

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060068.D
 Acq On : 23 Aug 2018 22:11
 Operator : VA/AP
 Sample : J4581-09
 Misc : 5.79g/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-C1

Quant Time: Aug 24 04:05:52 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

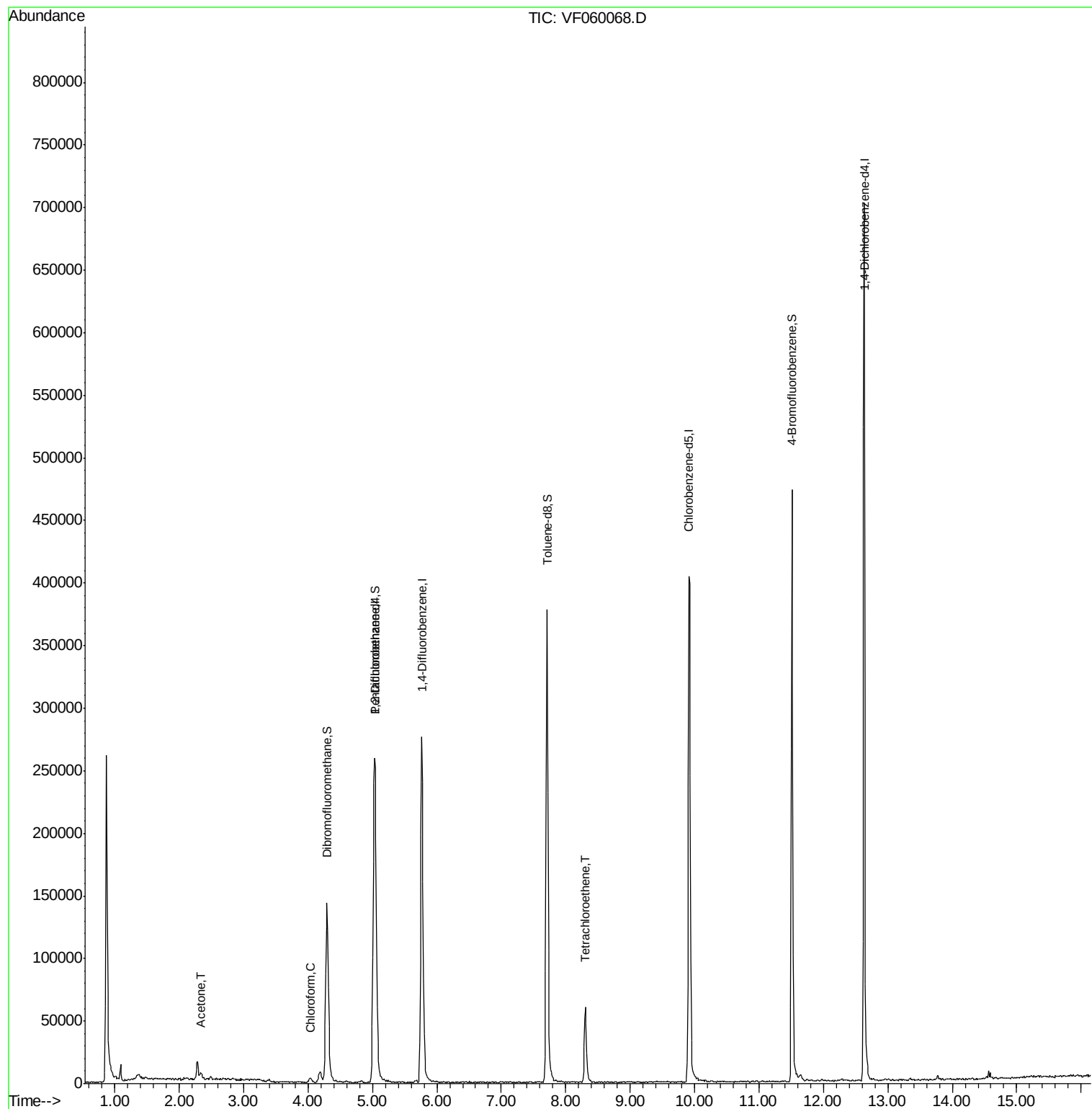
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	176387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	274990	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	295215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	169445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	143155	59.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.60%	
35) Dibromofluoromethane	4.30	113	126968	58.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.60%	
50) Toluene-d8	7.72	98	317089	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.51	95	161540	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
Target Compounds						
16) Acetone	2.33	43	9675	15.25	ug/l	97
30) Chloroform	4.05	83	4028	1.04	ug/l	97
64) Tetrachloroethene	8.31	164	17099	8.60	ug/l	95

