

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060129.D
 Acq On : 27 Aug 2018 17:10
 Operator : VA/AP
 Sample : J4646-11
 Misc : 5.49g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-C7

Quant Time: Aug 27 18:22:48 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	124038	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	181101	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	206505	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	127230	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	75518	44.48	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	88.96%	
35) Dibromofluoromethane	4.28	113	77759	54.68	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	109.36%	
50) Toluene-d8	7.70	98	195599	48.43	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.50	95	104251	48.79	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	97.58%	

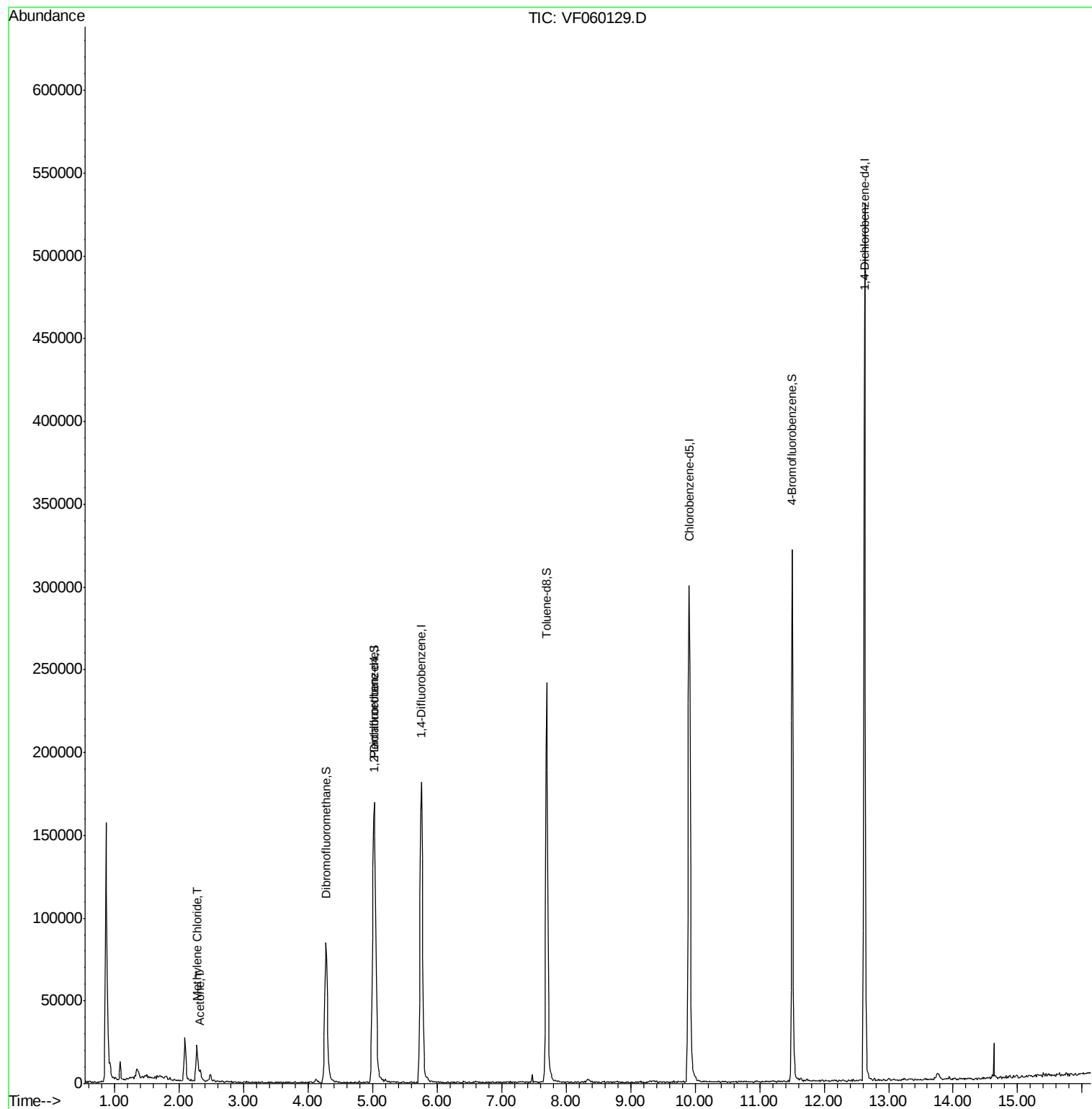
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	6546	14.67	ug/l	98
20) Methylene Chloride	2.28	84	11800	9.25	ug/l	# 77

