

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060127.D
 Acq On : 27 Aug 2018 16:15
 Operator : VA/AP
 Sample : J4646-03
 Misc : 5.28g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-A7

Quant Time: Aug 27 16:55:58 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

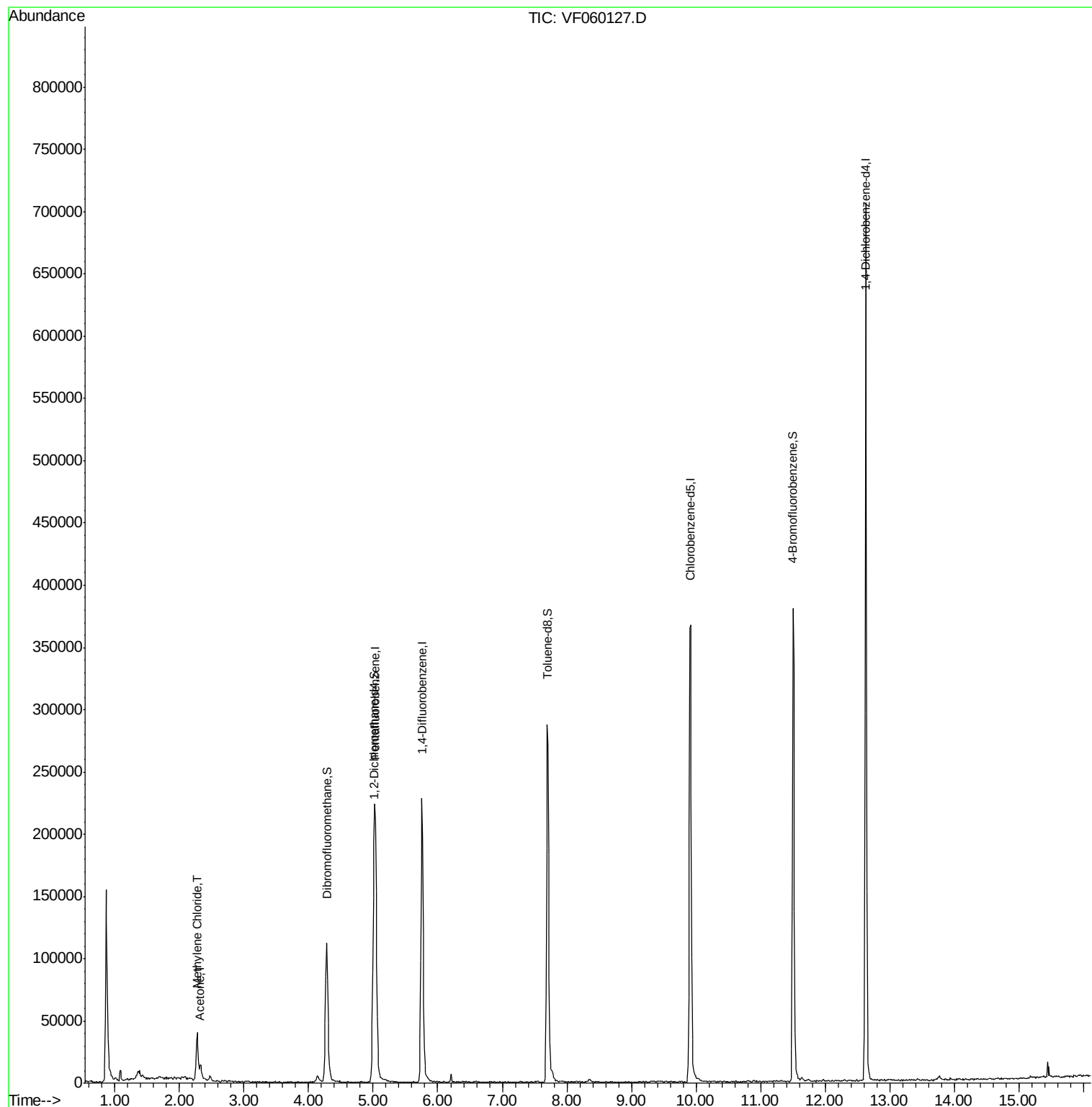
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	151480	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	222844	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	258552	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	170124	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	105030	50.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.32%	
35) Dibromofluoromethane	4.28	113	99929	57.11	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.22%	
50) Toluene-d8	7.70	98	238069	47.90	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.50	95	131647	50.08	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.16%	
Target Compounds						
16) Acetone	2.32	43	14556	26.71	ug/l	95
20) Methylene Chloride	2.27	84	20106	15.17	ug/l	90

