

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059783.D
 Acq On : 2 Aug 2018 5:46
 Operator : VA/AP
 Sample : J3826-05
 Misc : 6.37a/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-073118

Quant Time: Aug 02 07:57:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

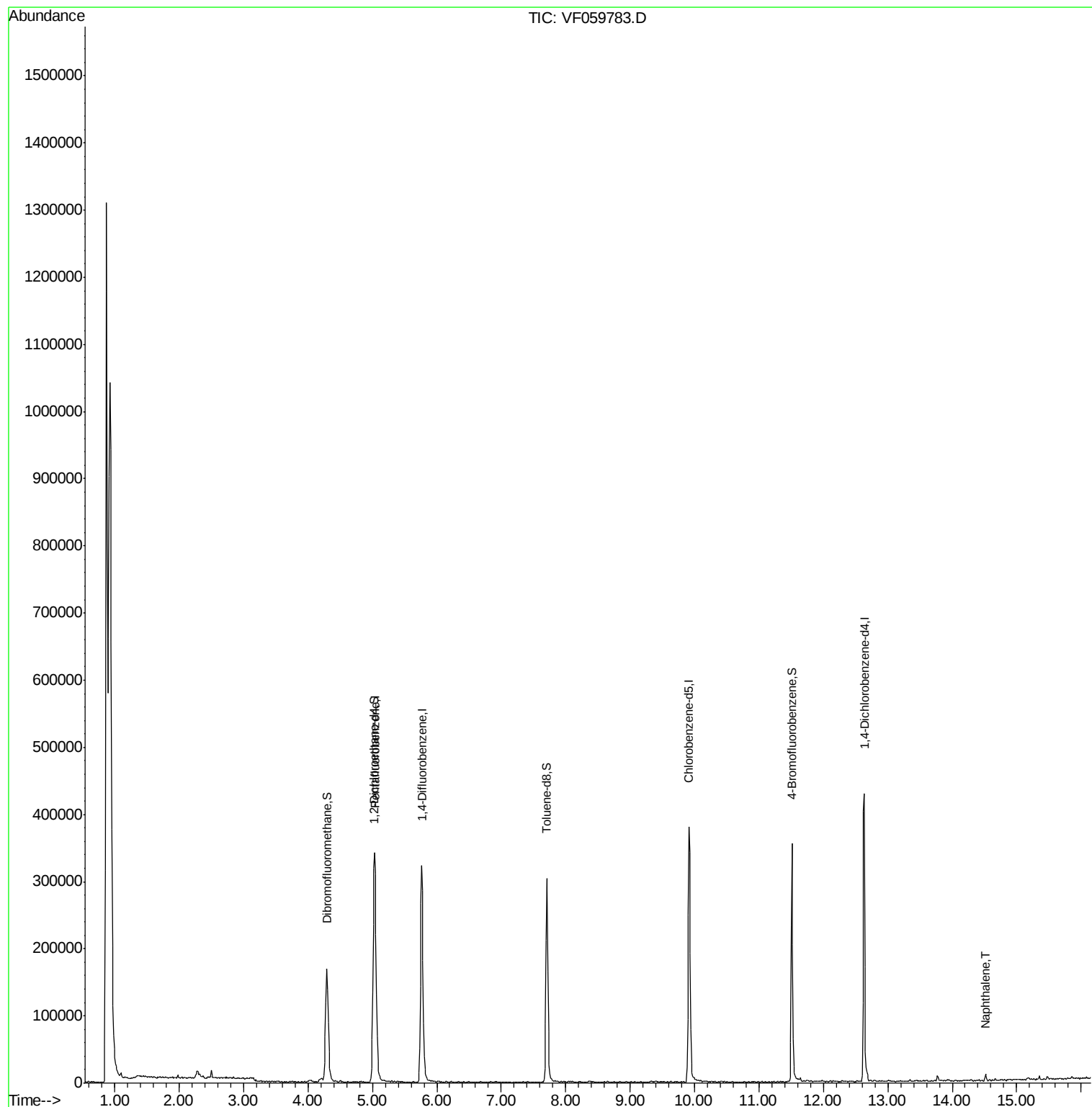
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	205626	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	304967	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	246171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	110861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	183524	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	4.30	113	147887	46.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	7.71	98	235174	31.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.68%	
62) 4-Bromofluorobenzene	11.51	95	111885	27.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.72%	
Target Compounds						
95) Naphthalene	14.53	128	6820	1.43	ug/l #	97

