

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060126.D
 Acq On : 27 Aug 2018 15:47
 Operator : VA/AP
 Sample : J4646-08
 Misc : 5.42g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-B7

Quant Time: Aug 27 16:27:05 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

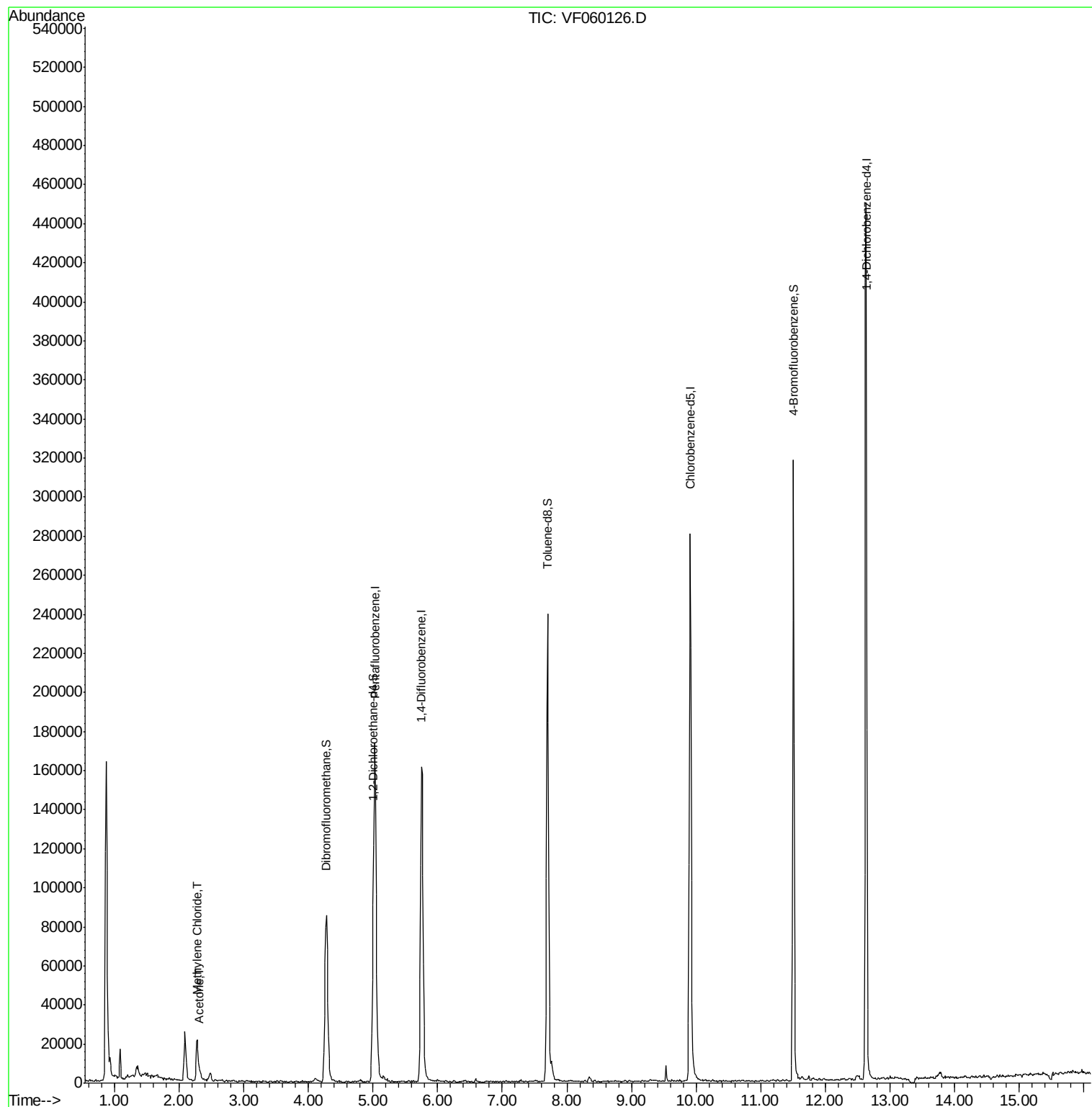
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	129425	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	163277	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	192230	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	113694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	68004	38.39	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	76.78%	
35) Dibromofluoromethane	4.28	113	75894	59.19	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.38%	
50) Toluene-d8	7.70	98	189941	52.16	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.51	95	104139	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
Target Compounds						
16) Acetone	2.32	43	5218	11.21	ug/l	98
20) Methylene Chloride	2.28	84	10898	7.53	ug/l #	72