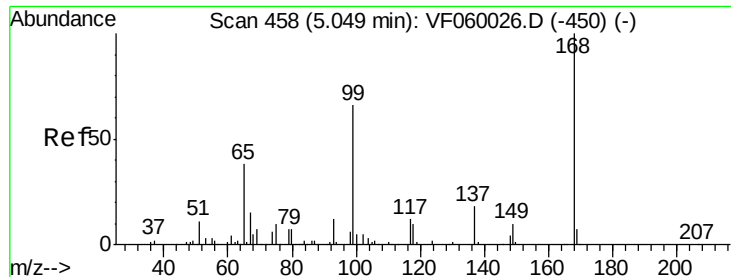
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 457

Delta R.T. -0.01 min

Lab File: VF060127.D

Acq: 27 Aug 2018 16:15

Instrument :

MSVOA_F

ClientSampleId :

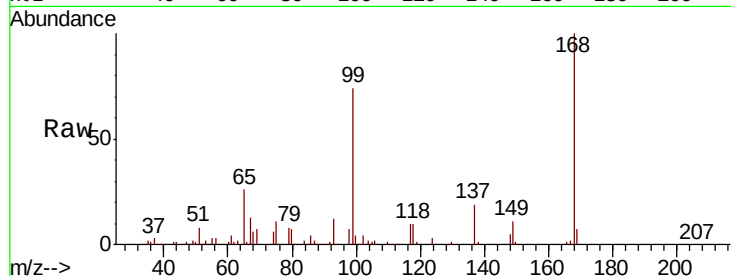
EP1-Q4-A7

Tot Ion:168 Resp: 151480

Ion Ratio Lower Upper

168 100

99 73.8 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

60000

50000

40000

30000

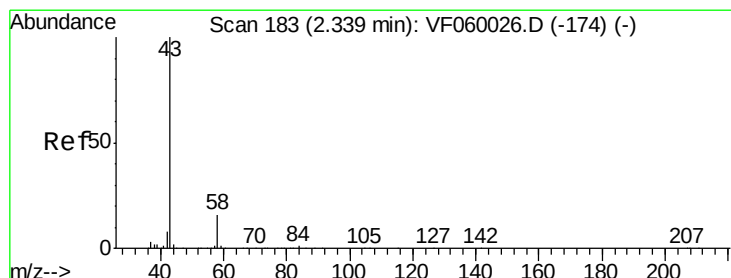
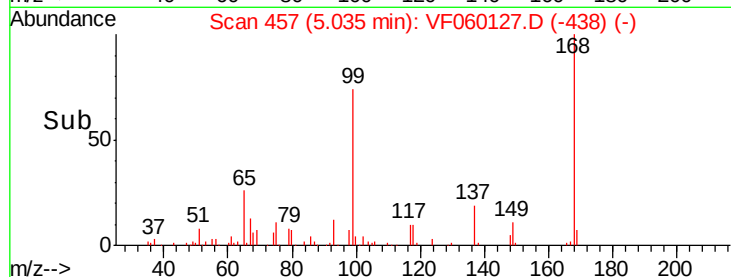
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 26.71 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF060127.D