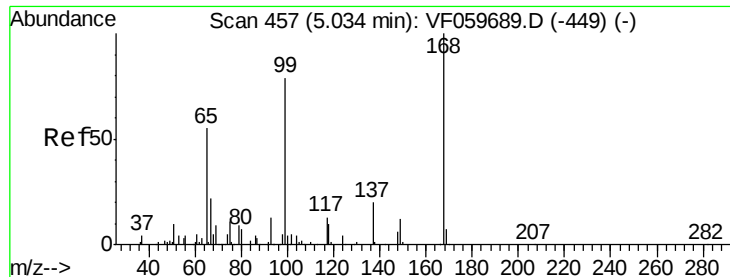
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059783.D

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MSVOA_F

ClientSampleId :

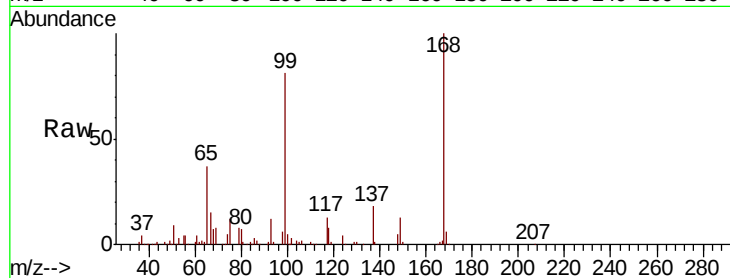
OK-03-073118

Tot Ion:168 Resp: 205626

Ion Ratio Lower Upper

168 100

99 80.7 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

60000

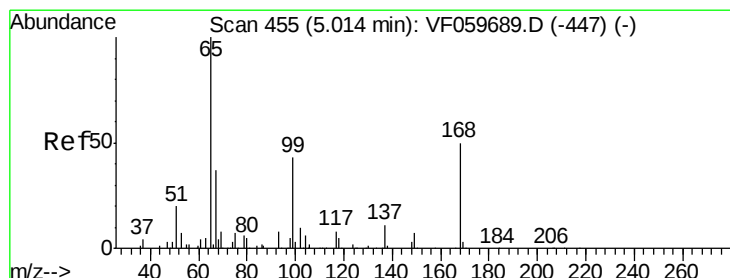
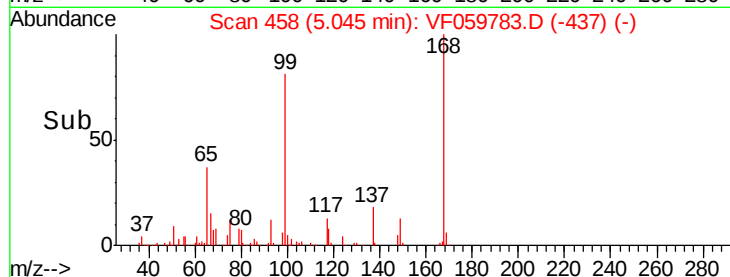
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 49.66 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059783.D

