

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082218\
 Data File : VF060039.D
 Acq On : 22 Aug 2018 14:50
 Operator : VA/AP
 Sample : J4574-01
 Misc : 7.49g/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TOD1-SB-03-51-51.5

Quant Time: Aug 23 08:33:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

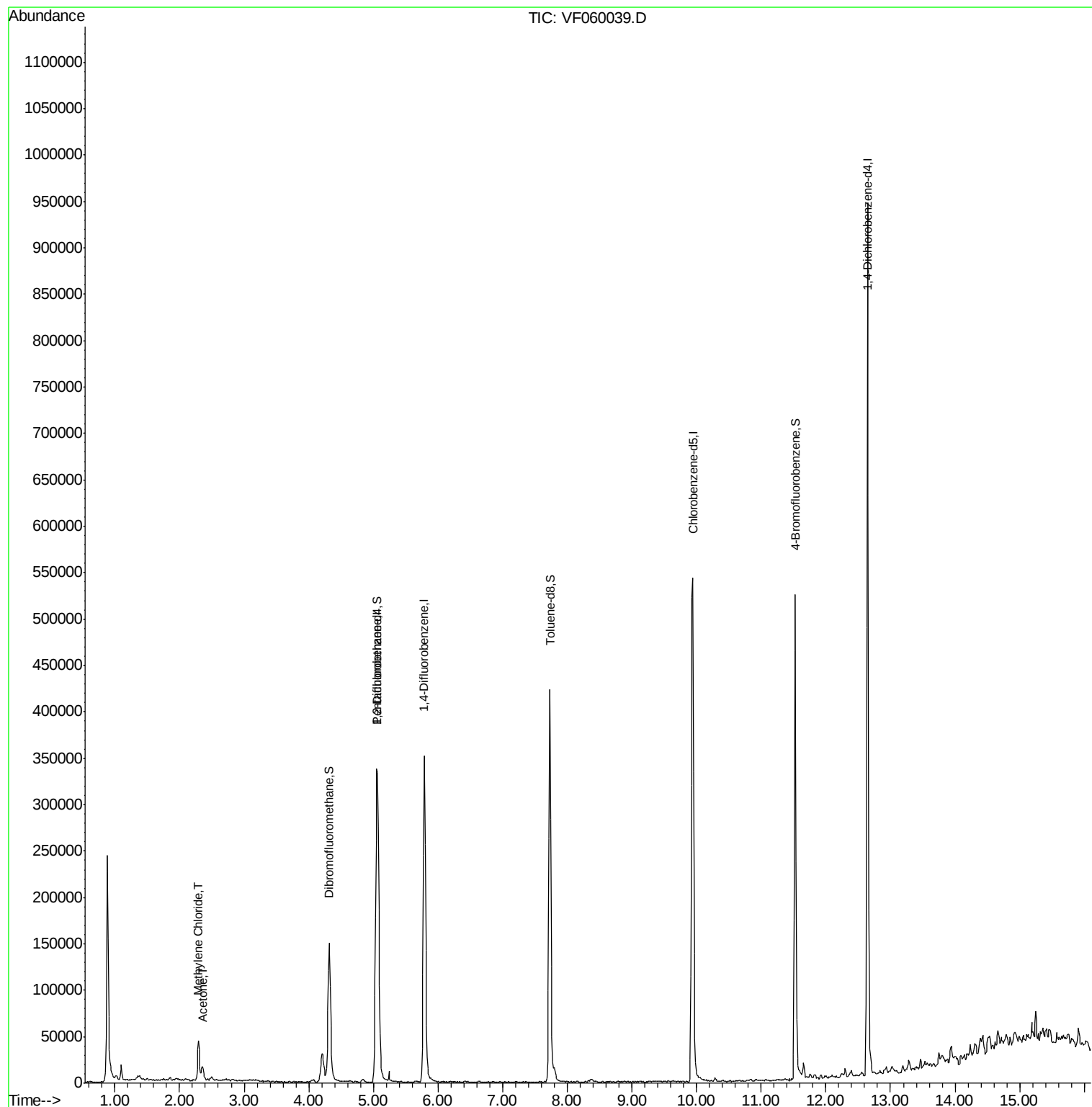
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	252335	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	399536	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.94	117	404985	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	235106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	151268	43.80	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.60%	
35) Dibromofluoromethane	4.31	113	138996	44.30	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.60%	
50) Toluene-d8	7.73	98	366993	41.19	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.38%	
62) 4-Bromofluorobenzene	11.53	95	189925	40.29	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.58%	
Target Compounds						
16) Acetone	2.35	43	19919	21.95	ug/l	Qvalue # 92
20) Methylene Chloride	2.29	84	18119	5.58	ug/l	86

