

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060130.D
 Acq On : 27 Aug 2018 17:38
 Operator : VA/AP
 Sample : J4646-12
 Misc : 5.89g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-D5

Quant Time: Aug 27 18:34:29 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

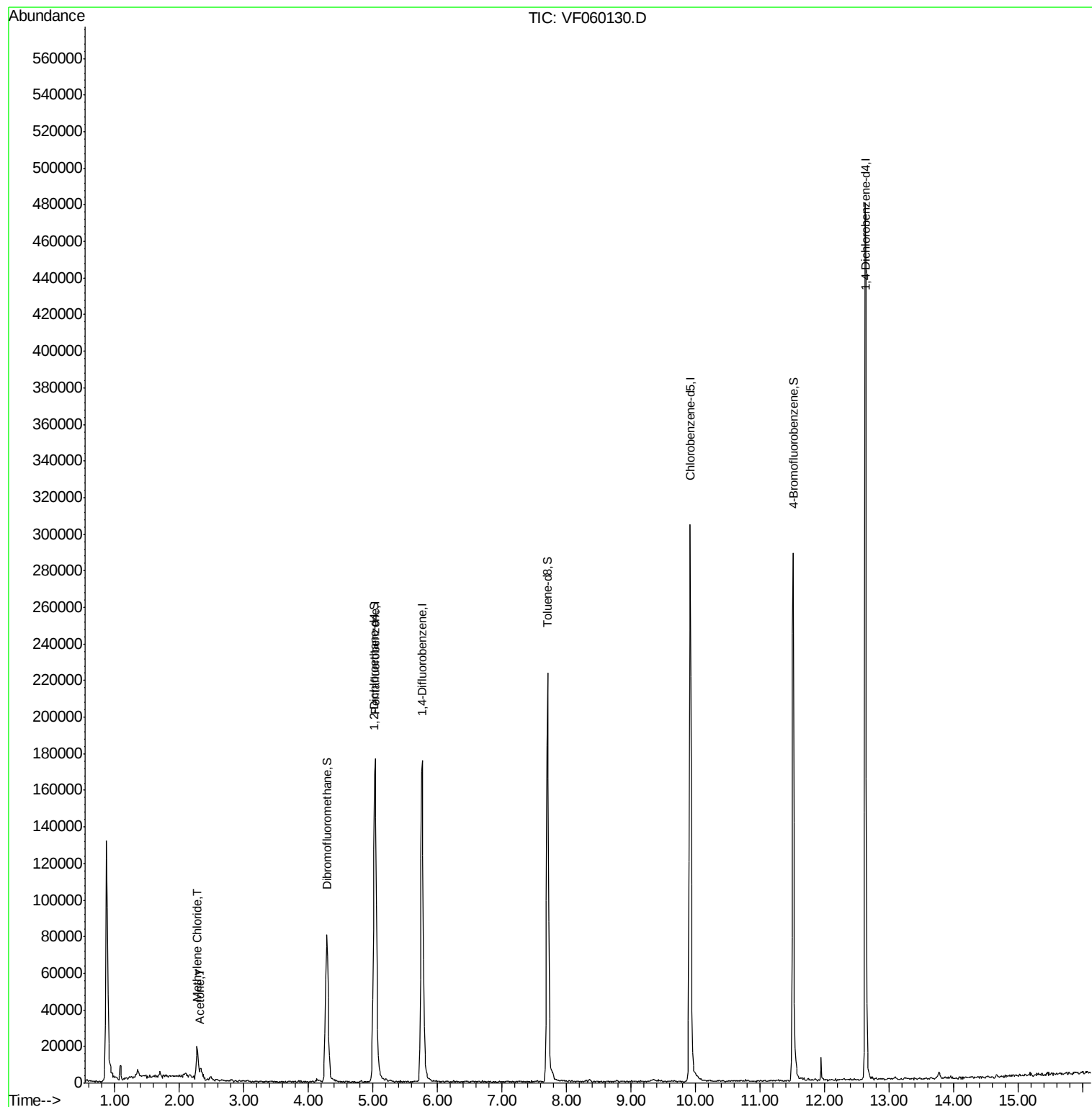
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	127140	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	180343	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	205734	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	126052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	66378	38.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.30%	
35) Dibromofluoromethane	4.28	113	73721	52.06	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.12%	
50) Toluene-d8	7.70	98	175817	43.72	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.44%	
62) 4-Bromofluorobenzene	11.51	95	102882	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
Target Compounds						
16) Acetone	2.33	43	7255	15.86	ug/l	93
20) Methylene Chloride	2.27	84	8963	5.38	ug/l #	86