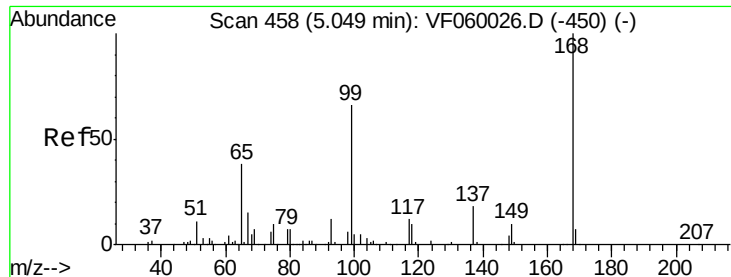
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF060126.D

Acq: 27 Aug 2018 15:47

Instrument :

MSVOA_F

ClientSampleId :

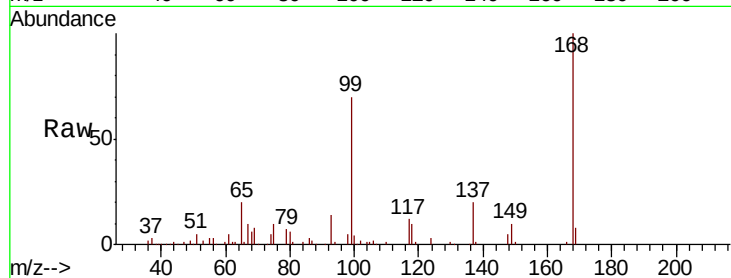
EP1-Q4-B7

Tot Ion:168 Resp: 129425

Ion Ratio Lower Upper

168 100

99 69.6 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

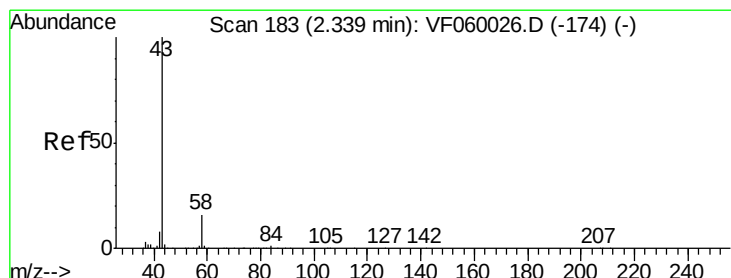
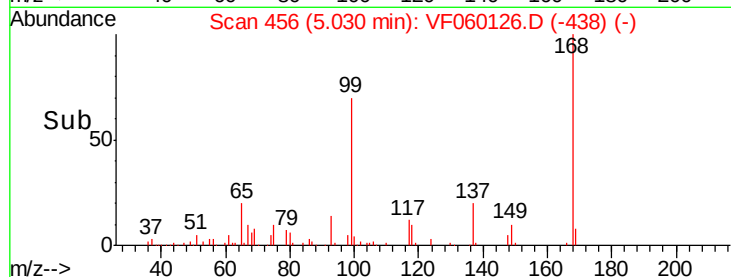
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 11.21 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.02 min