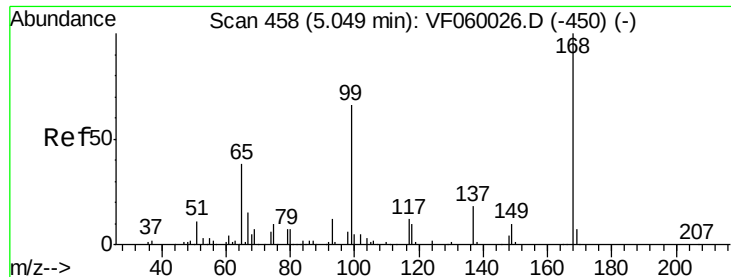
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF060068.D

Acq: 23 Aug 2018 22:11

Instrument :

MSVOA_F

ClientSampleId :

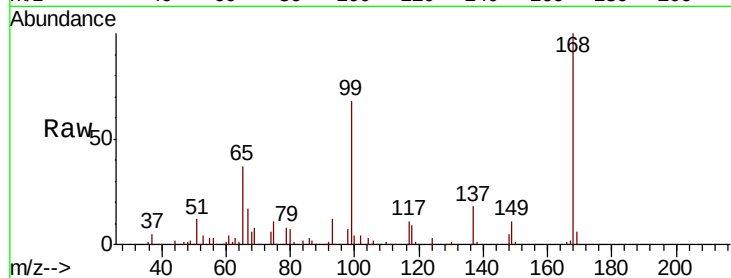
EP1-Q3-C1

Tot Ion:168 Resp: 176387

Ion Ratio Lower Upper

168 100

99 68.2 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

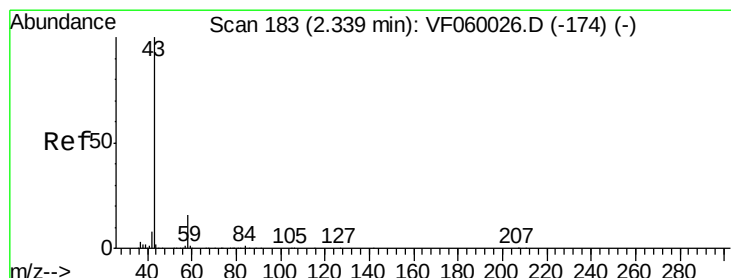
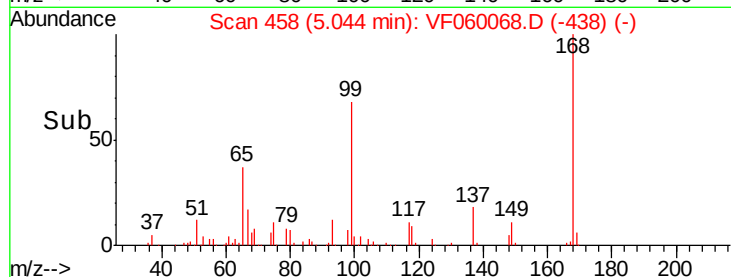
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 15.25 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF060068.D