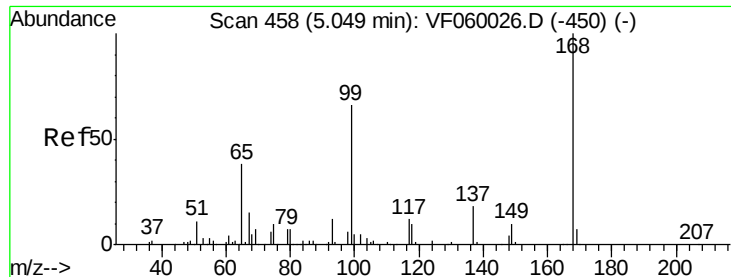
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060129.D

Acq: 27 Aug 2018 17:10

Instrument :

MSVOA_F

ClientSampleId :

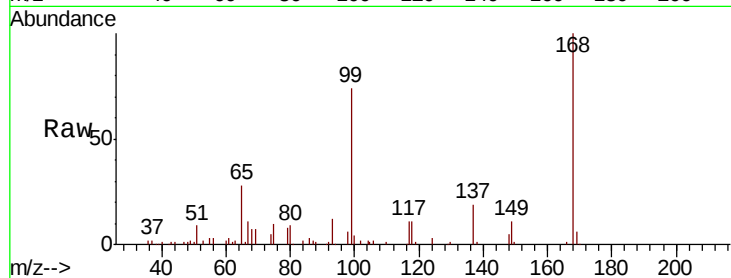
EP1-Q4-C7

Tot Ion:168 Resp: 124038

Ion Ratio Lower Upper

168 100

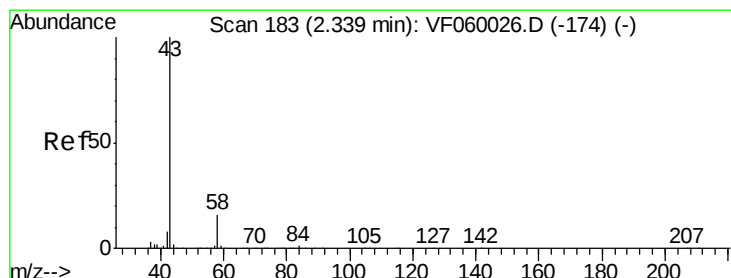
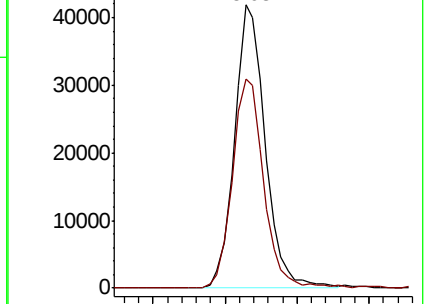
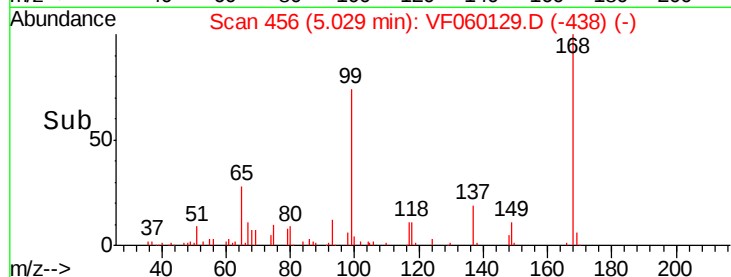
99 73.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03