Lab File: VF060126.D

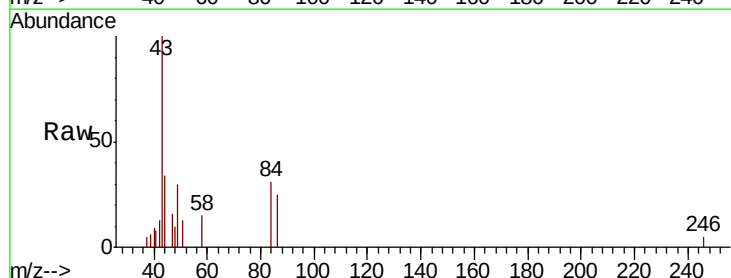
Acq: 27 Aug 2018 15:47

Tgt Ion: 43 Resp: 5218

Ion Ratio Lower Upper

43 100

58 14.9 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

2500

2000

1500

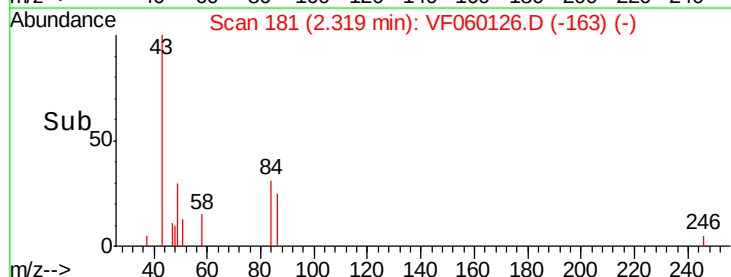
1000

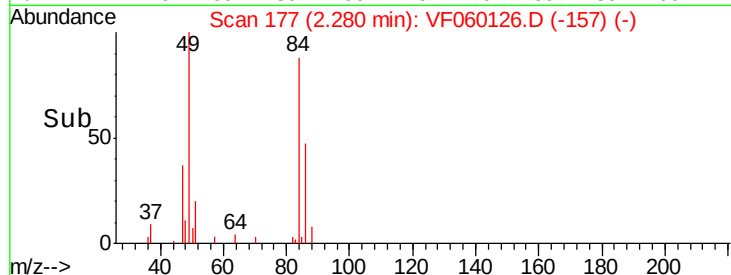
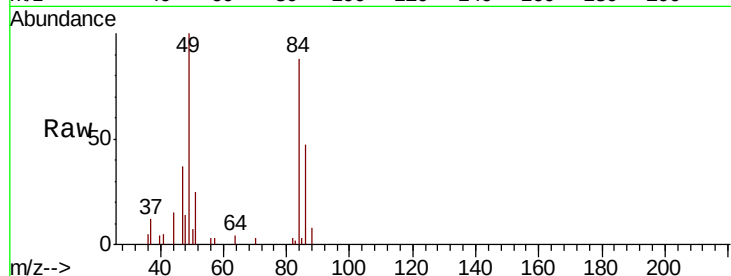
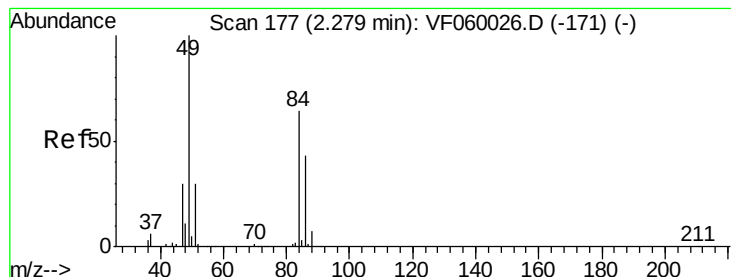
500