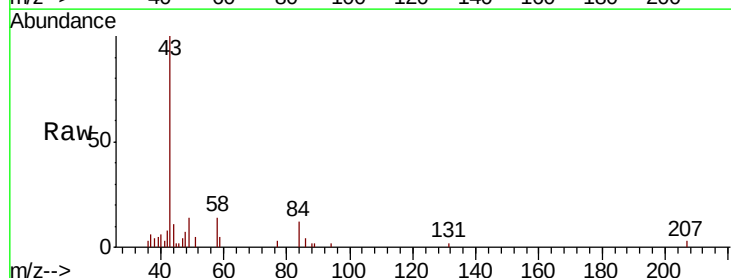
Acq: 27 Aug 2018 16:15

Tgt Ion: 43 Resp: 14556

Ion Ratio Lower Upper

43 100

58 13.7 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

6000

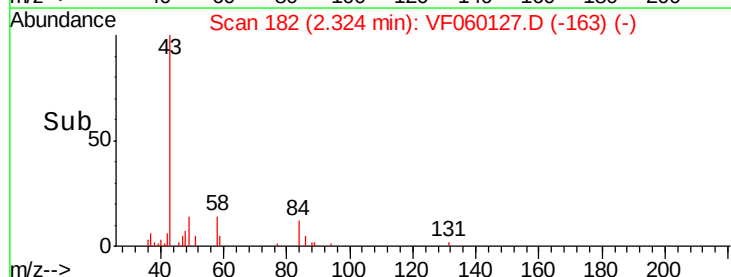
4000

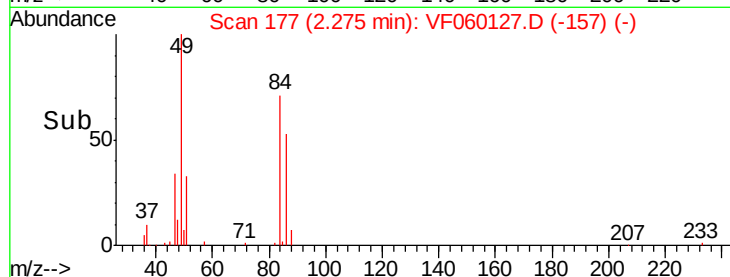
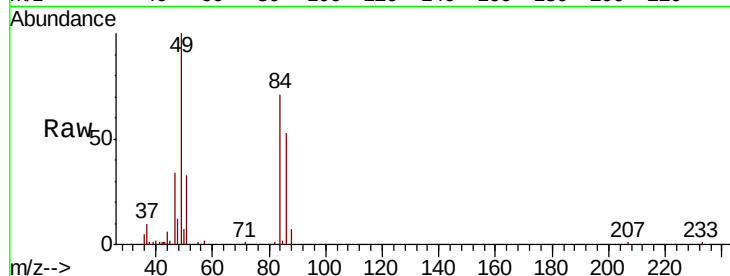
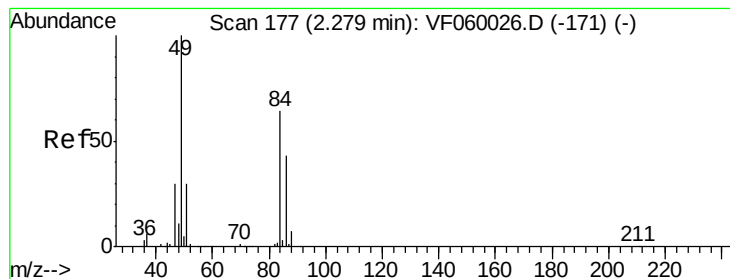
2000