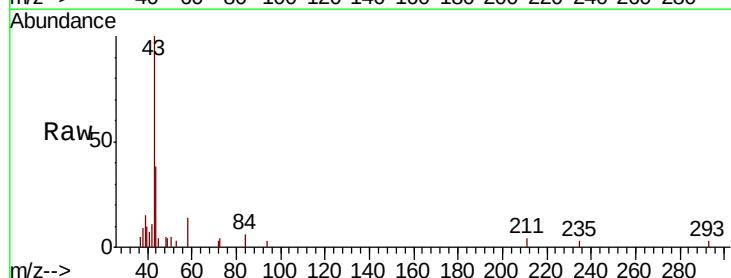
Acq: 23 Aug 2018 22:11

Tgt Ion: 43 Resp: 9675

Ion Ratio Lower Upper

43 100

58 14.3 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

4000

3000

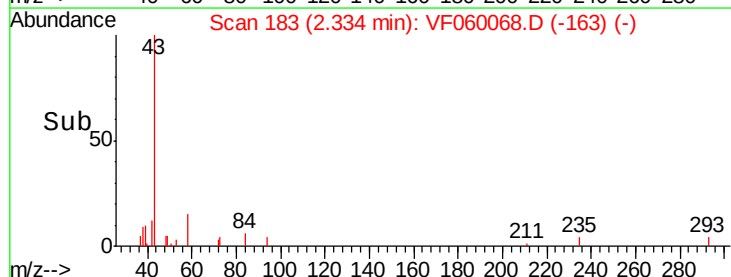
2000

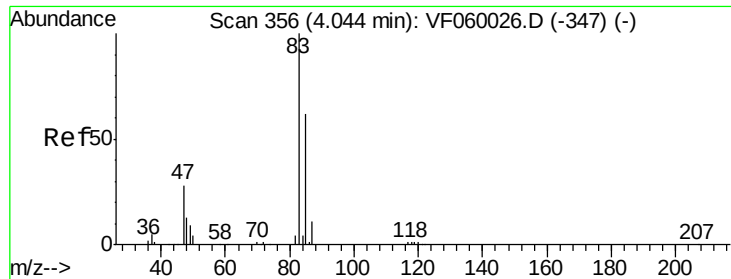
1000

0

Time-->

2.20 2.30 2.40

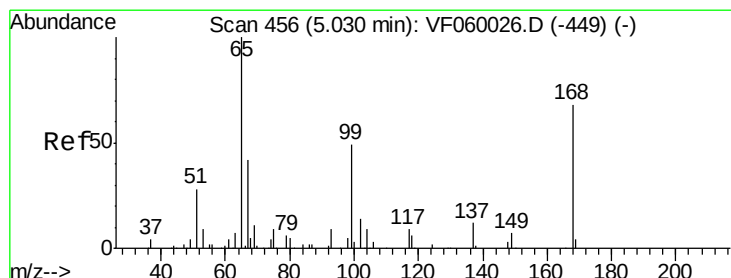
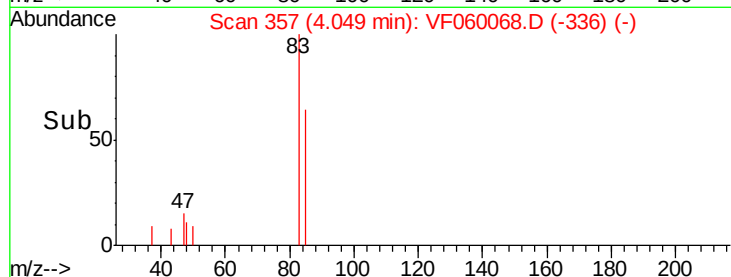
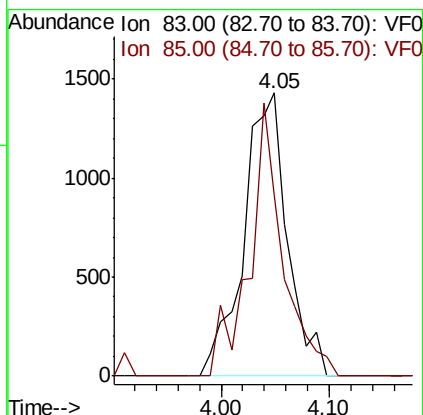
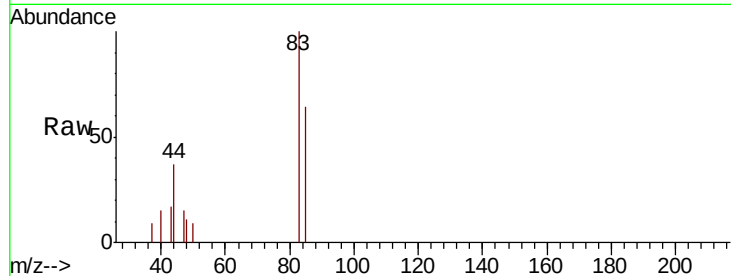