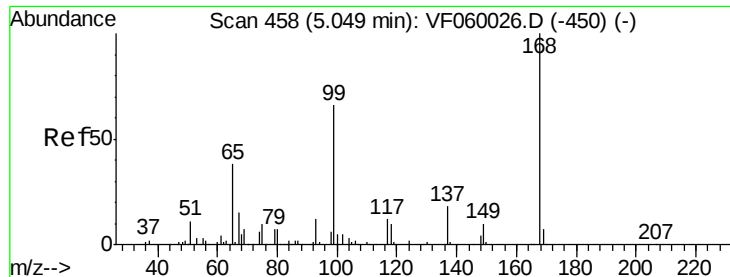
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.02 min

Lab File: VF060130.D

Acq: 27 Aug 2018 17:38

Instrument :

MSVOA_F

ClientSampleId :

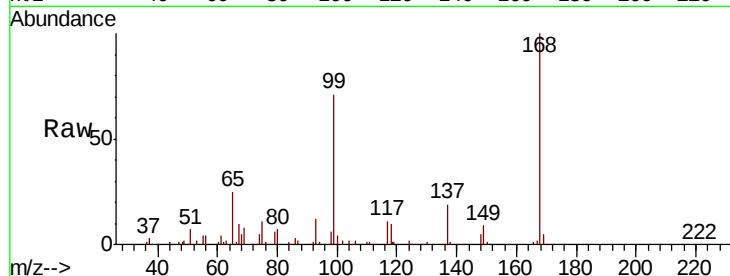
EP1-Q4-D5

Tot Ion:168 Resp: 127140

Ion Ratio Lower Upper

168 100

99 70.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

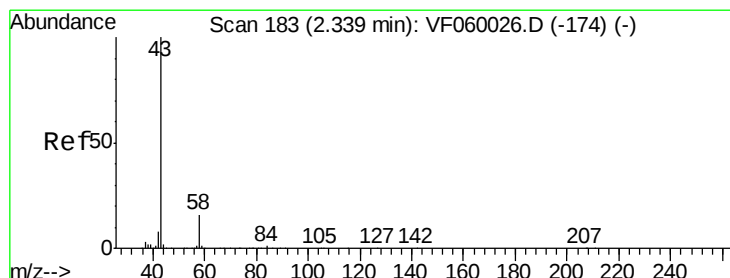
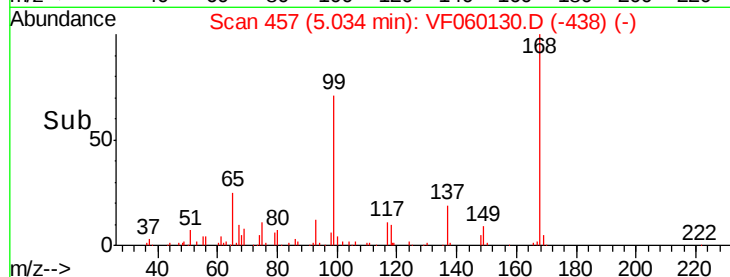
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 15.86 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF060130.D