#16

Acetone

Concen: 14.67 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF060129.D

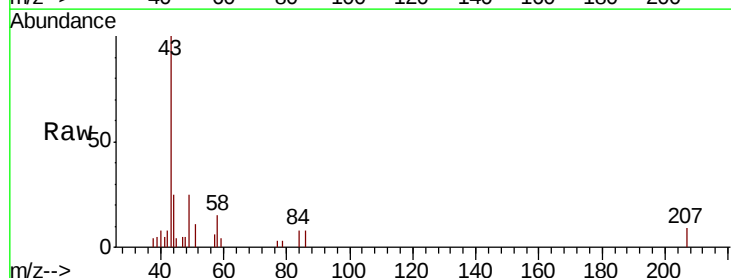
Acq: 27 Aug 2018 17:10

Tgt Ion: 43 Resp: 6546

Ion Ratio Lower Upper

43 100

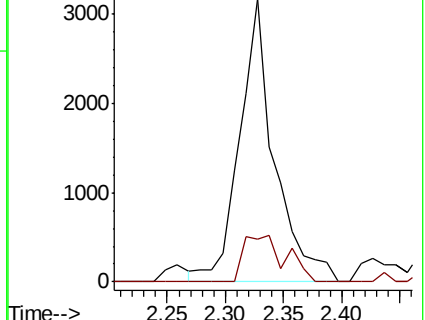
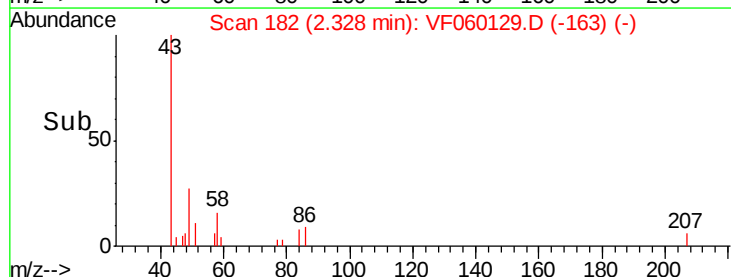
58 15.1 12.6 19.0