0

Time-->

2.25 2.30 2.35 2.40





#20

Methylene Chloride

Concen: 15.17 ug/l

RT: 2.27 min Scan# 177

Delta R.T. -0.00 min

Lab File: VF060127.D

Acq: 27 Aug 2018 16:15

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-A7

Tot Ion: 84 Resp: 20106

Ion Ratio Lower Upper

84 100

49 140.7 125.4 188.0

51 46.8 38.3 57.5

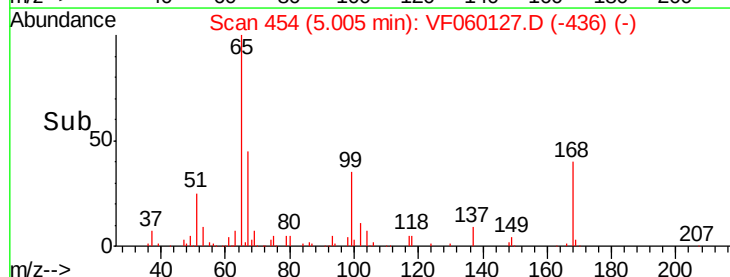
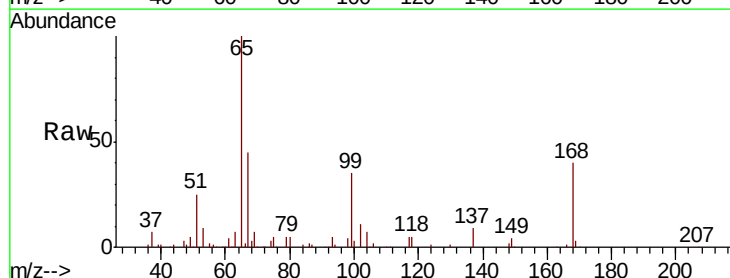
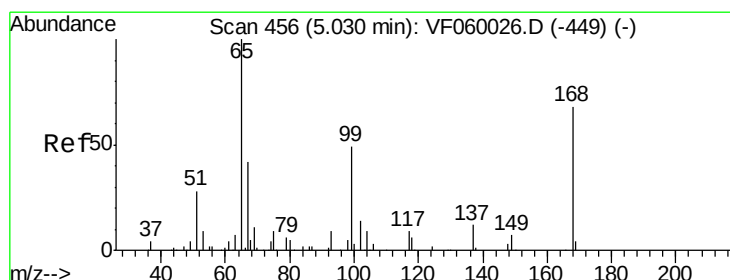
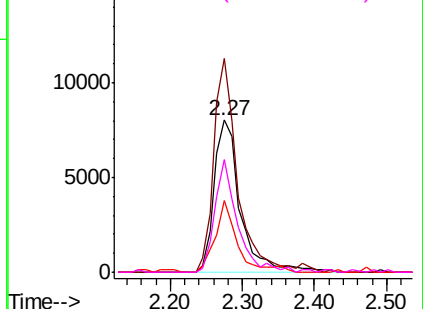
86 73.9 53.3 79.9

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: 50.66 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF060127.D

