

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060131.D
 Acq On : 27 Aug 2018 18:06
 Operator : VA/AP
 Sample : J4646-13
 Misc : 5.40g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-D6

Quant Time: Aug 27 18:58:24 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	132945	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	179540	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	180083	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	92786	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	57084	31.37	ug/l	-0.03
Spiked Amount				50.000		
Recovery						62.74%
35) Dibromofluoromethane	4.28	113	64295	45.60	ug/l	-0.02
Spiked Amount				50.000		
Recovery						91.20%
50) Toluene-d8	7.70	98	169556	42.35	ug/l	-0.02
Spiked Amount				50.000		
Recovery						84.70%
62) 4-Bromofluorobenzene	11.50	95	78118	36.88	ug/l	-0.01
Spiked Amount				50.000		
Recovery						73.76%

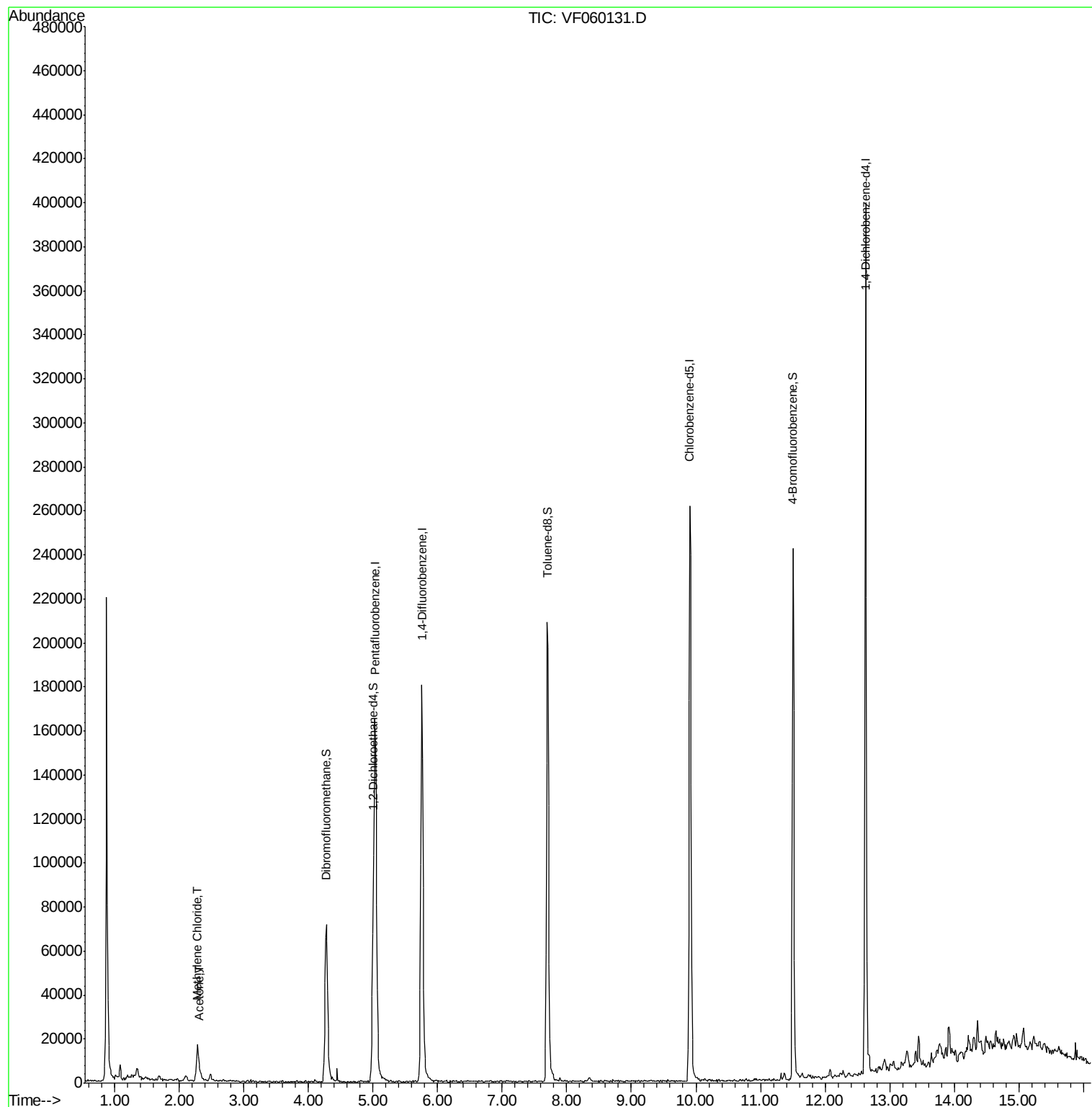
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	3314	6.93	ug/l	98
20) Methylene Chloride	2.28	84	9635	5.69	ug/l	92