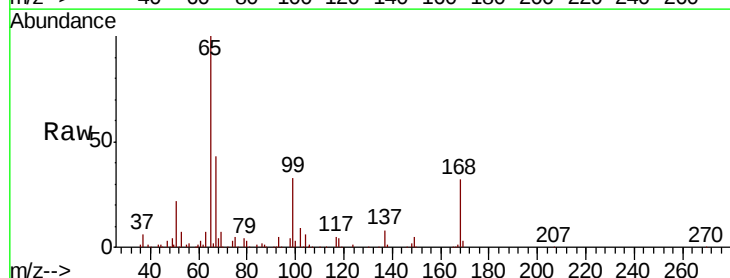
Acq: 2 Aug 2018 5:46

Tgt Ion: 65 Resp: 183524

Ion Ratio Lower Upper

65 100

67 42.8 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

60000

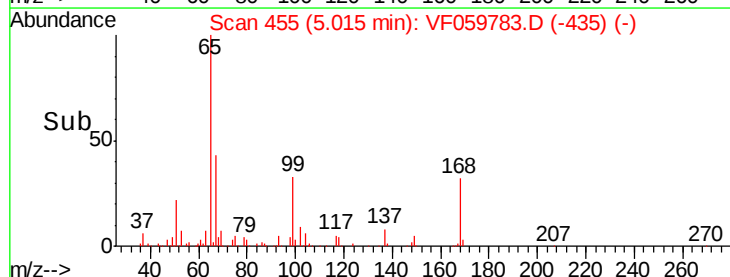
40000

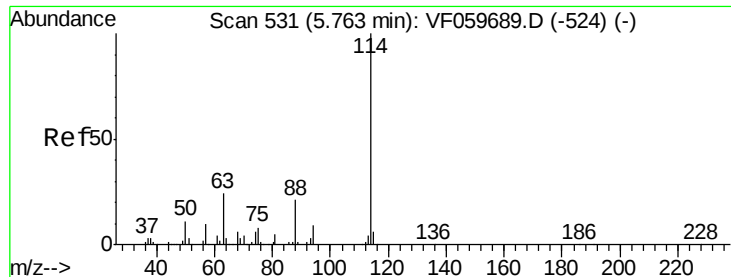
20000

0

Time-->

4.80 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059783.D

Acq: 2 Aug 2018 5:46

Instrument :

MSVOA_F

ClientSampleId :

OK-03-073118

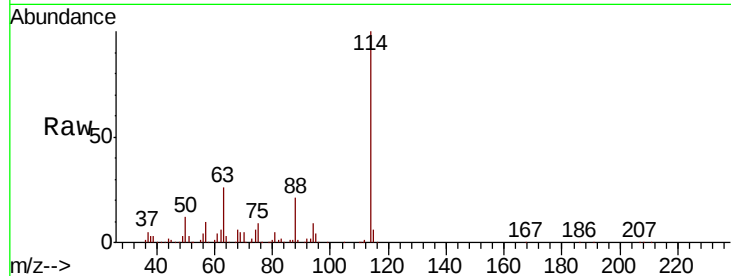
Tot Ion:114 Resp: 304967

Ion Ratio Lower Upper

114 100

63 26.2 0.0 47.4

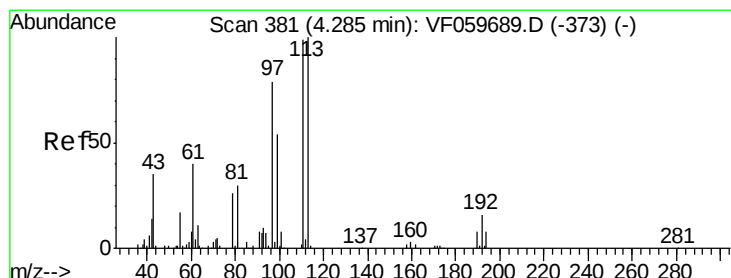
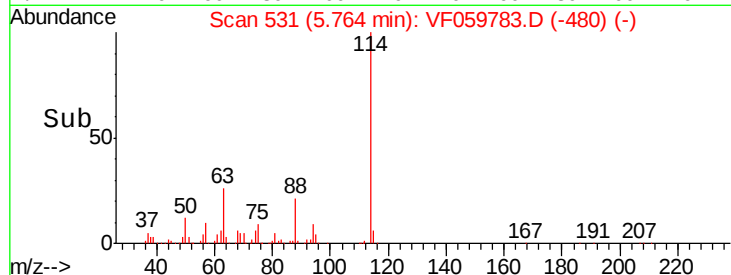
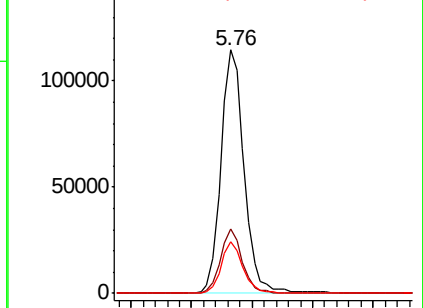
88 21.0 0.0 41.2