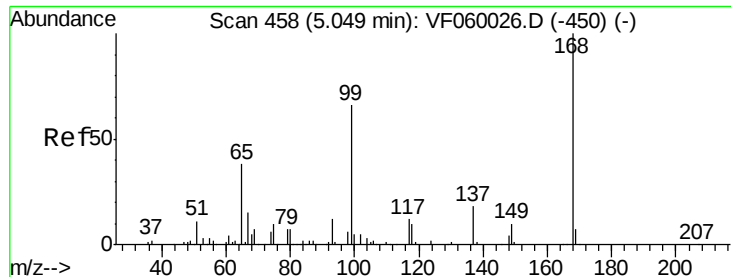
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF060039.D

Acq: 22 Aug 2018 14:50

Instrument :

MSVOA_F

ClientSampleId :

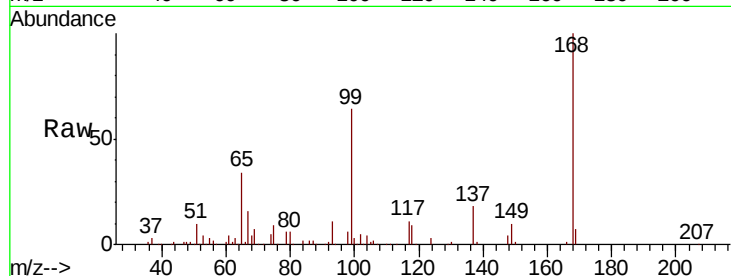
TOD1-SB-03-51-51.5

Tot Ion:168 Resp: 252335

Ion Ratio Lower Upper

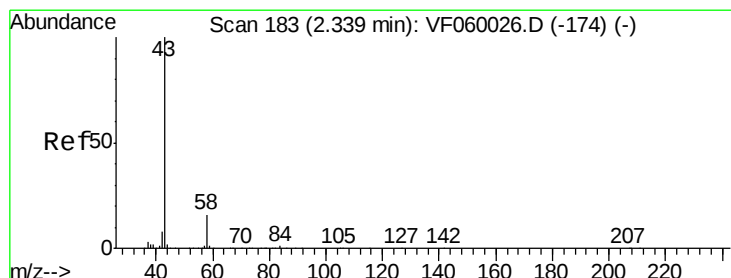
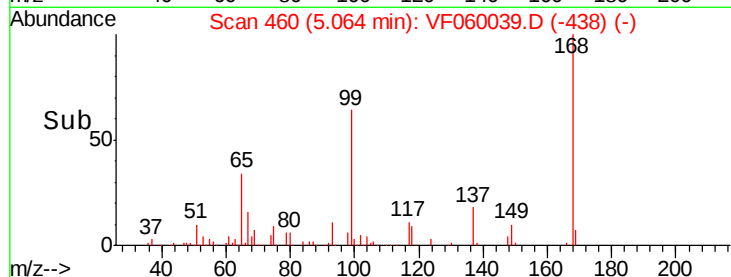
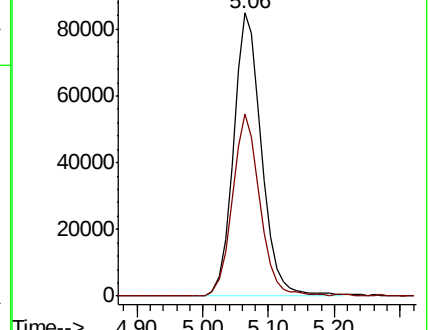
168 100

99 64.3 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 21.95 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF060039.D