#30
Chloroform
Concen: 1.04 ug/l
RT: 4.05 min Scan# 357
Delta R.T. 0.01 min
Lab File: VF060068.D
Acq: 23 Aug 2018 22:11

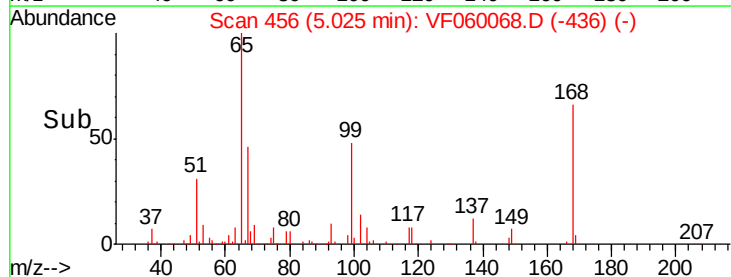
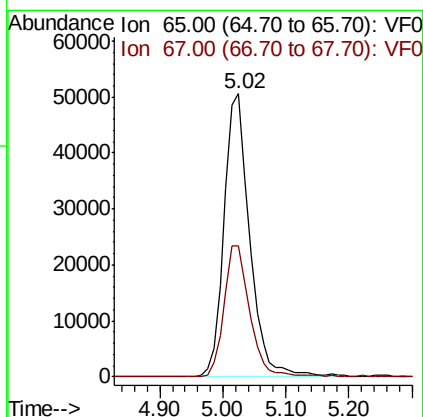
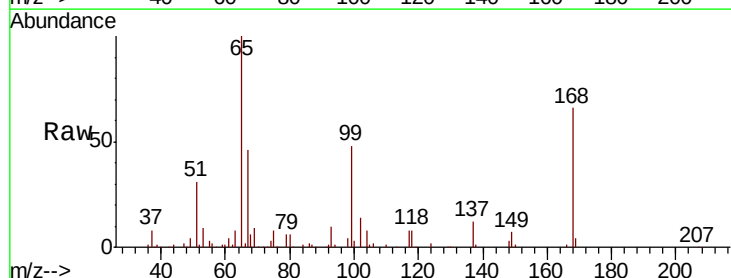
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-C1

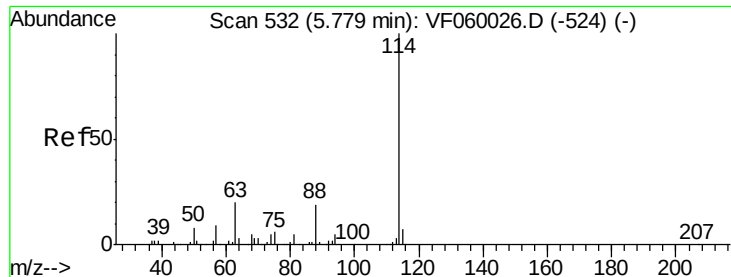
Tot Ion: 83 Resp: 4028
Ion Ratio Lower Upper
83 100
85 64.0 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 59.30 ug/l
RT: 5.02 min Scan# 456
Delta R.T. -0.00 min
Lab File: VF060068.D
Acq: 23 Aug 2018 22:11