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: 46.69 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF059783.D

Acq: 2 Aug 2018 5:46

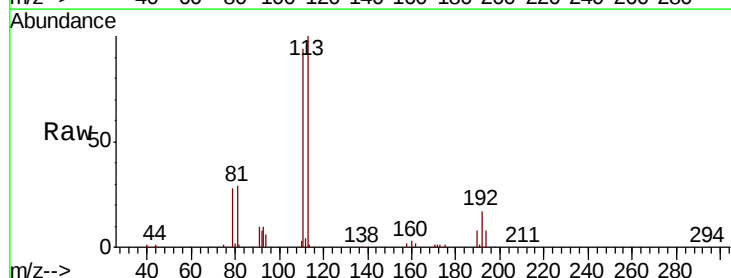
Tgt Ion:113 Resp: 147887

Ion Ratio Lower Upper

113 100

111 94.3 79.0 118.4

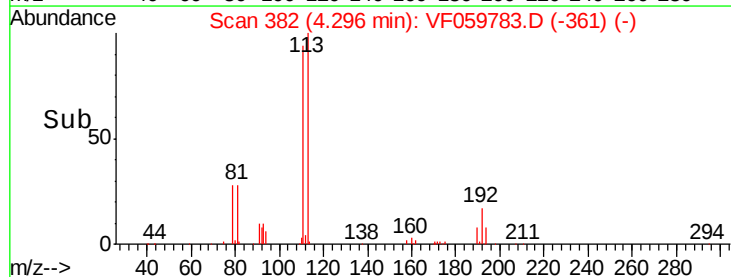
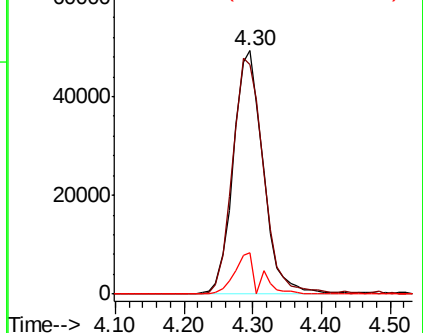
192 17.2 13.2 19.8

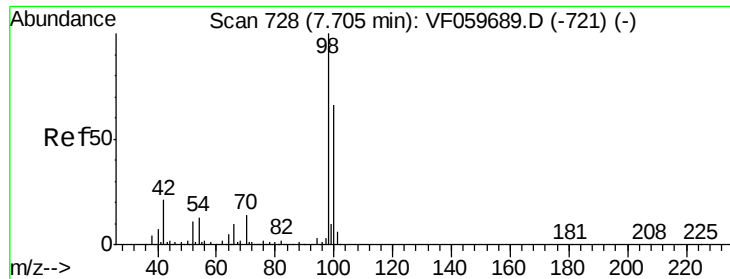


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 31.84 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059783.D

Acq: 2 Aug 2018 5:46

Instrument :

MSVOA_F

ClientSampleId :