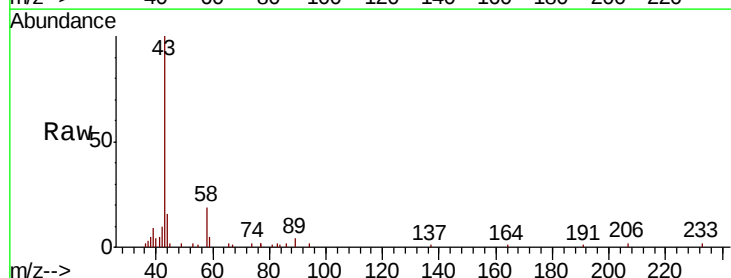
Acq: 22 Aug 2018 14:50

Tgt Ion: 43 Resp: 19919

Ion Ratio Lower Upper

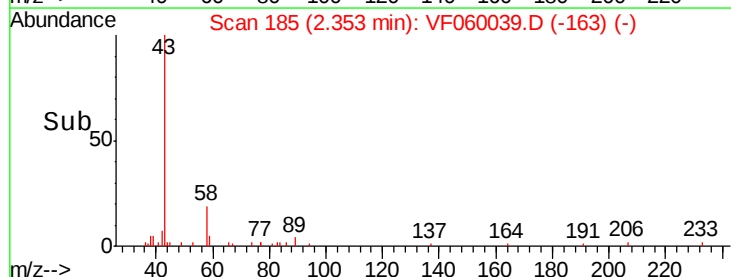
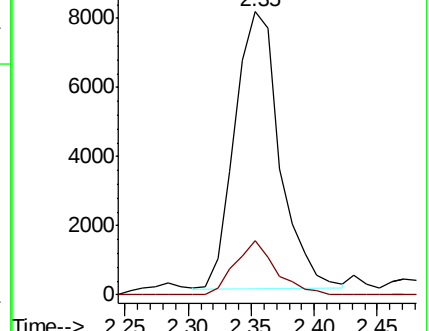
43 100

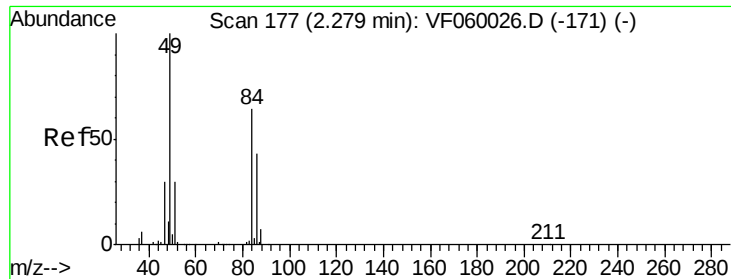
58 19.0 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

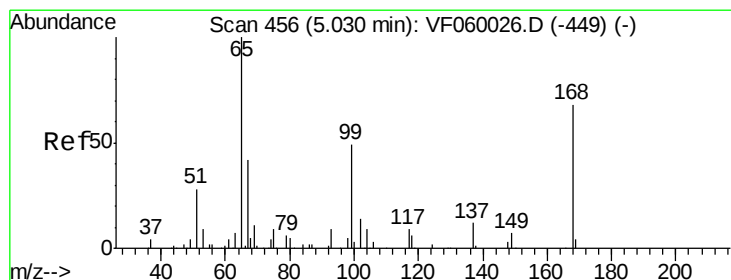
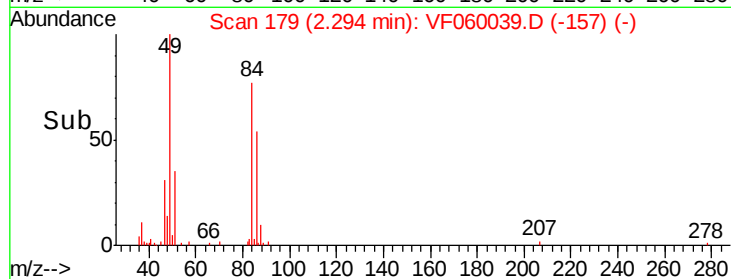
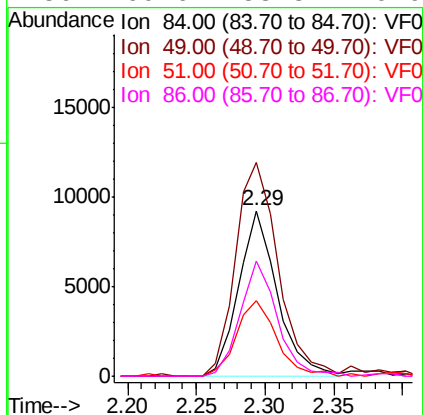
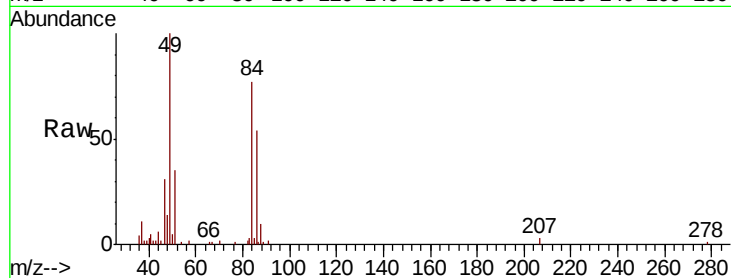




