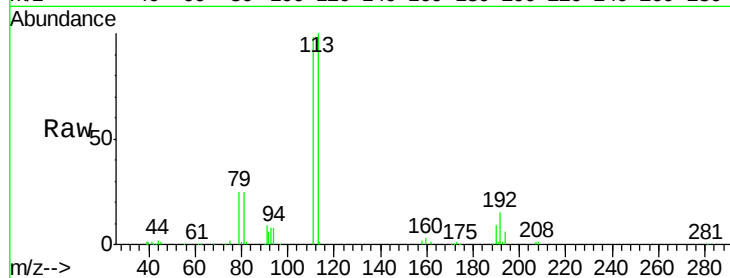




#35
Dibromofluoromethane
Concen: 38.02 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.01 min
Lab File: VF059373.D
Acq: 28 Jun 2018 21:06

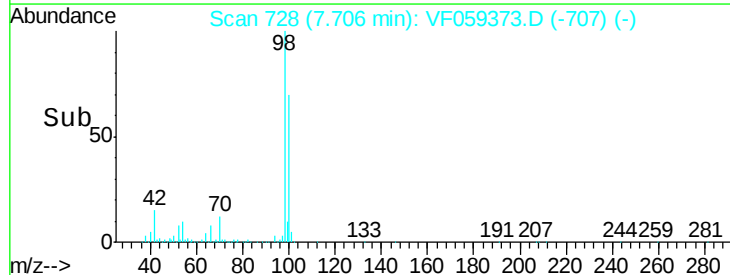
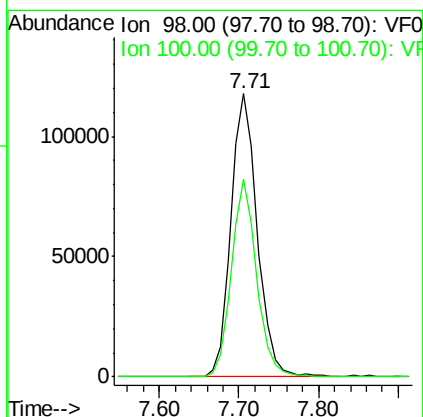
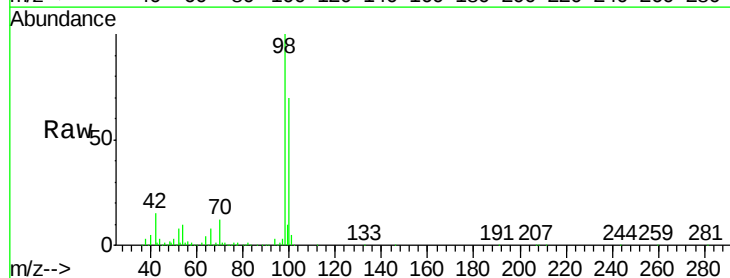
Instrument :
MSVOA_F
ClientSampleId :
RICH-REC-ROAD-STONE-4

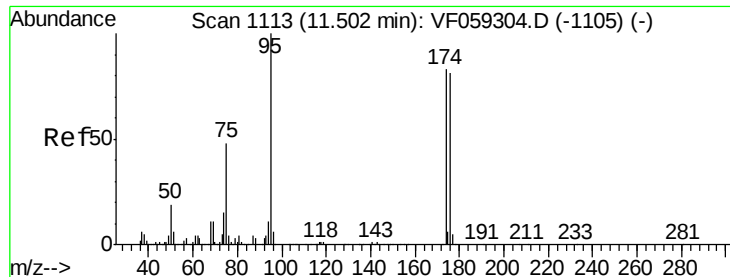
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.1	82.1	123.1
192	15.6	13.0	19.6



#50
Toluene-d8
Concen: 40.87 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059373.D
Acq: 28 Jun 2018 21:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.0	54.6	82.0





#62

4-Bromofluorobenzene

Concen: 39.93 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059373.D

Acq: 28 Jun 2018 21:06

Instrument :

MSVOA_F

ClientSampleId :