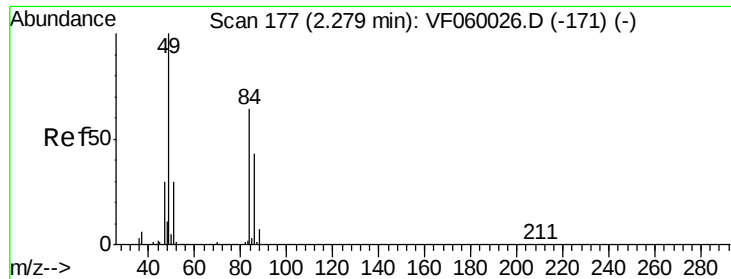


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

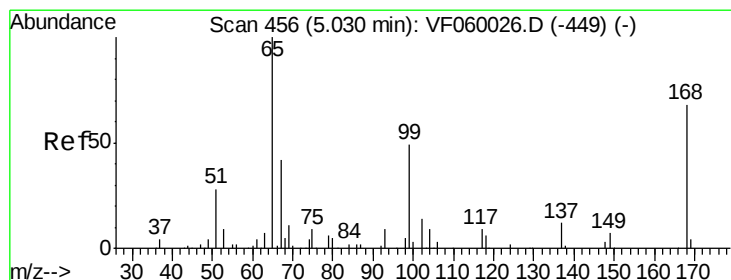
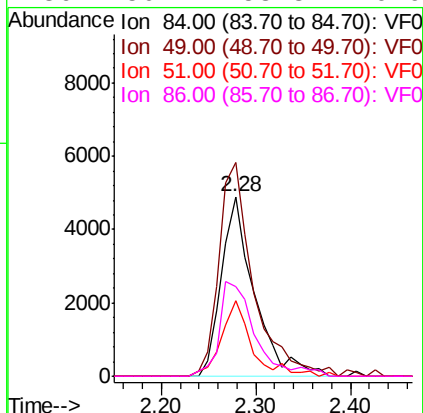
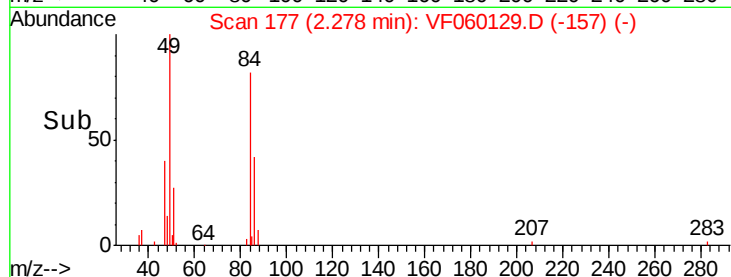
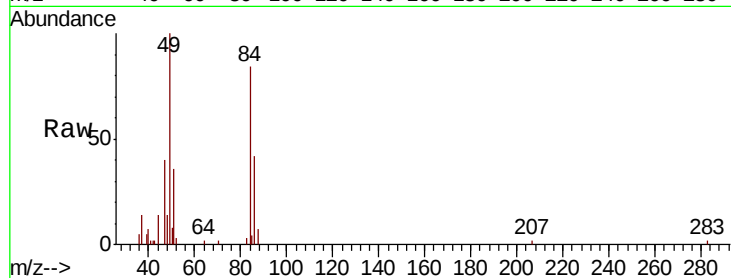




#20
Methvlene Chloride
Concen: 9.25 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF060129.D
Acq: 27 Aug 2018 17:10

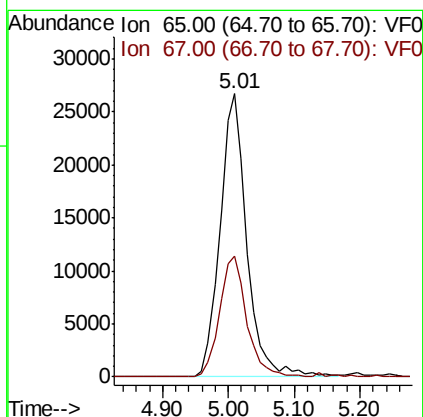
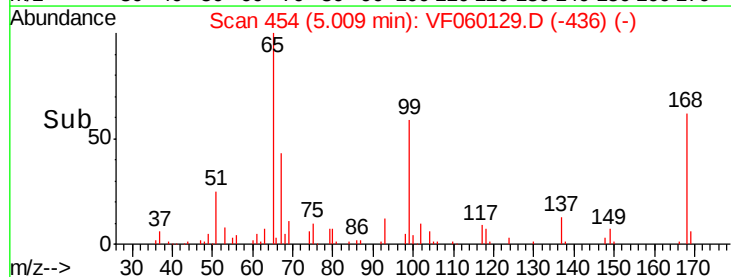
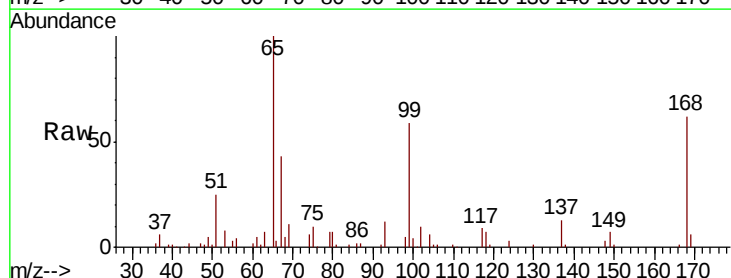
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-C7