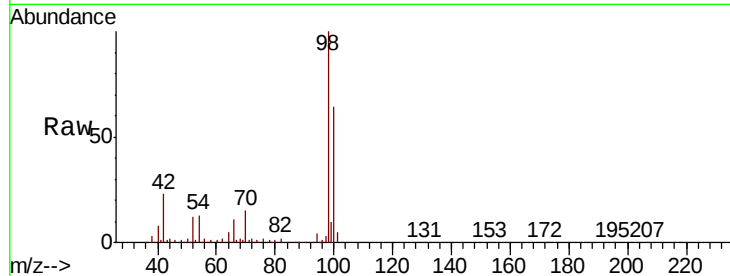
OK-03-073118

Tot Ion: 98 Resp: 235174

Ion Ratio Lower Upper

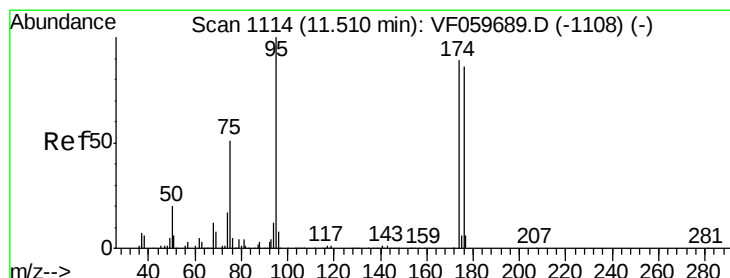
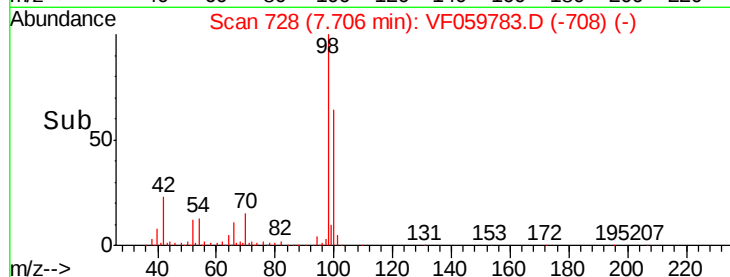
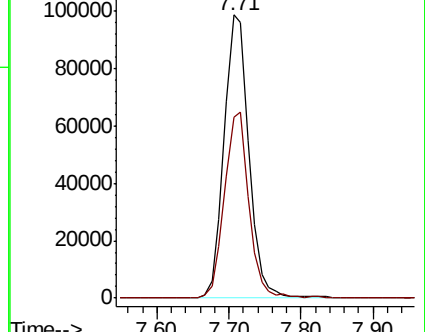
98 100

100 64.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 27.36 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059783.D