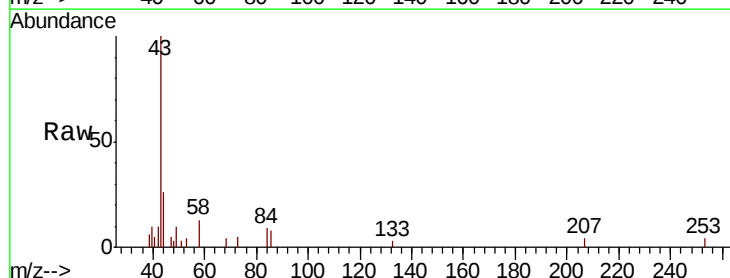
Acq: 27 Aug 2018 17:38

Tgt Ion: 43 Resp: 7255

Ion Ratio Lower Upper

43 100

58 12.7 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

4000

3000

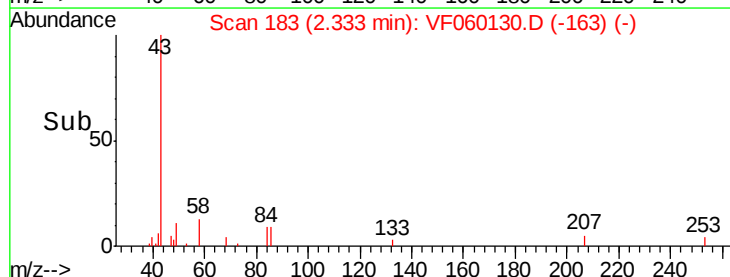
2000

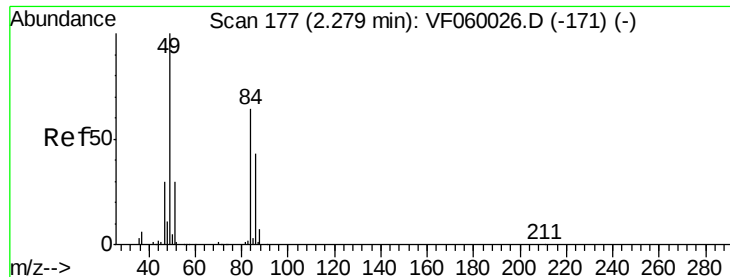
1000

0

Time-->

2.20 2.30 2.40

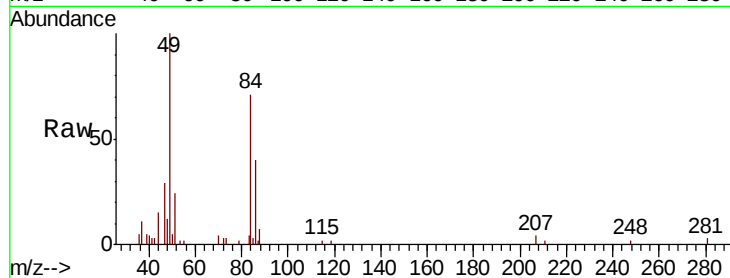




#20
Methvlene Chloride
Concen: 5.38 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF060130.D
Acq: 27 Aug 2018 17:38

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-D5

Tot Ion	Ratio	Lower	Upper
84	100		
49	141.0	125.4	188.0
51	34.2	38.3	57.5#
86	55.9	53.3	79.9



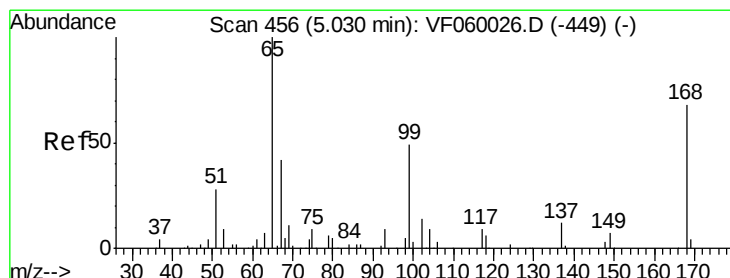
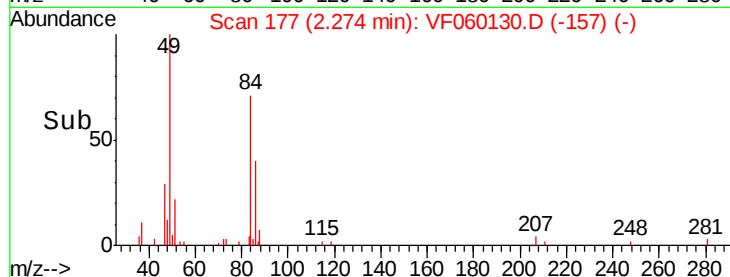
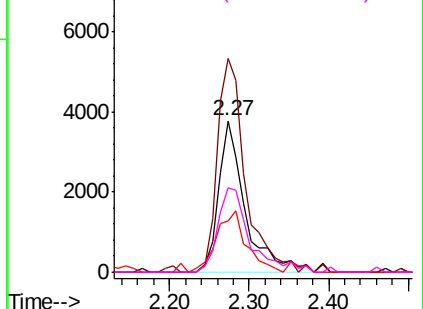
Abundance

Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

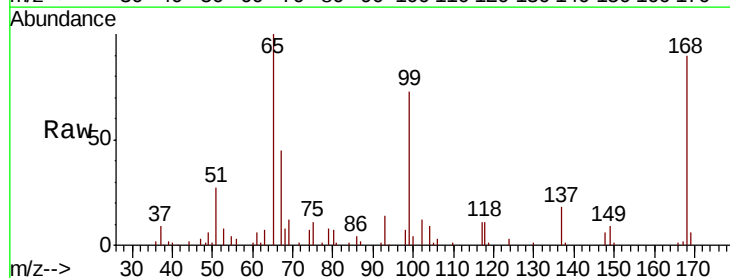
Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#33
1,2-Dichloroethane-d4
Concen: 38.15 ug/l
RT: 5.01 min Scan# 456
Delta R.T. -0.02 min
Lab File: VF060130.D
Acq: 27 Aug 2018 17:38

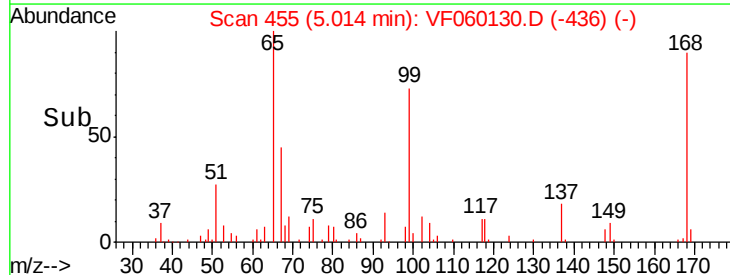
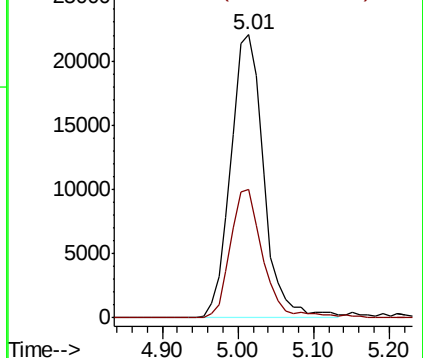
Tgt Ion	Ratio	Lower	Upper
65	100		
67	45.4	0.0	92.0

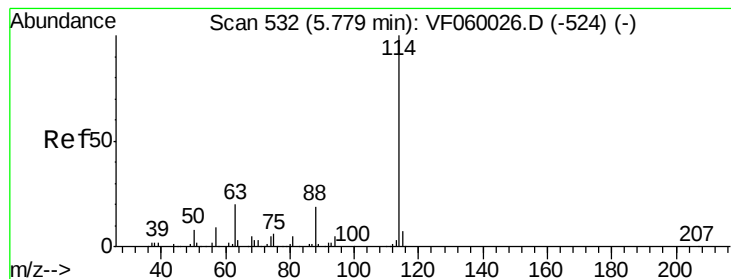


Abundance

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: 5.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF060130.D