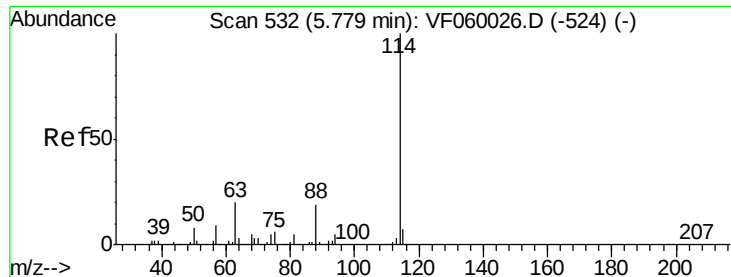
Tot Ion: 84 Resp: 11800
Ion Ratio Lower Upper
84 100
49 119.1 125.4 188.0#
51 42.5 38.3 57.5
86 50.2 53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 44.48 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF060129.D
Acq: 27 Aug 2018 17:10

Tgt Ion: 65 Resp: 75518
Ion Ratio Lower Upper
65 100
67 42.7 0.0 92.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060129.D

Acq: 27 Aug 2018 17:10

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-C7

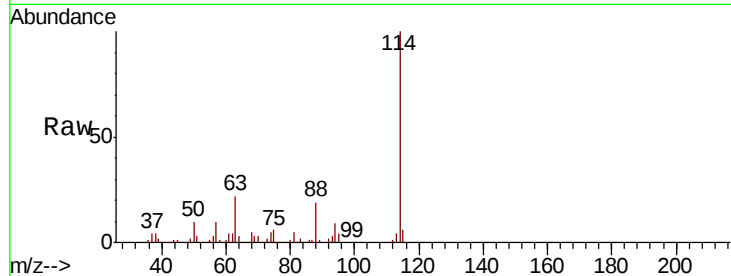
Tot Ion:114 Resp: 181101

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.4

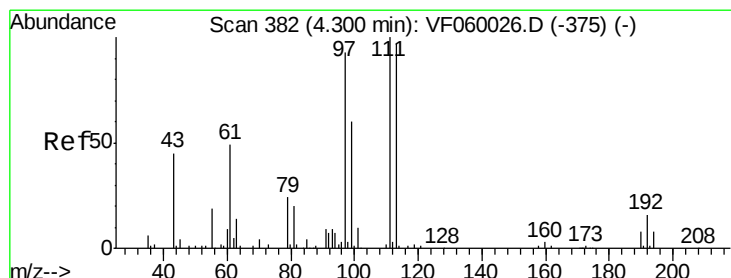
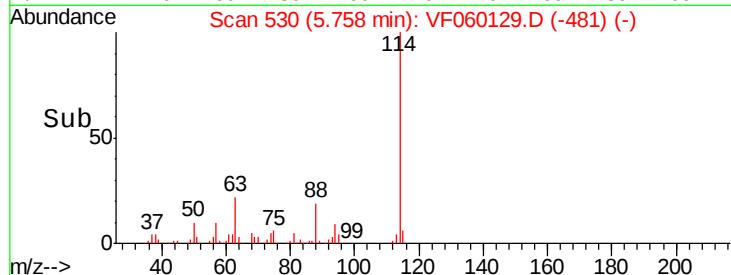
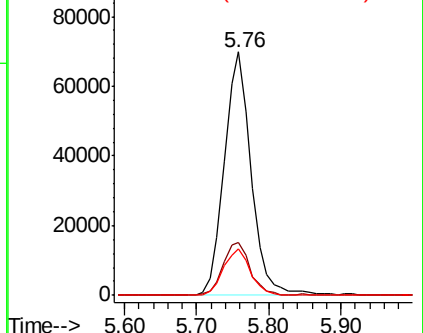
88 19.2 0.0 38.6



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: 54.68 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF060129.D