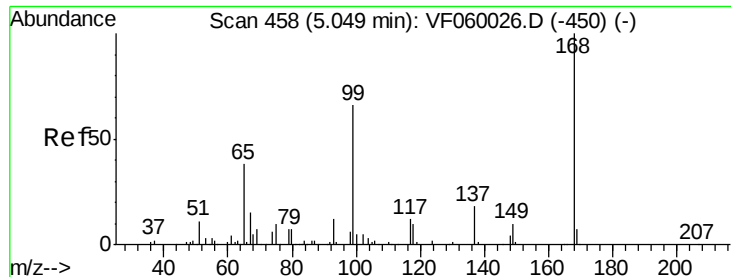
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060131.D

Acq: 27 Aug 2018 18:06

Instrument :

MSVOA_F

ClientSampleId :

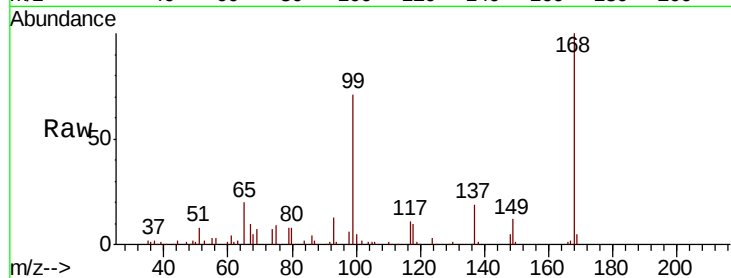
EP1-Q4-D6

Tot Ion:168 Resp: 132945

Ion Ratio Lower Upper

168 100

99 70.6 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

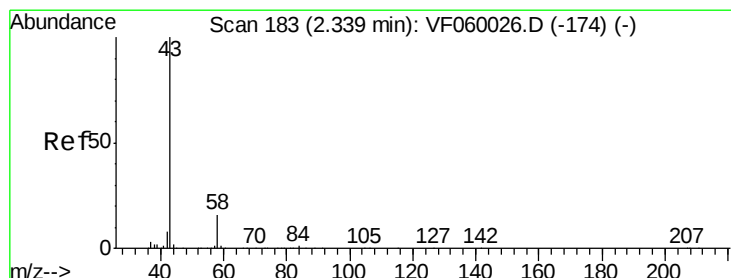
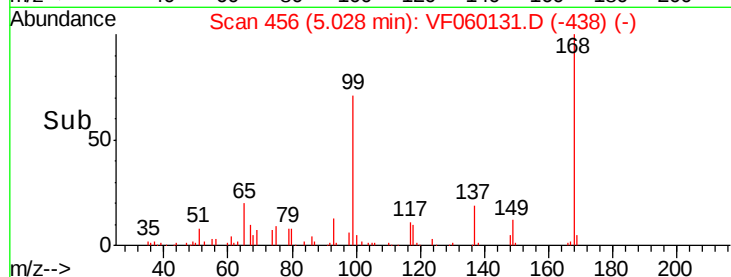
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 6.93 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.02 min