Acq: 27 Aug 2018 16:15

Tgt Ion: 65 Resp: 105030

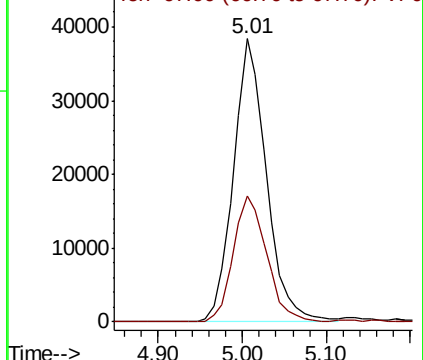
Ion Ratio Lower Upper

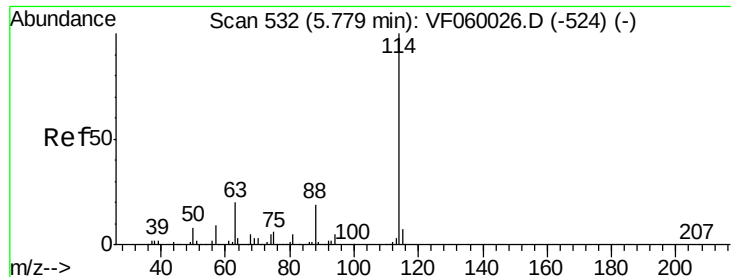
65 100

67 44.5 0.0 92.0

Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

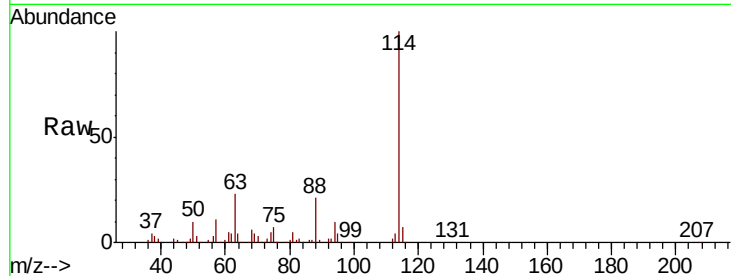




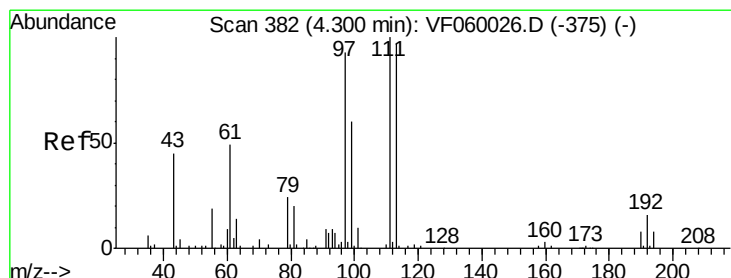
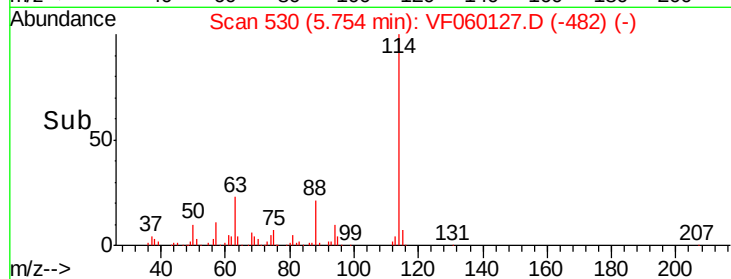
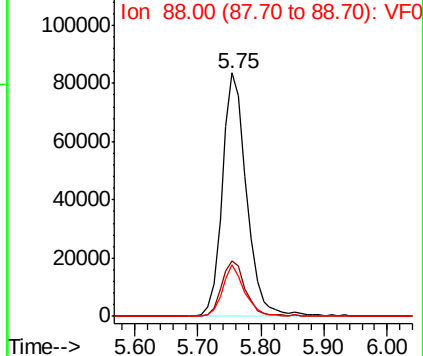
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF060127.D
 Acq: 27 Aug 2018 16:15

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-A7

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	40.4
88	21.4	0.0	38.6

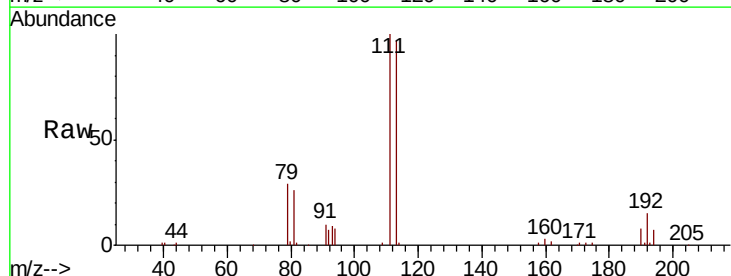


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

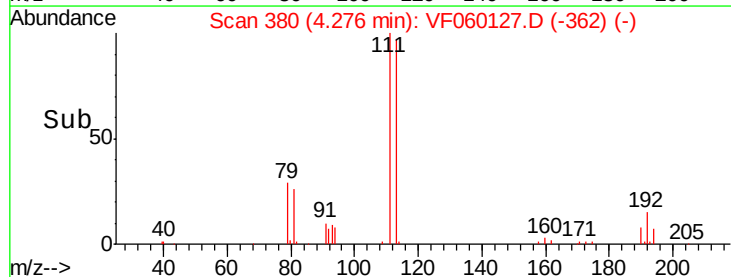
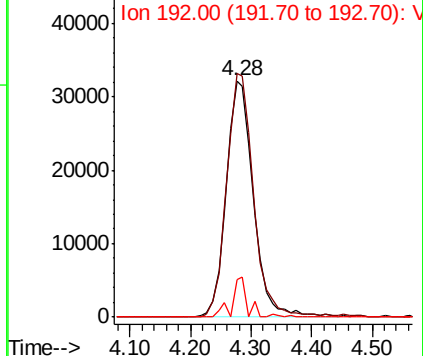


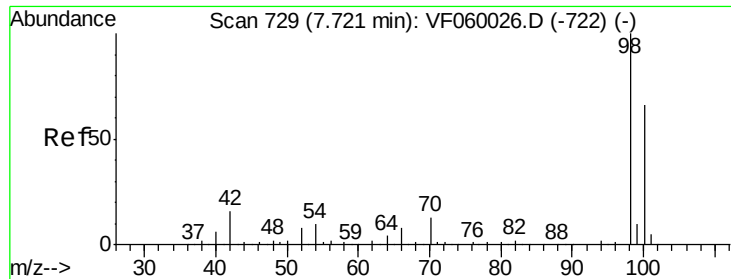
#35
 Dibromofluoromethane
 Concen: 57.11 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF060127.D
 Acq: 27 Aug 2018 16:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	15.9	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: 47.90 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF060127.D

Acq: 27 Aug 2018 16:15

Instrument :

MSVOA_F

ClientSampleId :