Acq: 27 Aug 2018 17:10

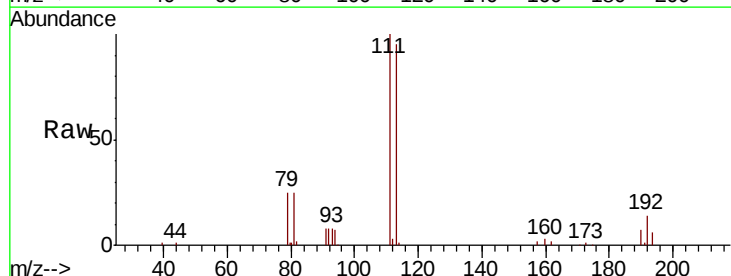
Tgt Ion:113 Resp: 77759

Ion Ratio Lower Upper

113 100

111 105.5 82.7 124.1

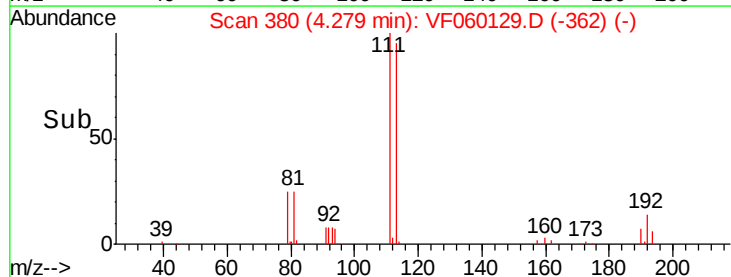
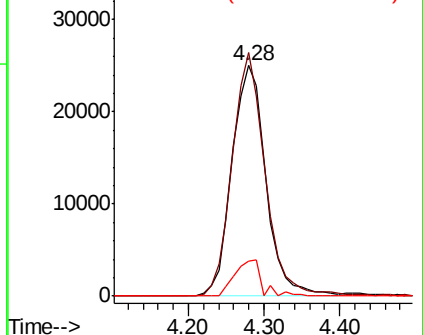
192 15.0 13.0 19.4

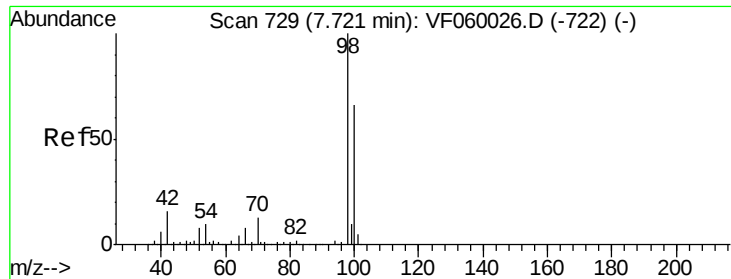


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

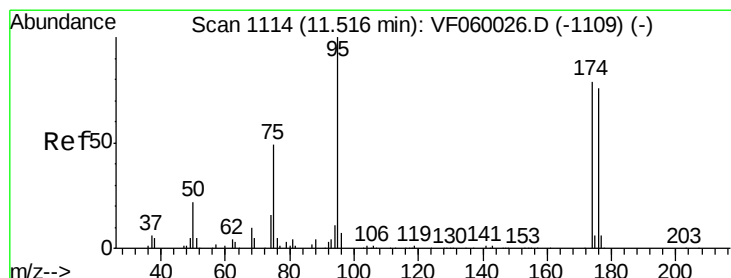
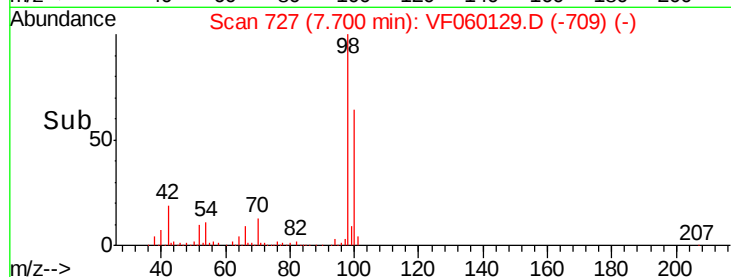
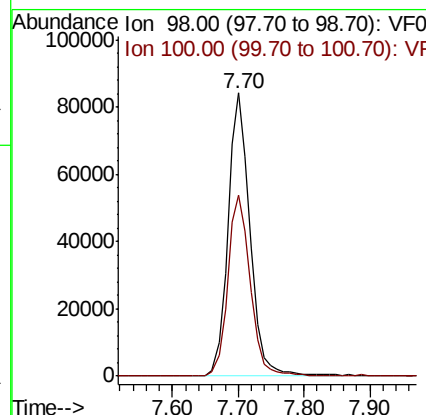
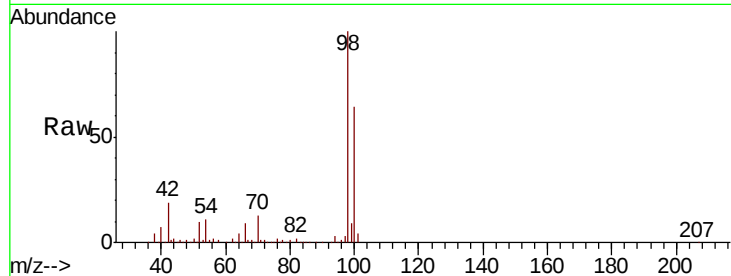