RICH-REC-ROAD-STONE-4

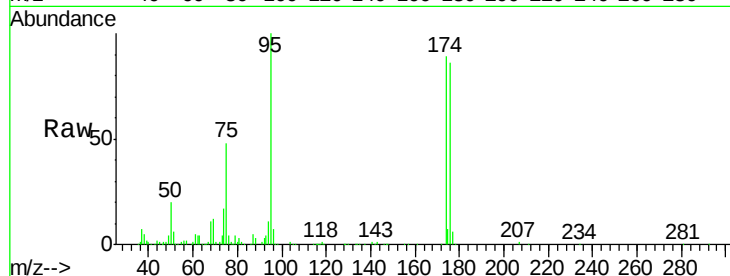
Tot Ion: 95 Resp: 150399

Ion Ratio Lower Upper

95 100

174 88.7 0.0 165.2

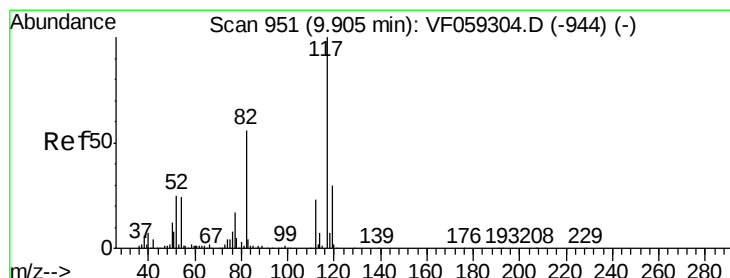
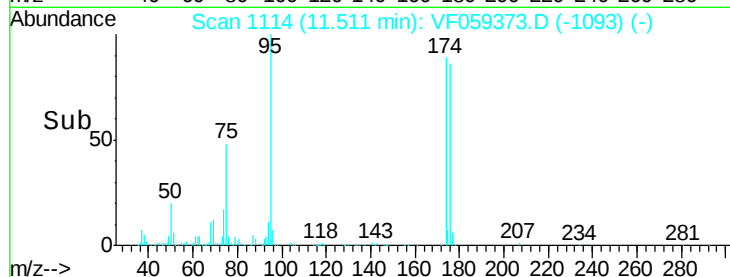
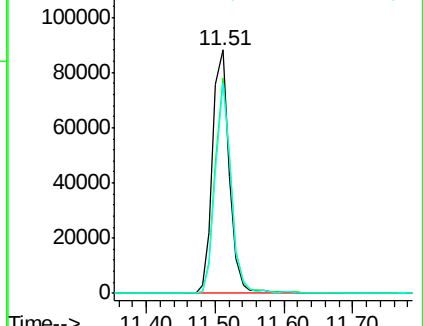
176 86.4 0.0 161.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF059373.D

Acq: 28 Jun 2018 21:06

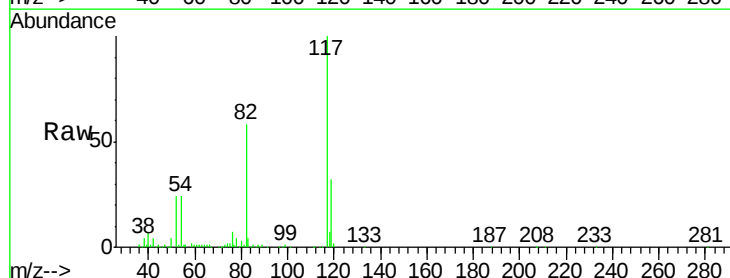
Tgt Ion: 117 Resp: 348058

Ion Ratio Lower Upper

117 100

82 58.0 44.6 66.8

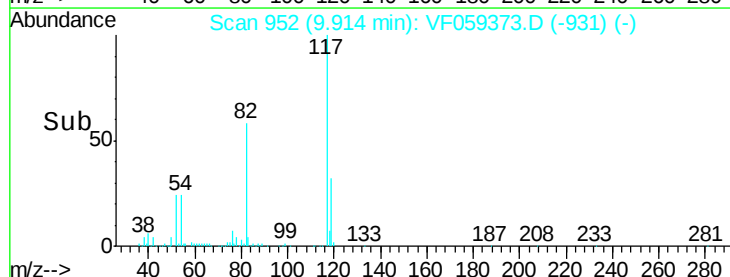
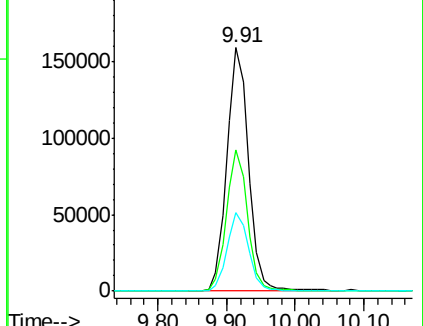
119 32.0 24.1 36.1

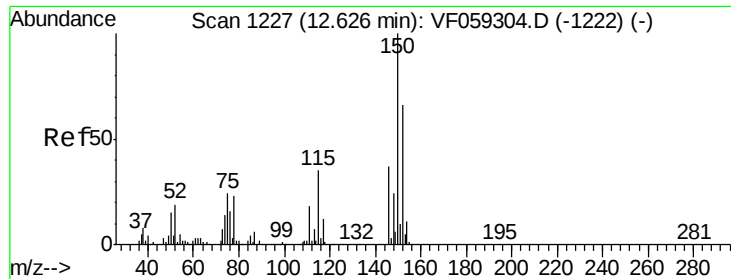


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VF059373.D

Acq: 28 Jun 2018 21:06

Instrument :

MSVOA_F

ClientSampleId :

RICH-REC-ROAD-STONE-4

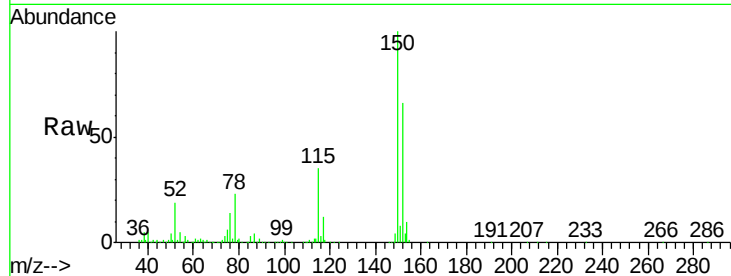
Tot Ion:152 Resp: 191850

Ion Ratio Lower Upper

152 100

115 54.2 27.1 81.3

150 152.6 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