Acq: 2 Aug 2018 5:46

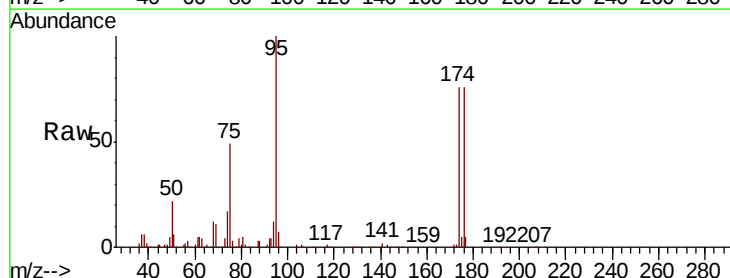
Tgt Ion: 95 Resp: 111885

Ion Ratio Lower Upper

95 100

174 76.3 0.0 178.4

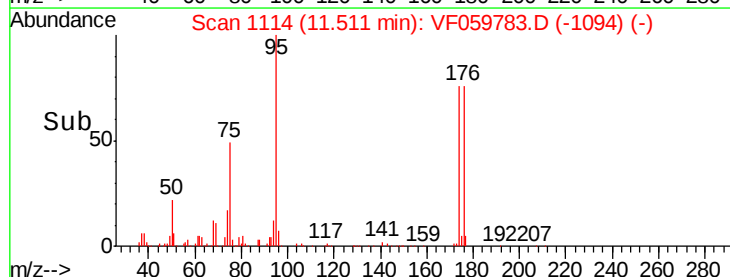
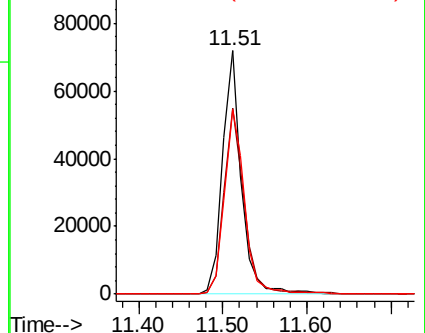
176 76.1 0.0 173.0

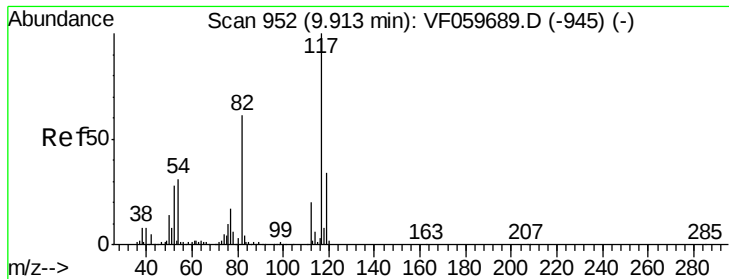


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

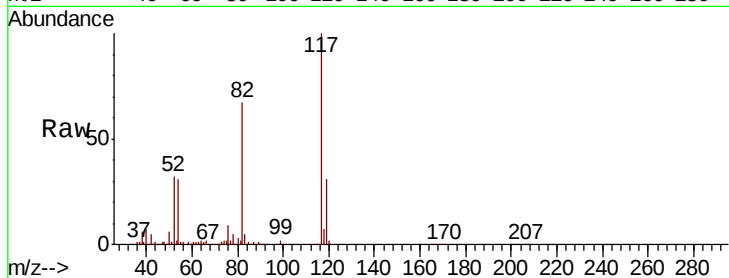




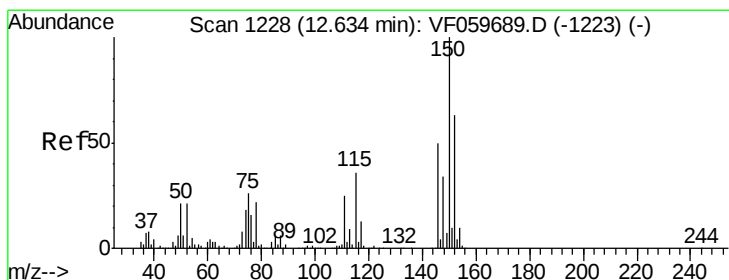
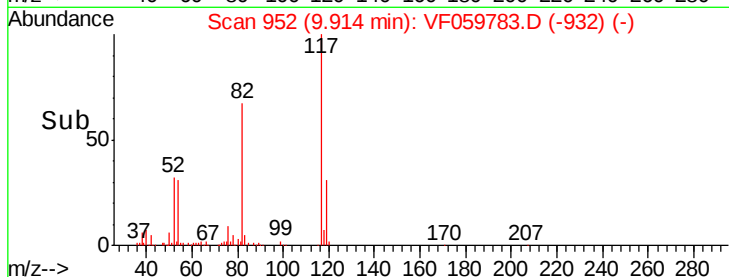
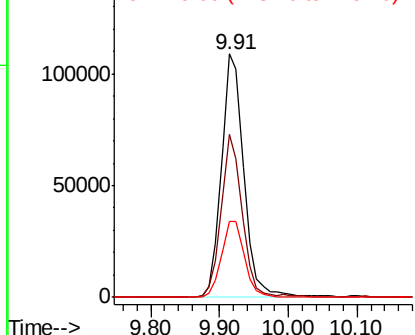
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059783.D
Acq: 2 Aug 2018 5:46