Acq: 27 Aug 2018 17:38

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-D5

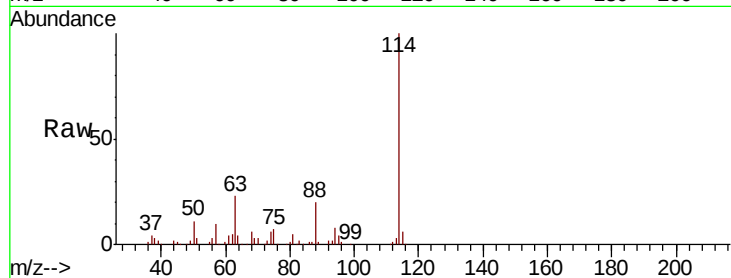
Tot Ion:114 Resp: 180343

Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.4

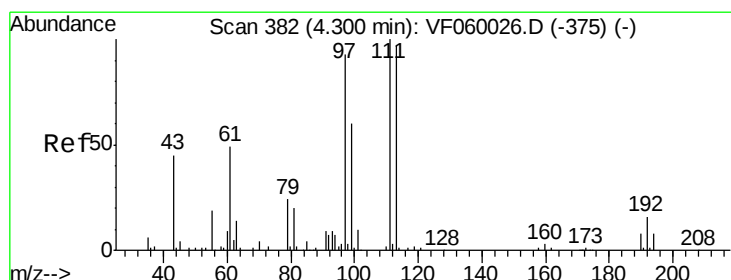
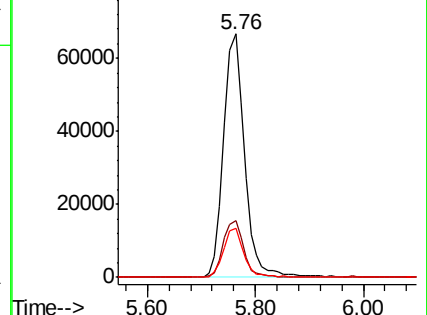
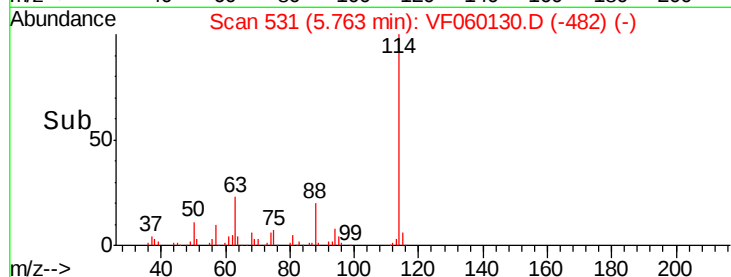
88 20.1 0.0 38.6



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: 52.06 ug/l

RT: 4.28 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF060130.D

Acq: 27 Aug 2018 17:38

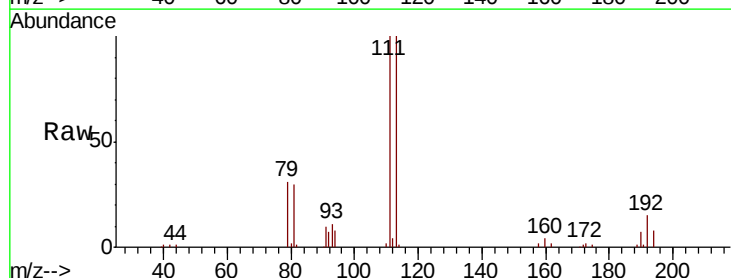
Tgt Ion:113 Resp: 73721

Ion Ratio Lower Upper

113 100

111 100.0 82.7 124.1

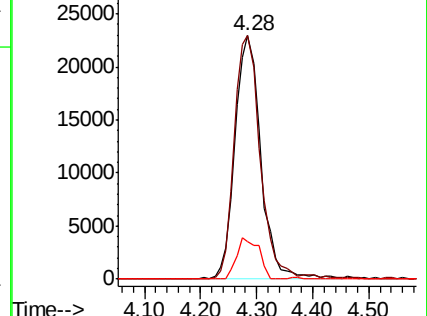
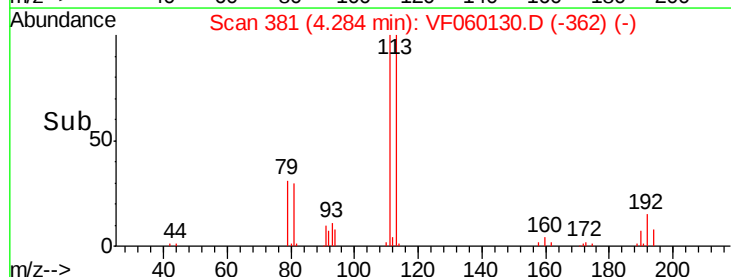
192 15.4 13.0 19.4