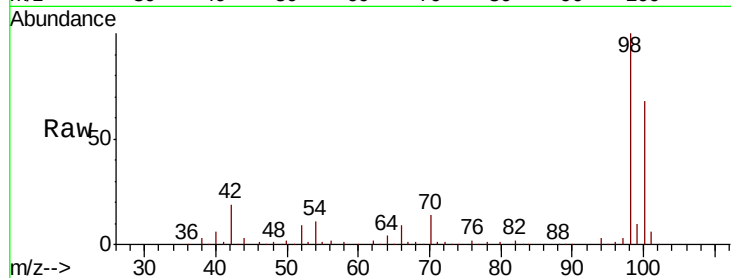
EP1-Q4-A7

Tot Ion: 98 Resp: 238069

Ion Ratio Lower Upper

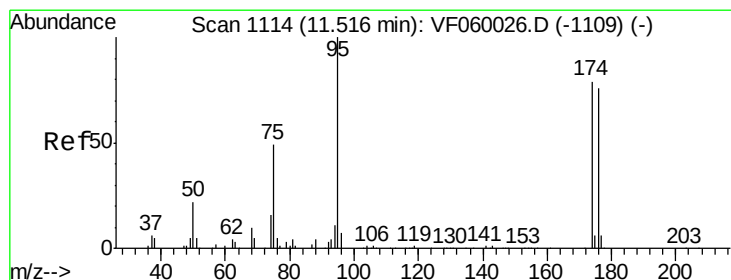
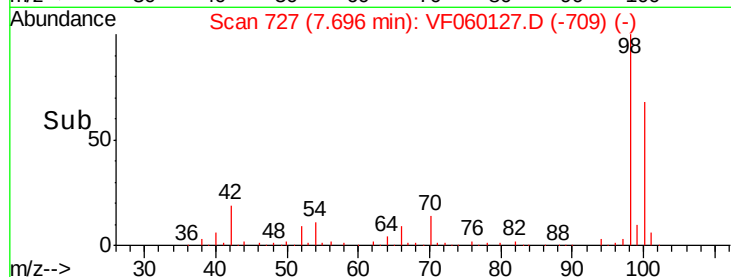
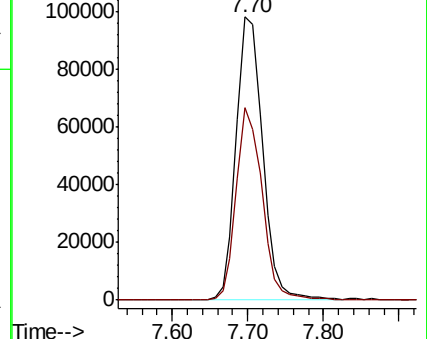
98 100

100 68.2 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: 50.08 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060127.D

Acq: 27 Aug 2018 16:15

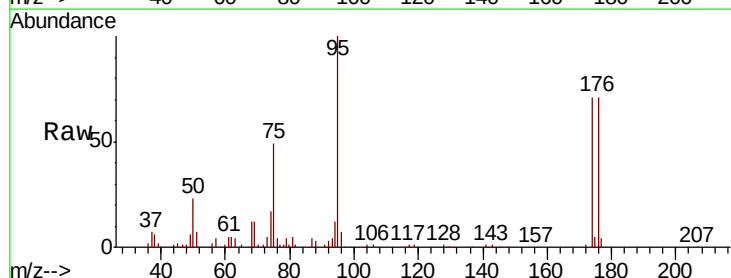
Tgt Ion: 95 Resp: 131647

Ion Ratio Lower Upper

95 100

174 71.4 0.0 158.4

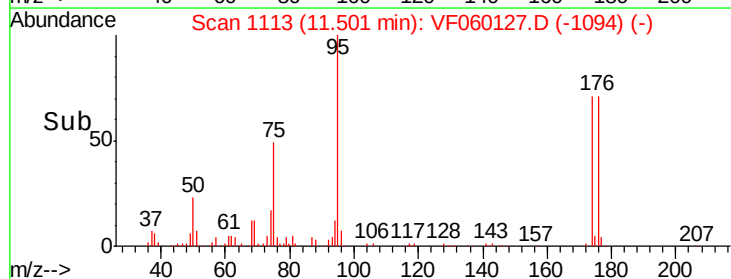
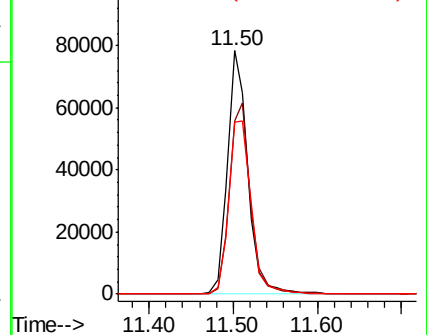
176 70.6 0.0 153.0