Instrument :
MSVOA_F
ClientSampleId :
OK-03-073118

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.7	49.0	73.4
119	31.0	27.3	40.9

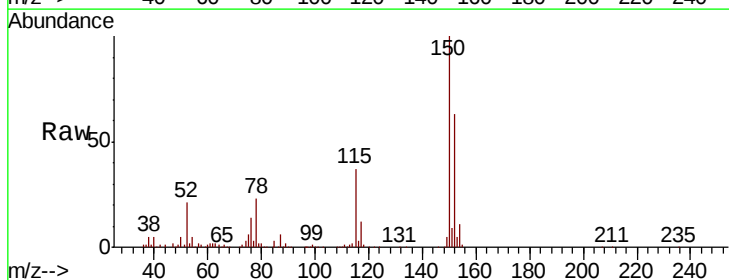


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

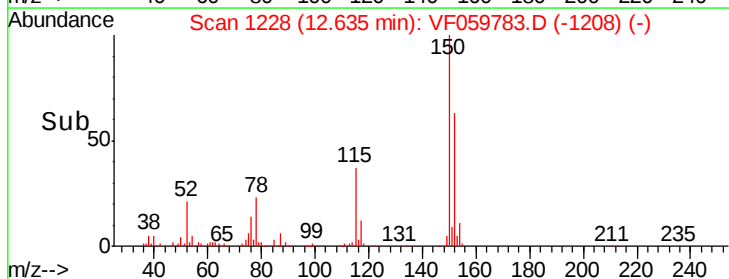
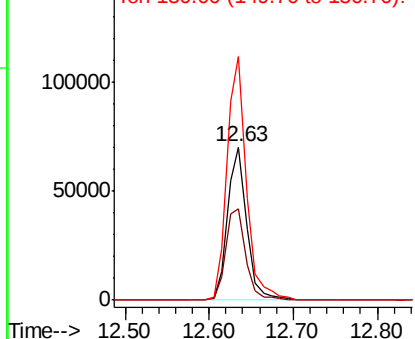


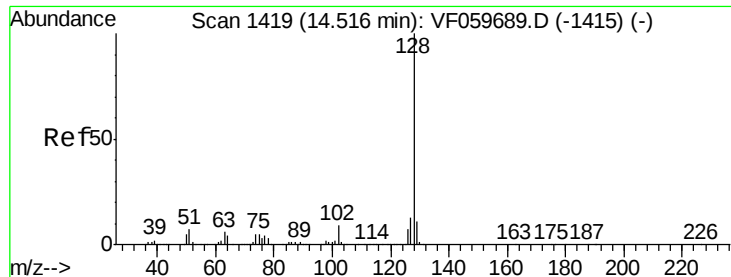
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059783.D
Acq: 2 Aug 2018 5:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.2	84.6
150	158.8	0.0	316.2



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





#95

Naphthalene

Concen: 1.43 ug/l

RT: 14.53 min Scan# 1420

Delta R.T. 0.01 min

Lab File: VF059783.D

Acq: 2 Aug 2018 5:46

Instrument :

MSVOA_F

ClientSampleId :

OK-03-073118

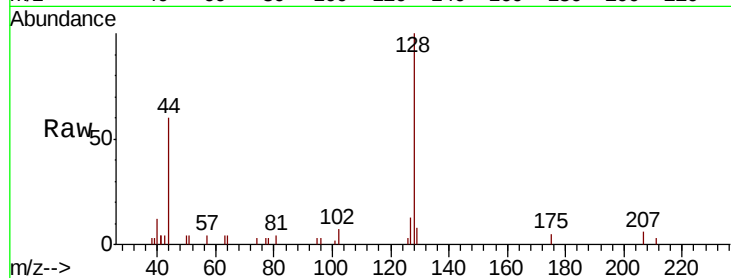
Tot Ion:128 Resp: 6820

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 8.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