Tgt Ion: 65 Resp: 143155
Ion Ratio Lower Upper
65 100
67 46.3 0.0 92.0

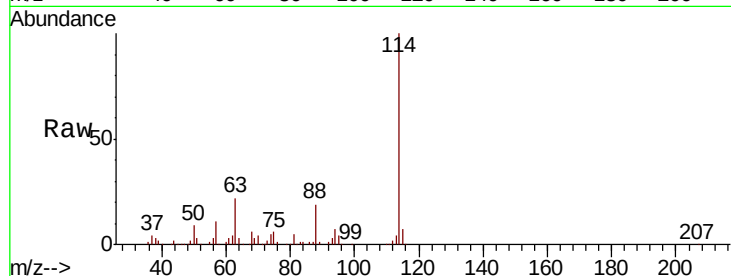




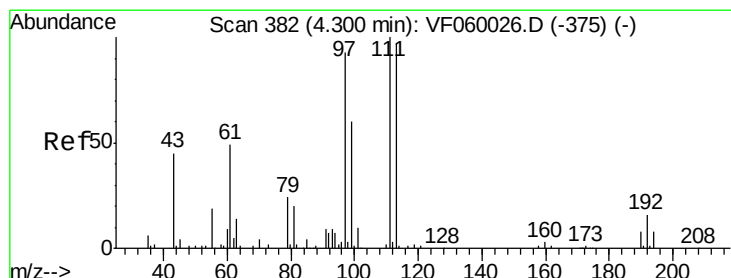
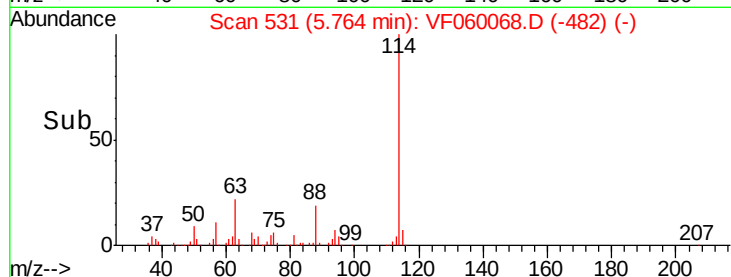
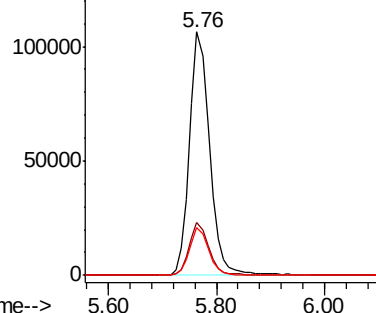
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF060068.D
 Acq: 23 Aug 2018 22:11

Instrument :
 MSVOA_F
 ClientSampled :
 EP1-Q3-C1

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.4
88	19.5	0.0	38.6

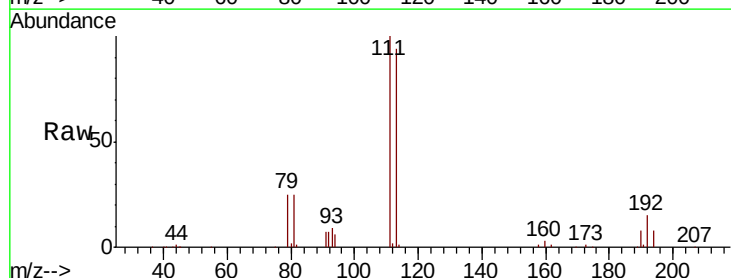


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

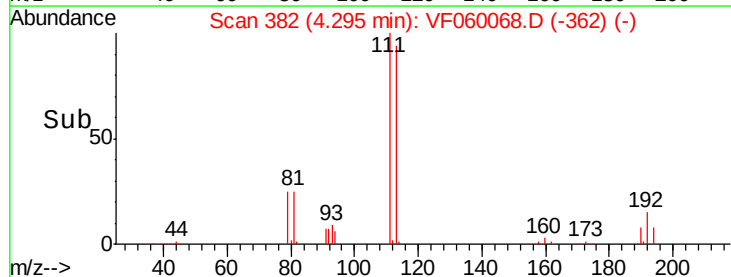
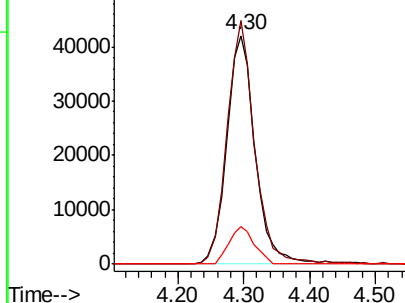