Lab File: VF060131.D

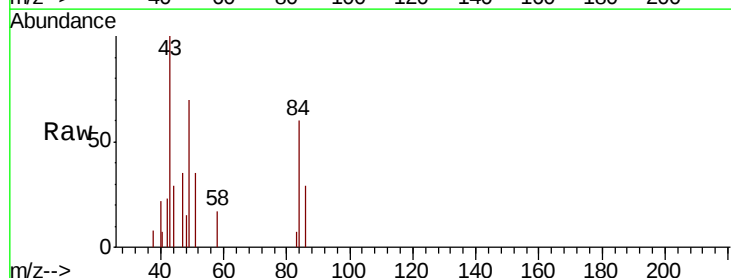
Acq: 27 Aug 2018 18:06

Tgt Ion: 43 Resp: 3314

Ion Ratio Lower Upper

43 100

58 16.6 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

1500

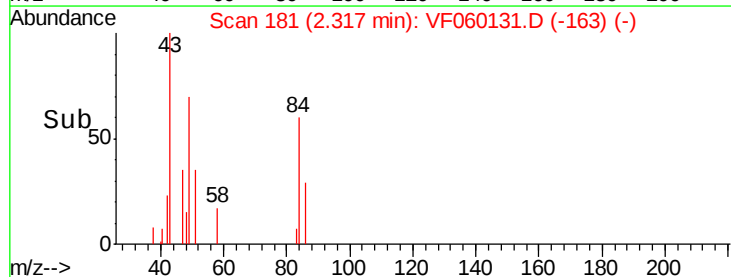
1000

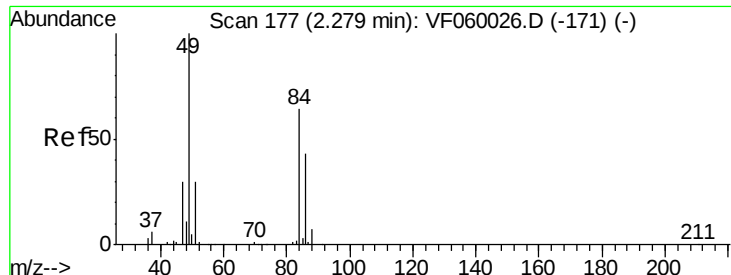
500

0

2.20 2.30 2.40

Time-->

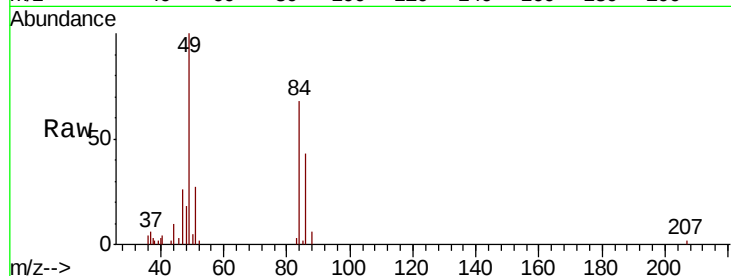




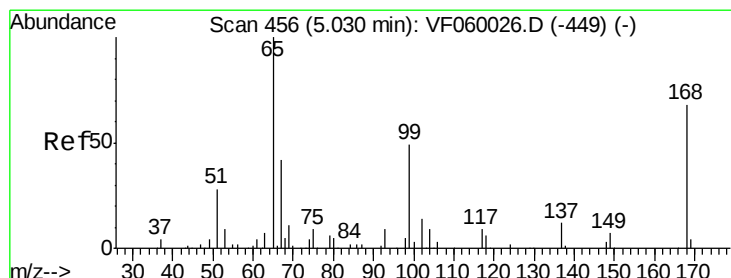
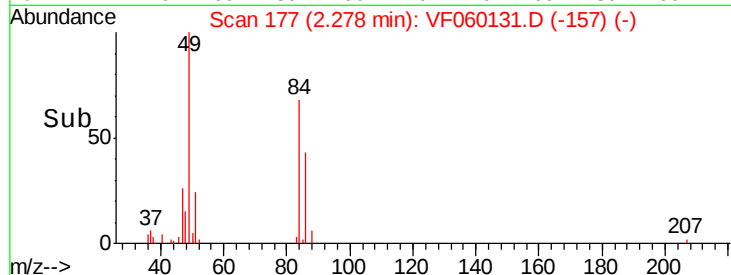
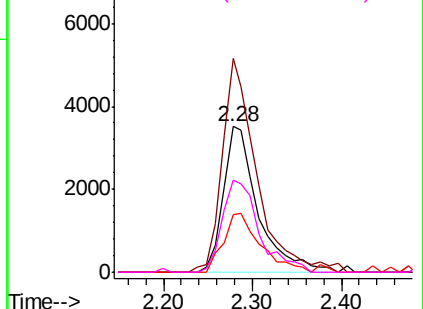
#20
Methvlene Chloride
Concen: 5.69 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF060131.D
Acq: 27 Aug 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-D6