#20
Methvlene Chloride
Concen: 5.58 ug/l
RT: 2.29 min Scan# 179
Delta R.T. 0.01 min
Lab File: VF060039.D
Acq: 22 Aug 2018 14:50

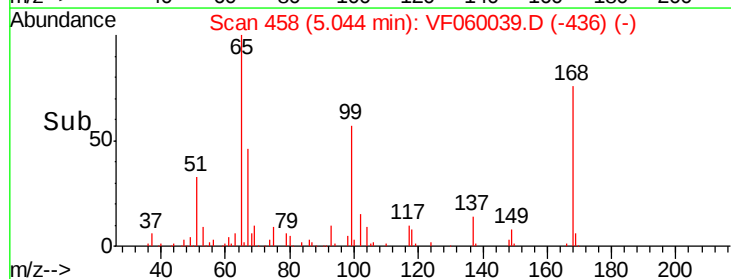
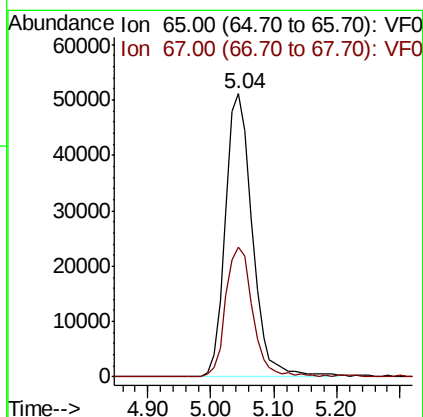
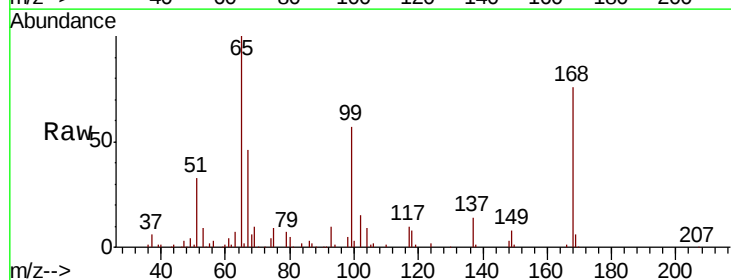
Instrument :
MSVOA_F
ClientSampleId :
TOD1-SB-03-51-51.5

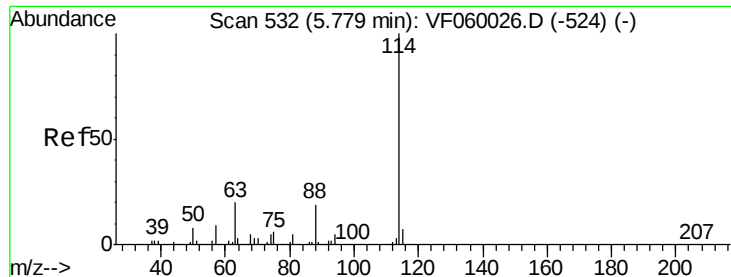
Tot Ion:	84	Resp:	18119
Ion	Ratio	Lower	Upper
84	100		
49	129.1	125.4	188.0
51	45.8	38.3	57.5
86	69.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 43.80 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF060039.D
Acq: 22 Aug 2018 14:50

Tgt Ion:	65	Resp:	151268
Ion	Ratio	Lower	Upper
65	100		
67	46.1	0.0	92.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: VF060039.D

Acq: 22 Aug 2018 14:50

Instrument :

MSVOA_F

ClientSampleId :