0

2.20 2.30 2.40

Time-->





#20

Methylene Chloride

Concen: 7.53 ug/l

RT: 2.28 min Scan# 177

Delta R.T. 0.00 min

Lab File: VF060126.D

Acq: 27 Aug 2018 15:47

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-B7

Tot Ion: 84 Resp: 10898

Ion Ratio Lower Upper

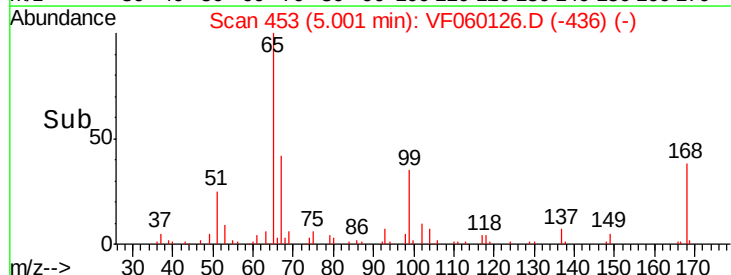
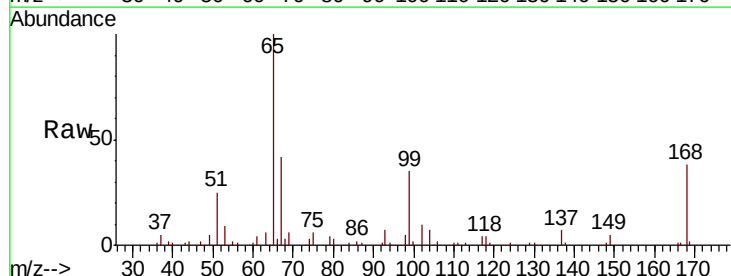
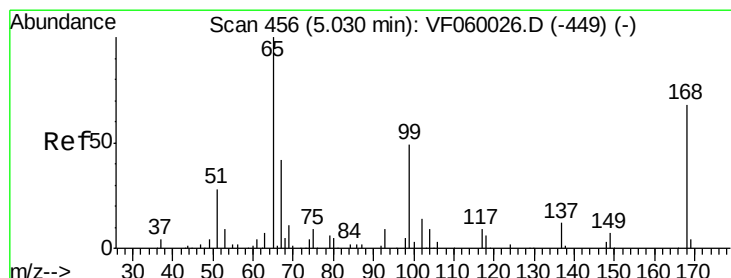
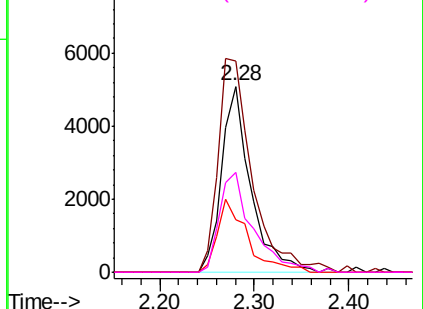
84 100