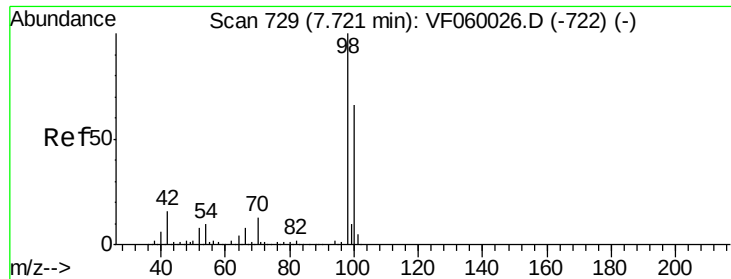
#35
 Dibromofluoromethane
 Concen: 58.80 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VF060068.D
 Acq: 23 Aug 2018 22:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.4	82.7	124.1
192	16.4	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

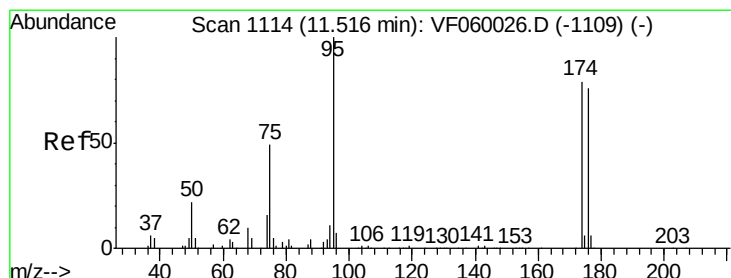
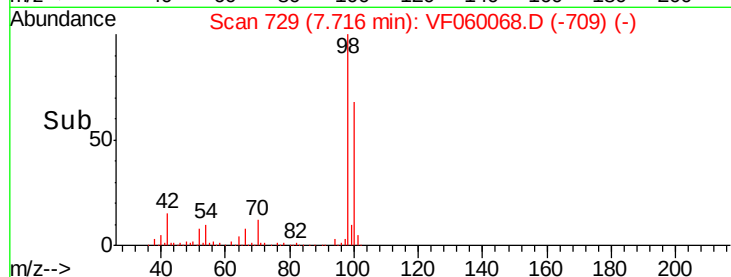
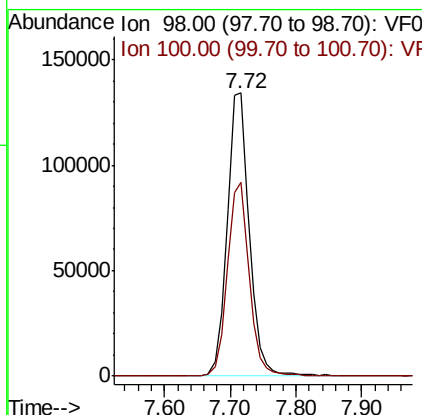
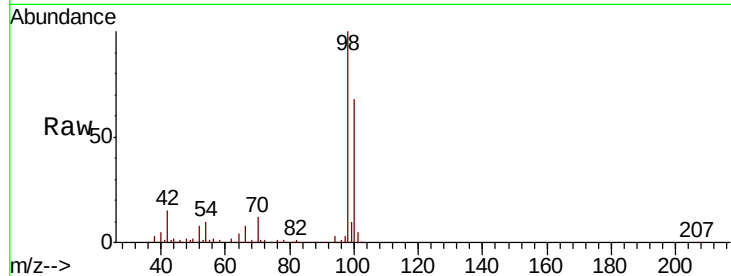




#50
Toluene-d8
Concen: 51.71 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.00 min
Lab File: VF060068.D
Acq: 23 Aug 2018 22:11