TOD1-SB-03-51-51.5

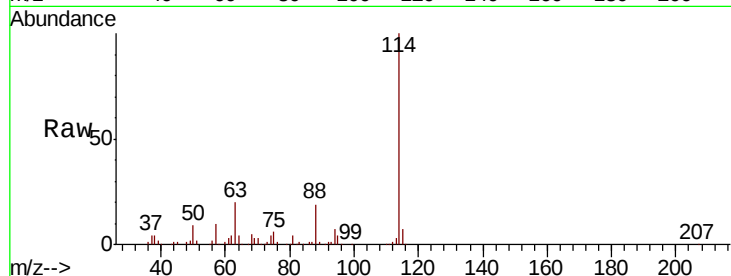
Tot Ion:114 Resp: 399536

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.4

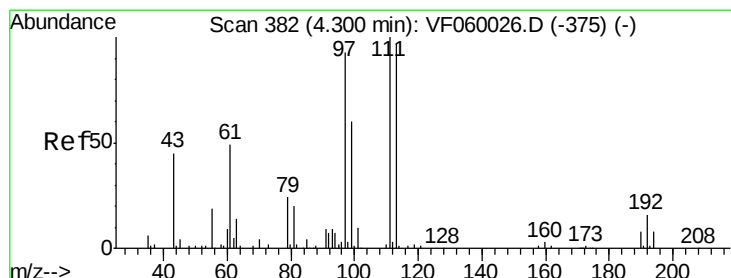
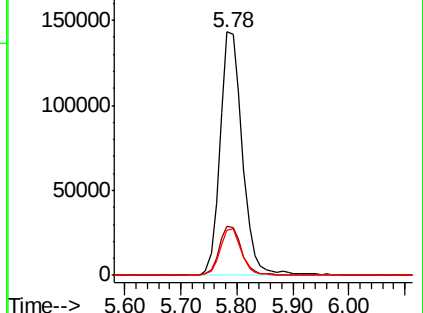
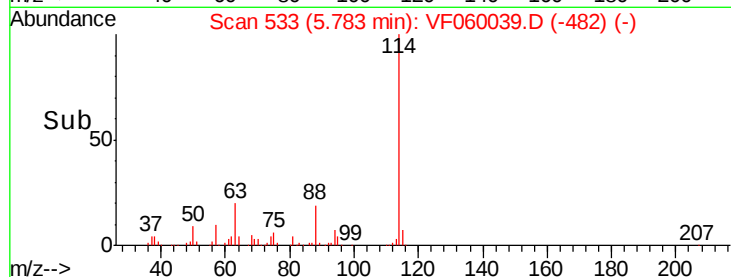
88 18.5 0.0 38.6



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: 44.30 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF060039.D

Acq: 22 Aug 2018 14:50

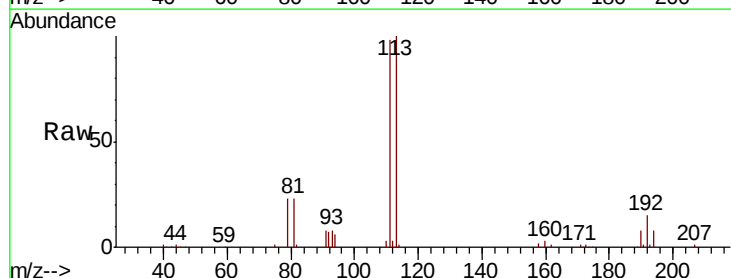
Tgt Ion:113 Resp: 138996

Ion Ratio Lower Upper

113 100

111 98.4 82.7 124.1

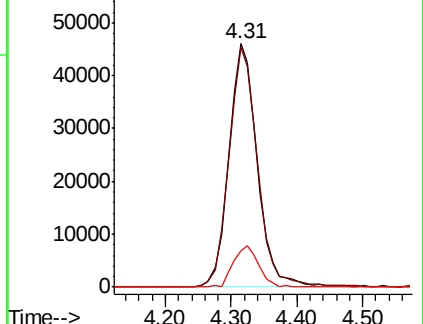
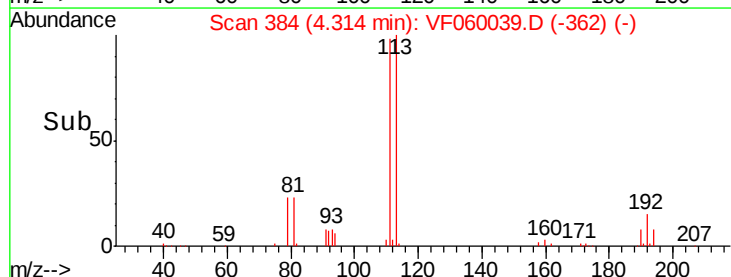
192 15.1 13.0 19.4