49 113.4 125.4 188.0#

51 27.9 38.3 57.5#

86 53.5 53.3 79.9

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



#33

1,2-Dichloroethane-d4

Concen: 38.39 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.03 min

Lab File: VF060126.D

Acq: 27 Aug 2018 15:47

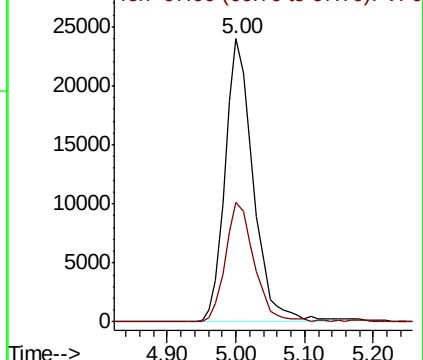
Tgt Ion: 65 Resp: 68004

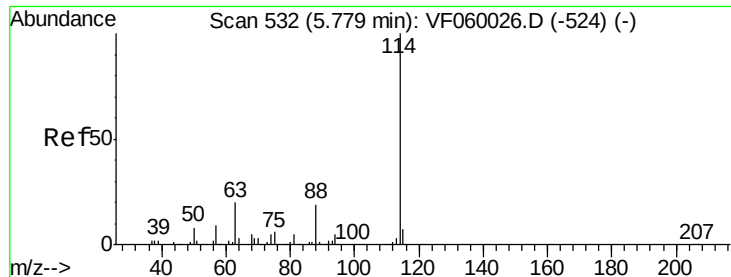
Ion Ratio Lower Upper

65 100

67 42.1 0.0 92.0

Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0

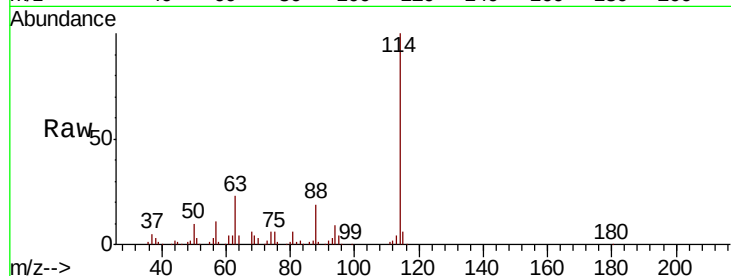




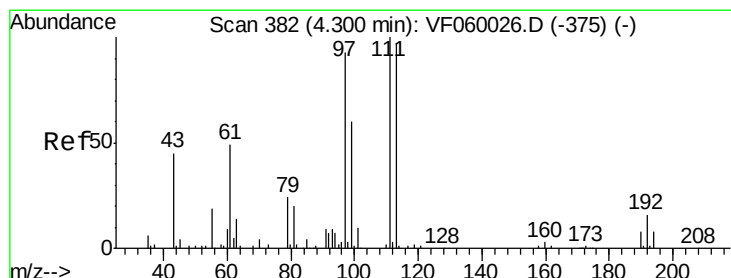
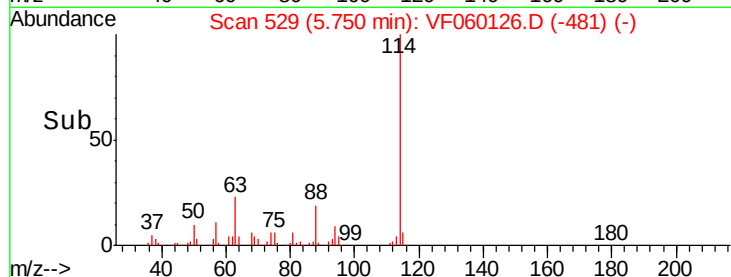
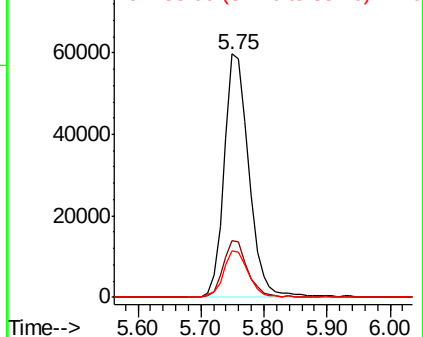
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VF060126.D
 Acq: 27 Aug 2018 15:47

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-B7

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	40.4
88	19.0	0.0	38.6

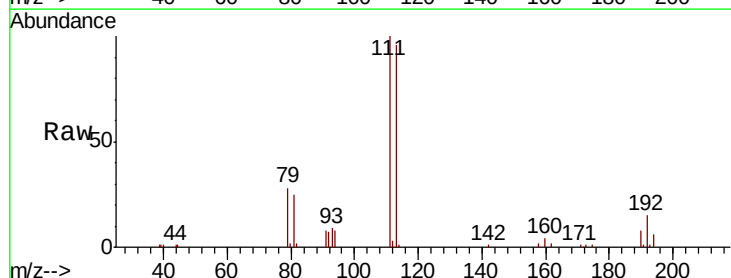


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

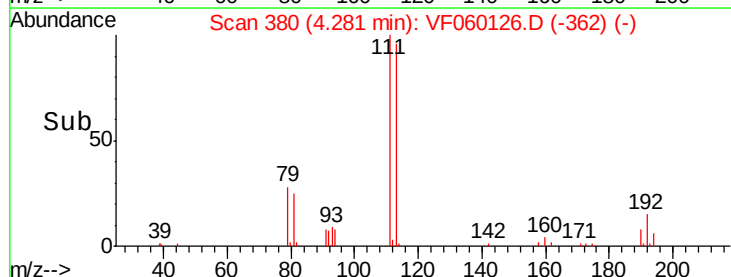
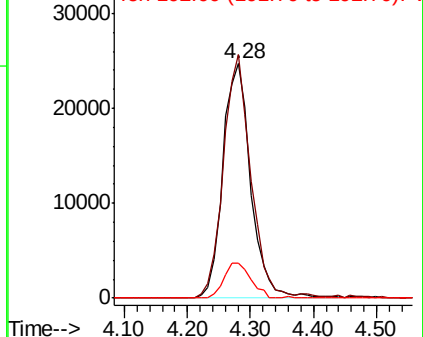


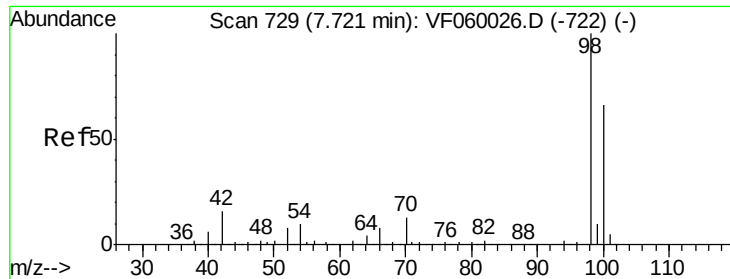
#35
 Dibromofluoromethane
 Concen: 59.19 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF060126.D
 Acq: 27 Aug 2018 15:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	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