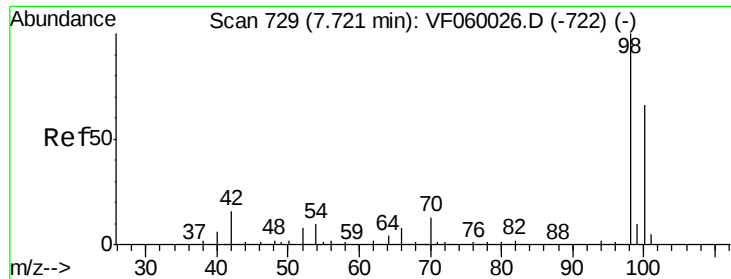


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

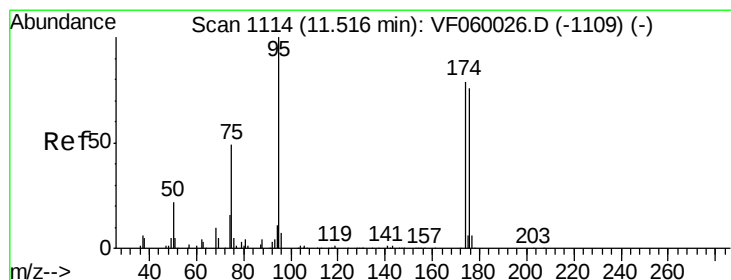
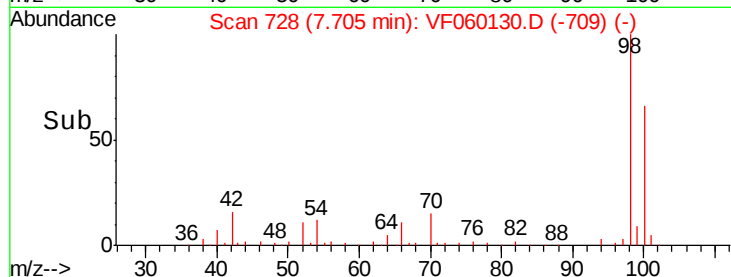
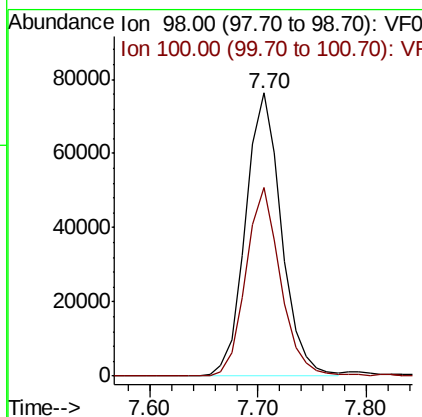
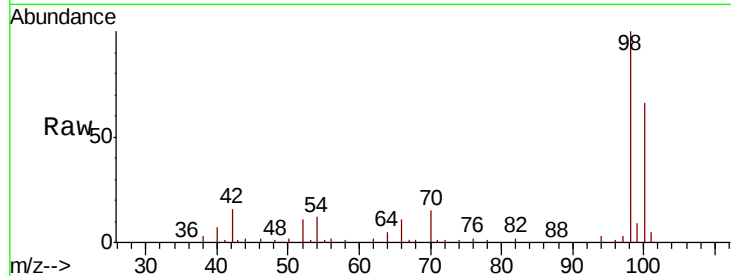




#50
Toluene-d8
Concen: 43.72 ug/l
RT: 7.70 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF060130.D
Acq: 27 Aug 2018 17:38

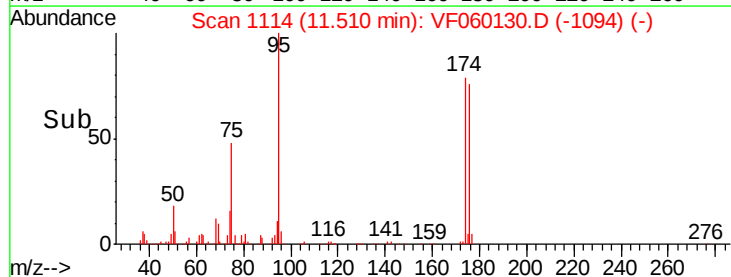
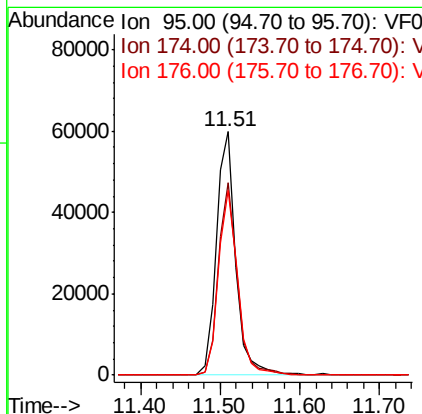
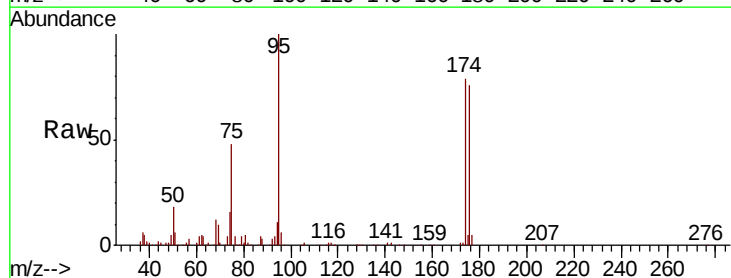
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-D5