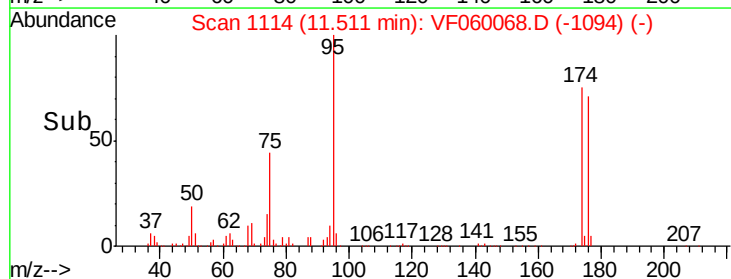
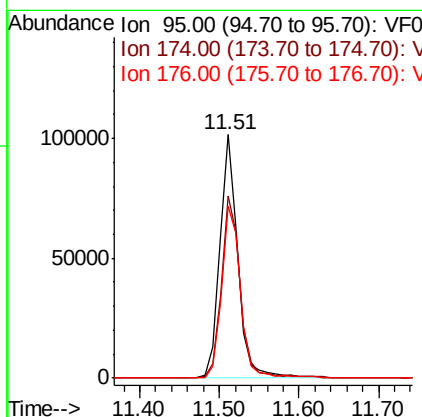
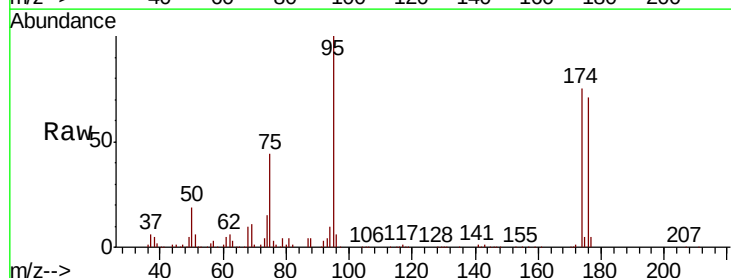
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-C1

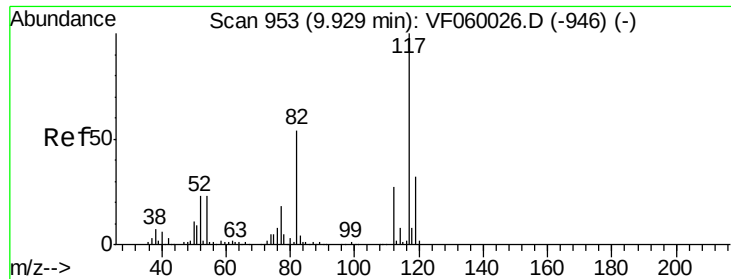
Tot Ion: 98 Resp: 317089
Ion Ratio Lower Upper
98 100
100 68.3 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 49.79 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF060068.D
Acq: 23 Aug 2018 22:11

Tgt Ion: 95 Resp: 161540
Ion Ratio Lower Upper
95 100
174 75.0 0.0 158.4
176 70.8 0.0 153.0

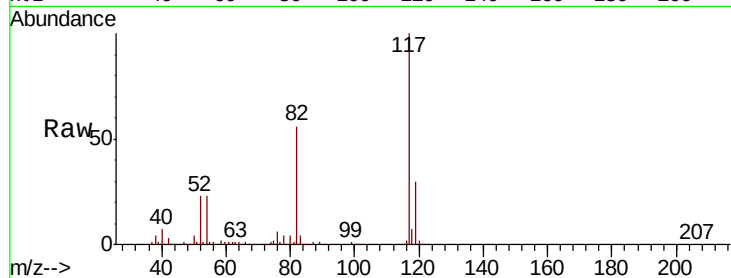




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF060068.D
Acq: 23 Aug 2018 22:11