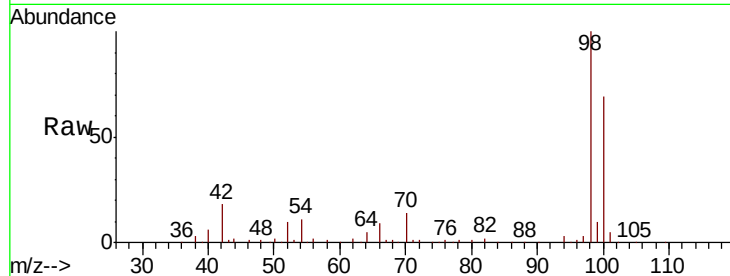




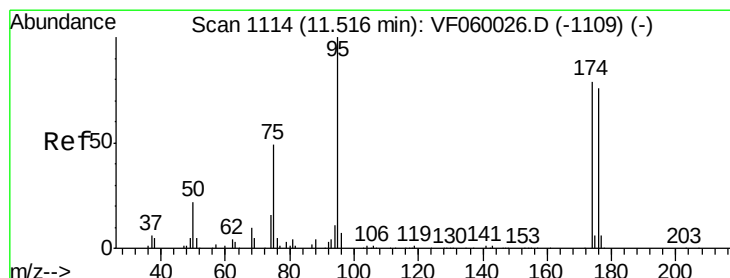
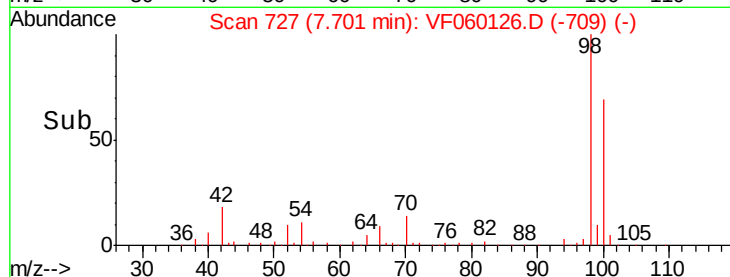
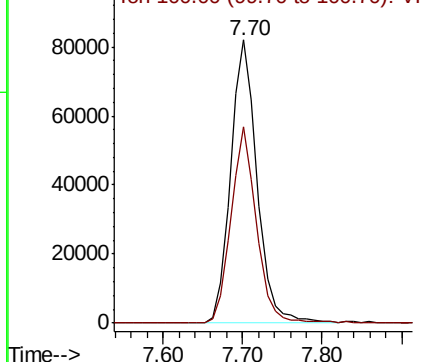
#50
Toluene-d8
Concen: 52.16 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B7

Tot Ion: 98 Resp: 189941
Ion Ratio Lower Upper
98 100
100 69.2 53.2 79.8

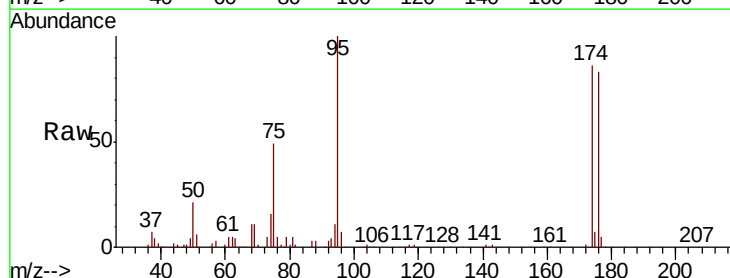


Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF

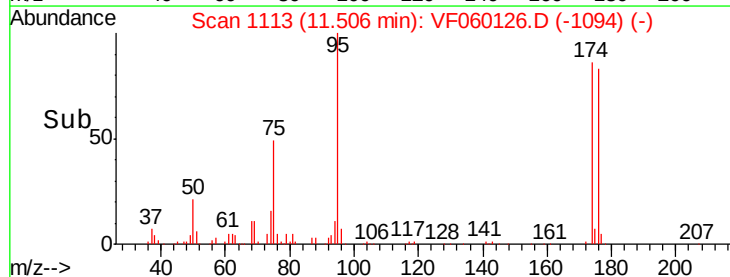
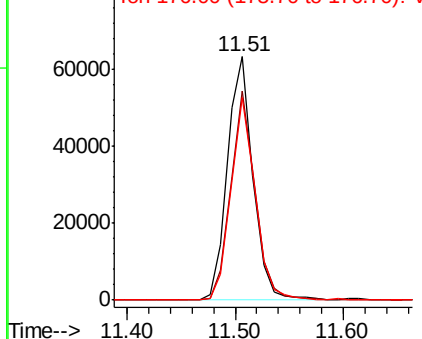