#50
Toluene-d8
Concen: 48.43 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060129.D
Acq: 27 Aug 2018 17:10

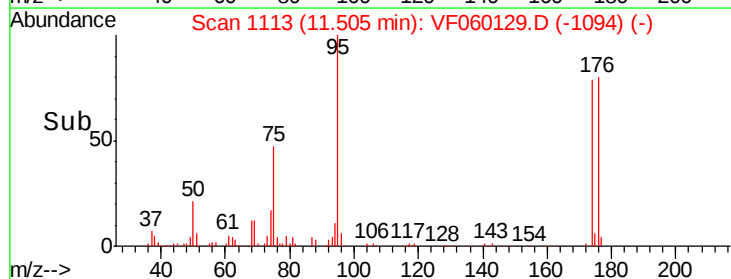
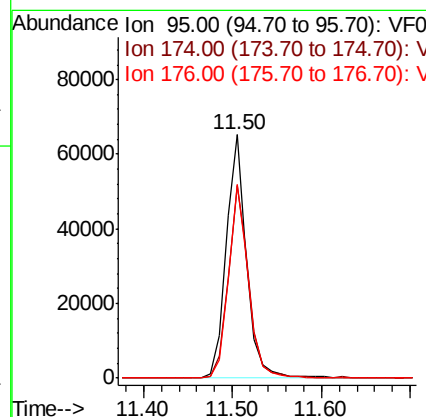
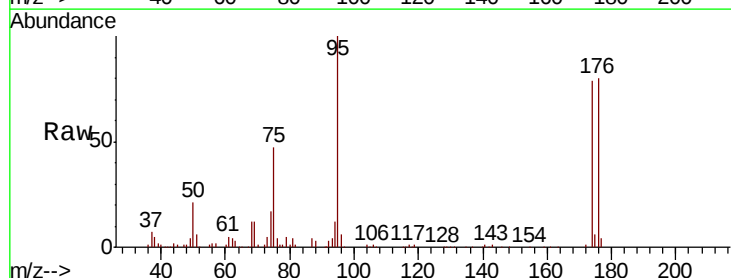
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-C7

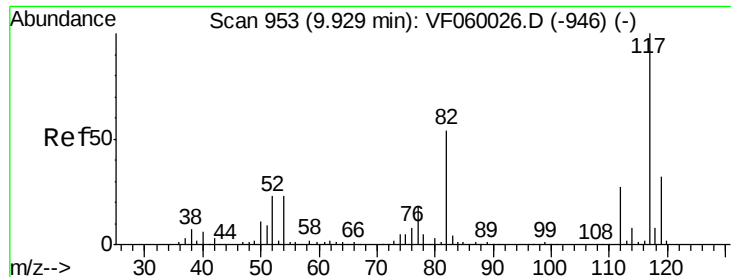
Tot Ion: 98 Resp: 195599
Ion Ratio Lower Upper
98 100
100 63.8 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.79 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060129.D
Acq: 27 Aug 2018 17:10