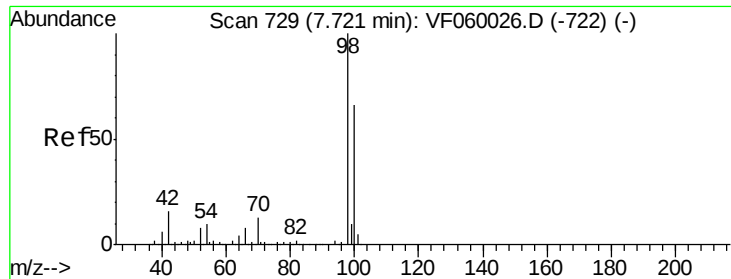


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 41.19 ug/l

RT: 7.73 min Scan# 731

Delta R.T. 0.01 min

Lab File: VF060039.D

Acq: 22 Aug 2018 14:50

Instrument :

MSVOA_F

ClientSampleId :

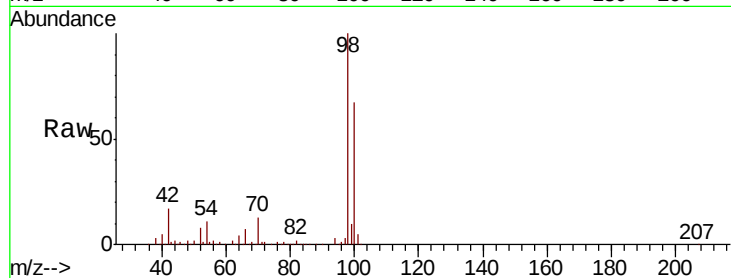
TOD1-SB-03-51-51.5

Tot Ion: 98 Resp: 366993

Ion Ratio Lower Upper

98 100

100 67.1 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.73

150000

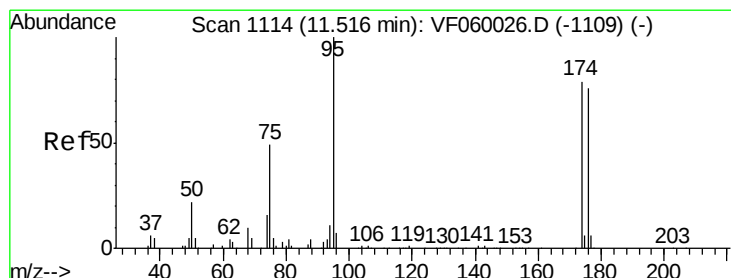
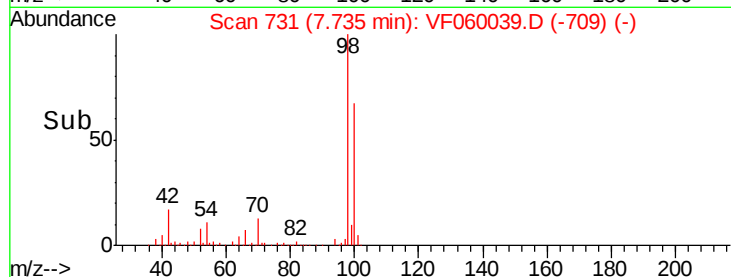
100000