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-C1

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.6	65.4
119	30.4	25.6	38.4

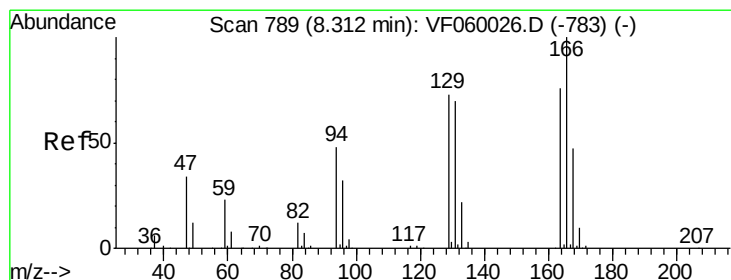
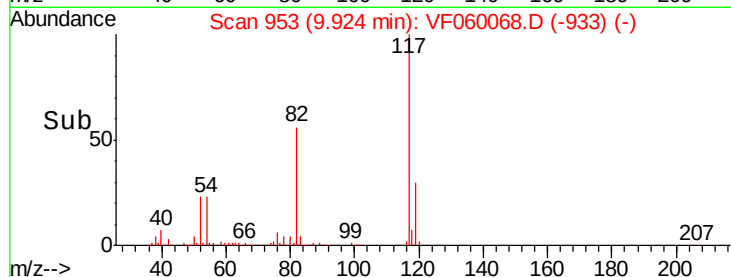
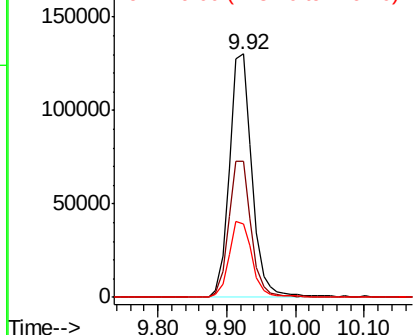


Abundance

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



#64
Tetrachloroethene
Concen: 8.60 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VF060068.D
Acq: 23 Aug 2018 22:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	104.7	157.1
129	93.2	77.0	115.4
131	99.9	72.9	109.3

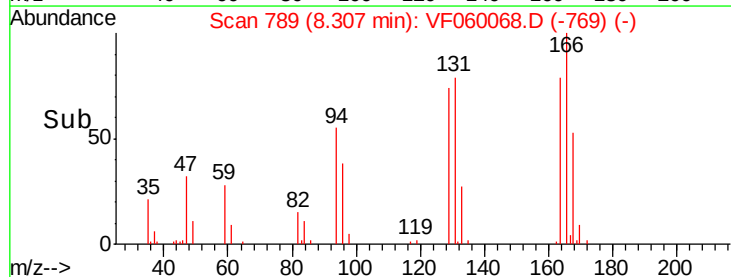
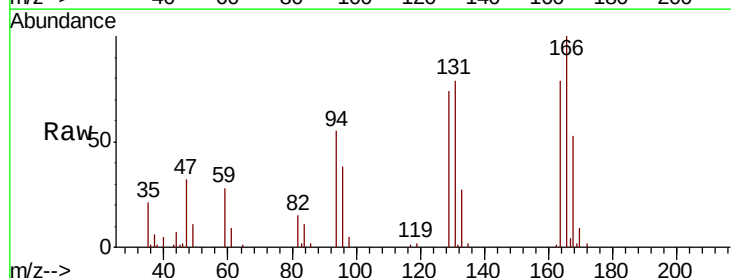
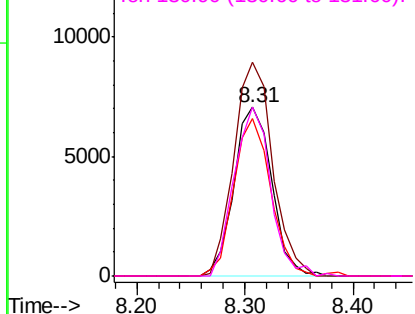
Abundance

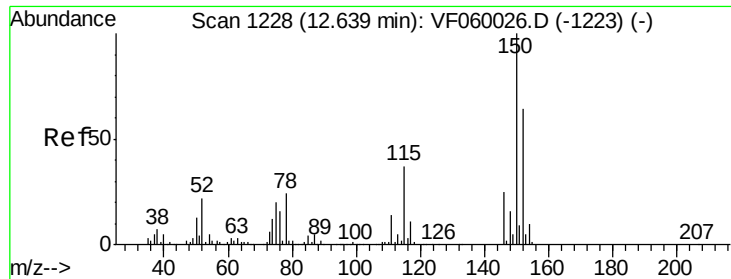
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): 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: VF060068.D

Acq: 23 Aug 2018 22:11

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-C1

Tot Ion:152 Resp: 169445

Ion Ratio Lower Upper

152 100

115 55.3 28.6 85.9

150 154.6 0.0 312.0