Tgt Ion: 95 Resp: 104251
Ion Ratio Lower Upper
95 100
174 79.2 0.0 158.4
176 79.8 0.0 153.0

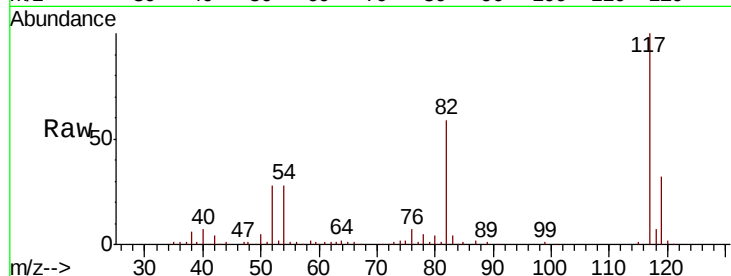




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060129.D
Acq: 27 Aug 2018 17:10

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-C7

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	43.6	65.4
119	32.5	25.6	38.4

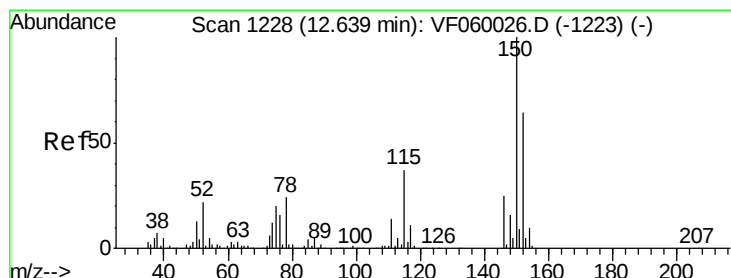
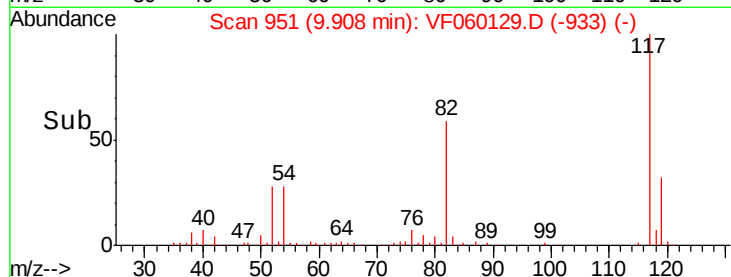
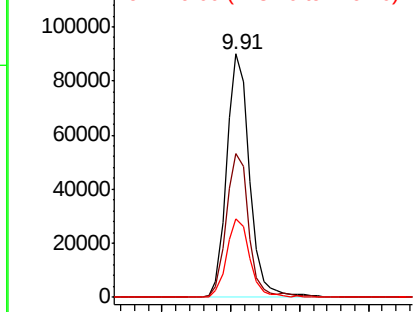


Abundance

Ion 117.00 (116.70 to 117.70): V

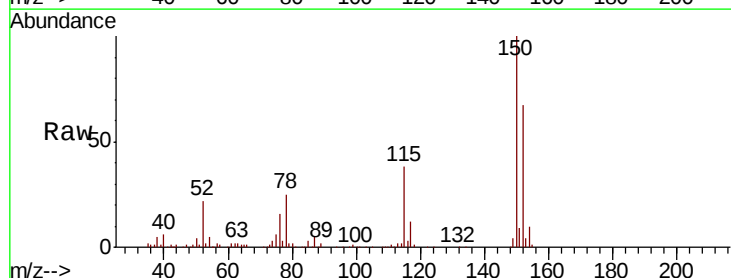
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060129.D
Acq: 27 Aug 2018 17:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.6	85.9
150	148.5	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