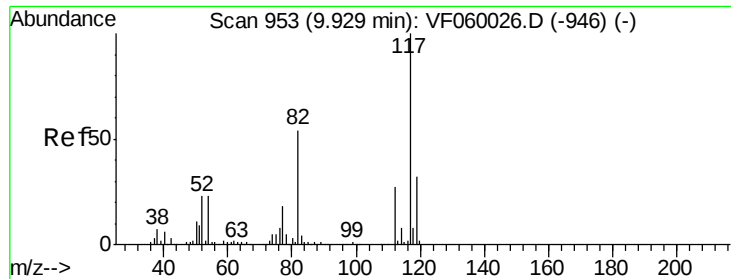
Tot Ion: 98 Resp: 175817
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.36 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060130.D
Acq: 27 Aug 2018 17:38

Tgt Ion: 95 Resp: 102882
Ion Ratio Lower Upper
95 100
174 78.8 0.0 158.4
176 75.9 0.0 153.0

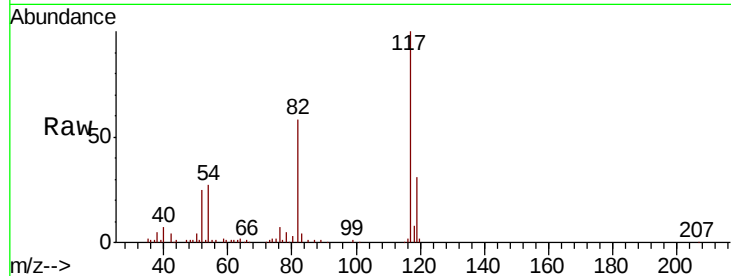




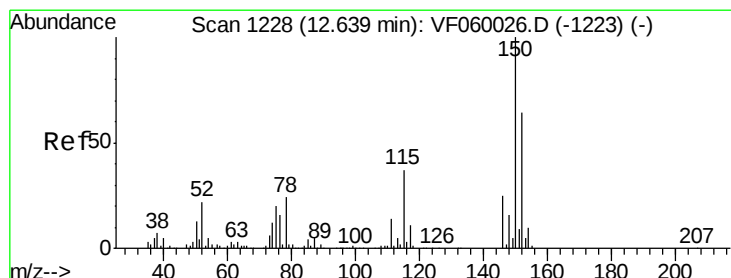
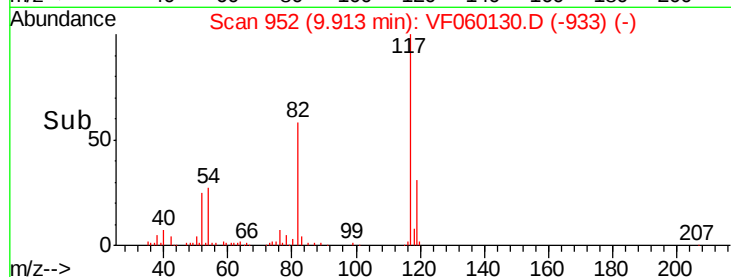
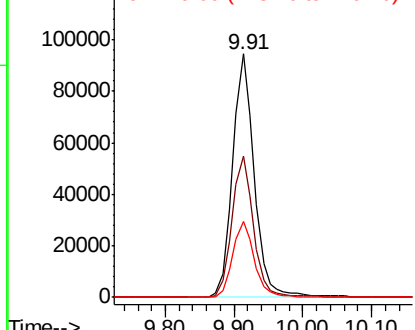
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF060130.D
Acq: 27 Aug 2018 17:38

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-D5

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	43.6	65.4
119	31.0	25.6	38.4

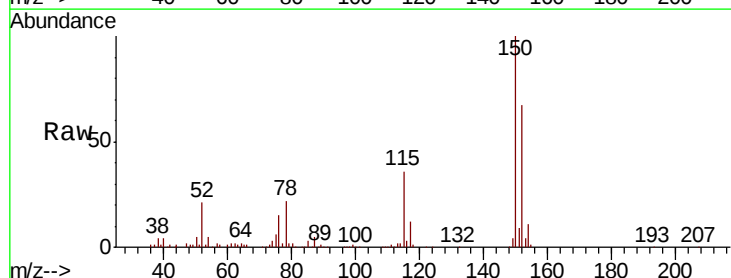


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060130.D
Acq: 27 Aug 2018 17:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	28.6	85.9
150	149.2	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