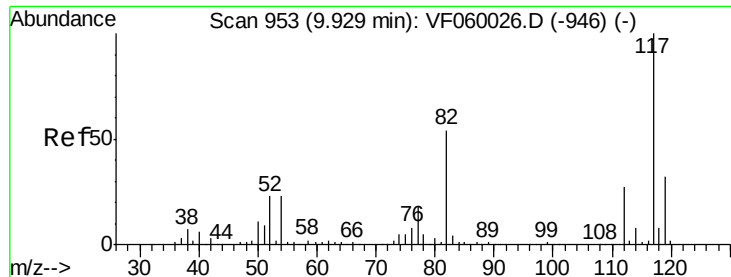


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

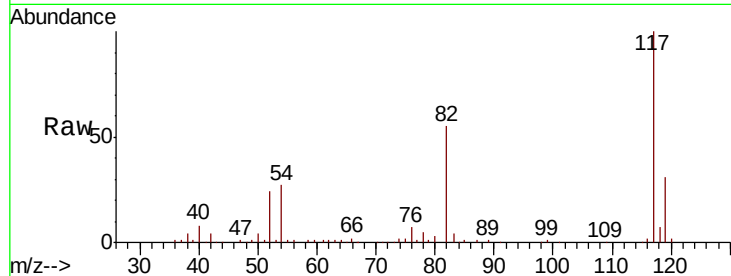




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060127.D
Acq: 27 Aug 2018 16:15

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A7

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.6	65.4
119	30.8	25.6	38.4

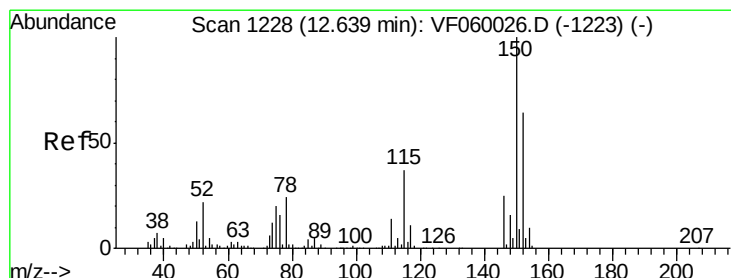
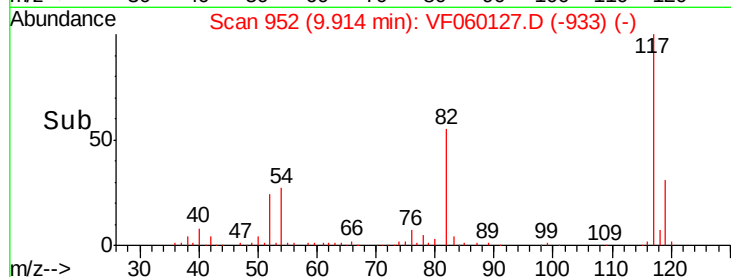
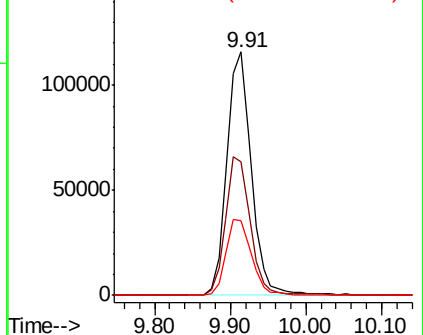


Abundance

Ion 117.00 (116.70 to 117.70): V

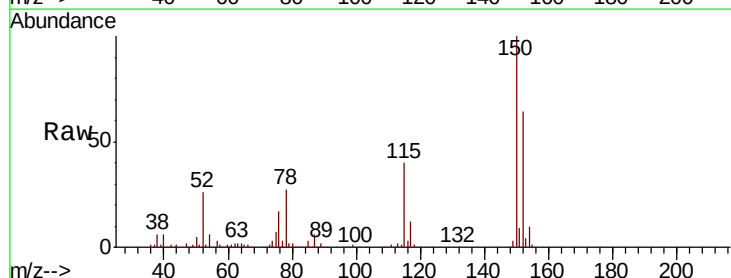
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060127.D
Acq: 27 Aug 2018 16:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	28.6	85.9
150	155.7	0.0	312.0



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