50000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 40.29 ug/l

RT: 11.53 min Scan# 1116

Delta R.T. 0.01 min

Lab File: VF060039.D

Acq: 22 Aug 2018 14:50

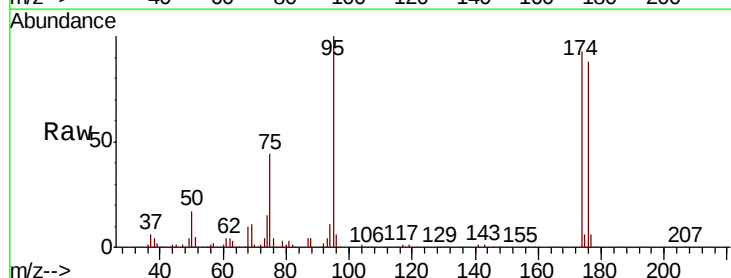
Tgt Ion: 95 Resp: 189925

Ion Ratio Lower Upper

95 100

174 93.4 0.0 158.4

176 87.8 0.0 153.0



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

11.53

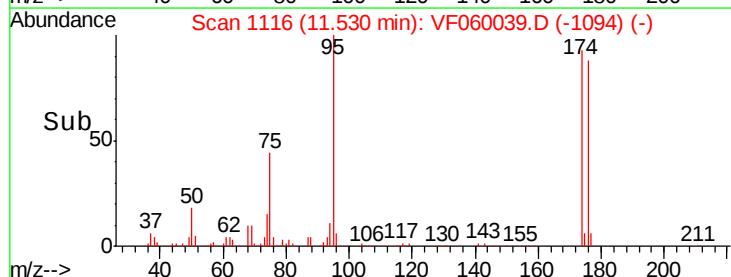
100000

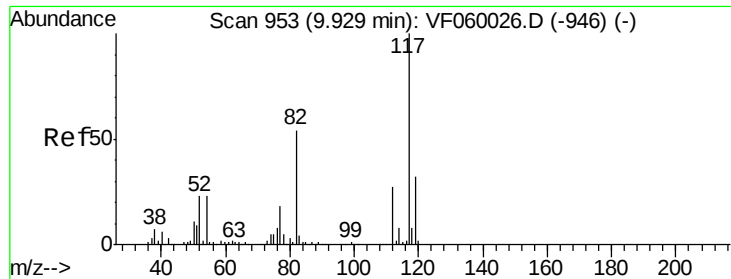
50000

0

Time-->

11.40 11.50 11.60 11.70

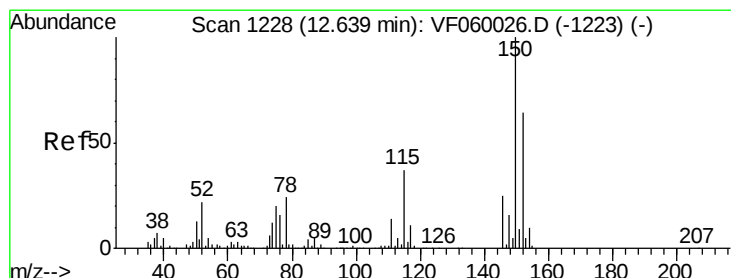
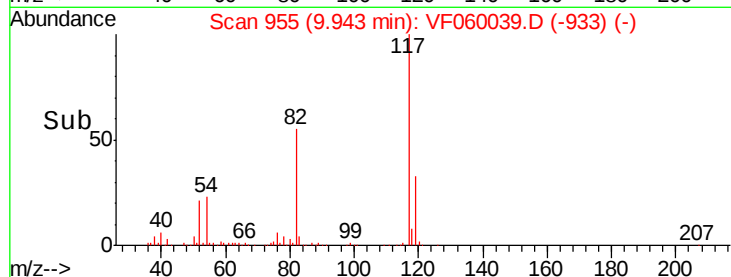
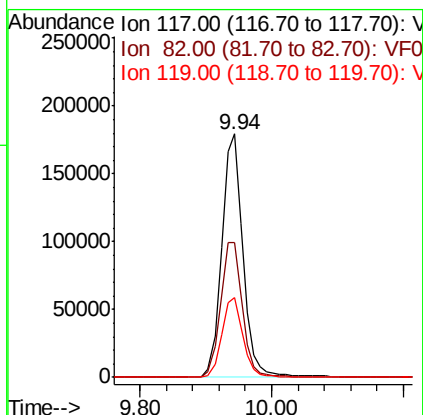
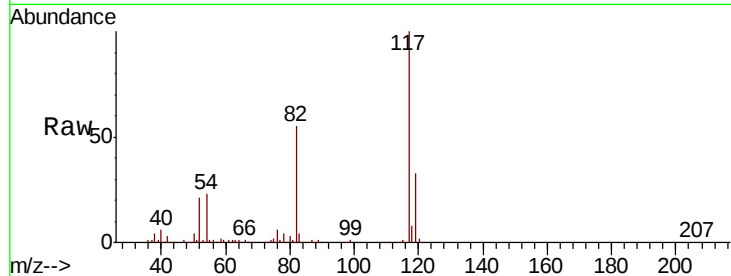




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.94 min Scan# 955
Delta R.T. 0.01 min
Lab File: VF060039.D
Acq: 22 Aug 2018 14:50

Instrument :
MSVOA_F
ClientSampleId :
TOD1-SB-03-51-51.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.6	65.4
119	32.6	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VF060039.D
Acq: 22 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	28.6	85.9
150	153.7	0.0	312.0