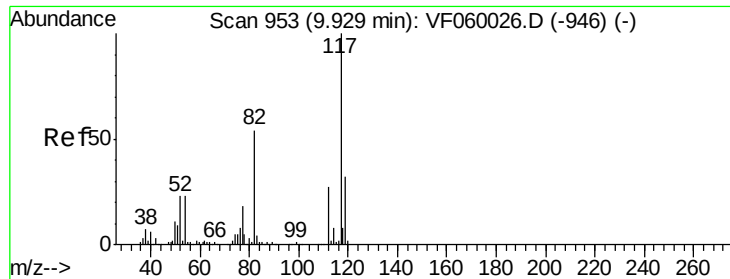
#62
4-Bromofluorobenzene
Concen: 54.06 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion: 95 Resp: 104139
Ion Ratio Lower Upper
95 100
174 85.9 0.0 158.4
176 83.2 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

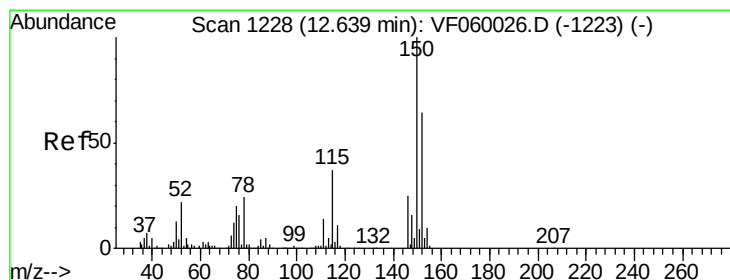
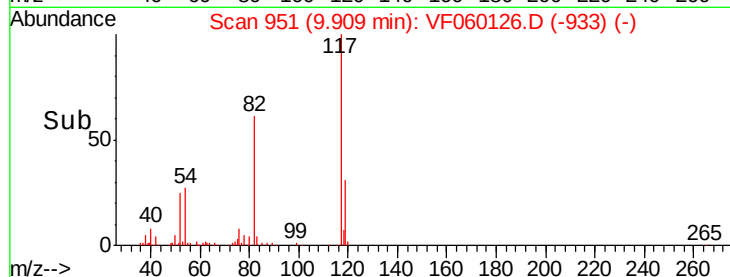
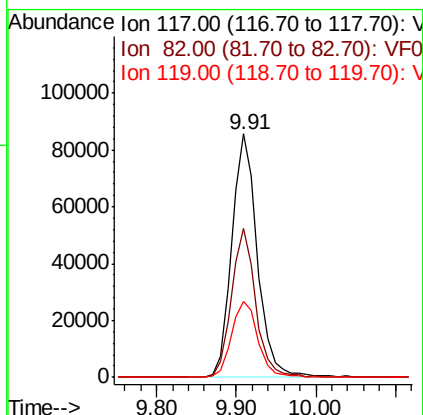
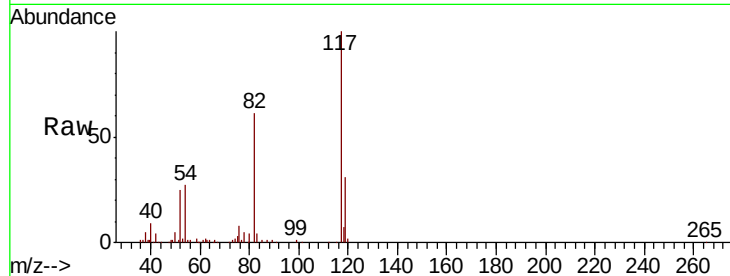




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B7

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.2	43.6	65.4
119	31.0	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	28.6	85.9
150	156.8	0.0	312.0