Tot Ion:	84	Resp:	9635
Ion	Ratio	Lower	Upper
84	100		
49	146.6	125.4	188.0
51	39.6	38.3	57.5
86	63.1	53.3	79.9

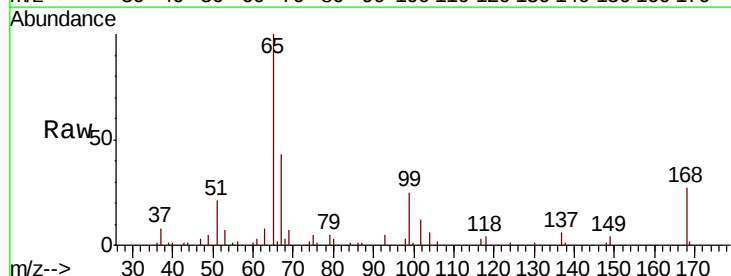


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

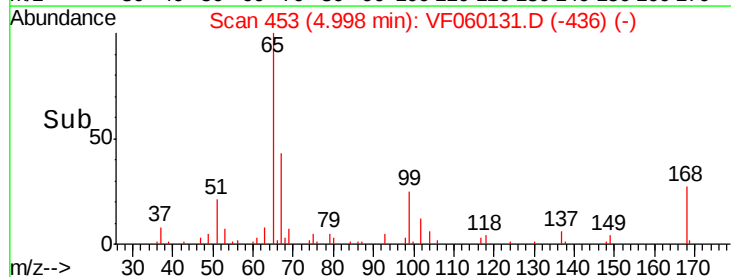
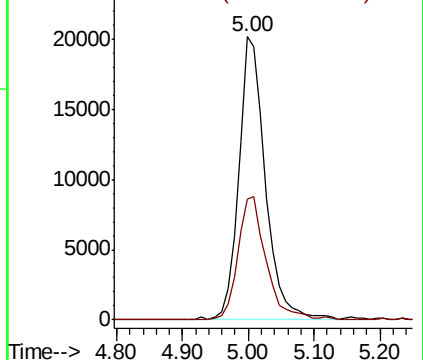


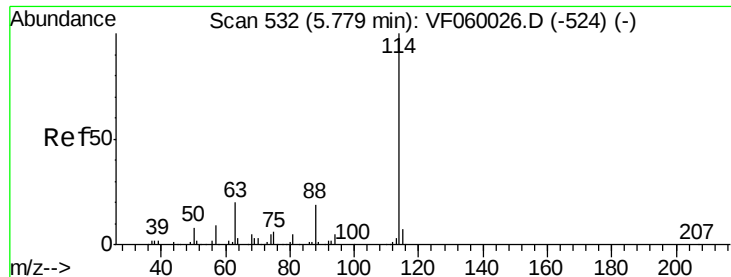
#33
1,2-Dichloroethane-d4
Concen: 31.37 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF060131.D
Acq: 27 Aug 2018 18:06

Tgt Ion:	65	Resp:	57084
Ion	Ratio	Lower	Upper
65	100		
67	42.8	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# 530

Delta R.T. -0.02 min

Lab File: VF060131.D

Acq: 27 Aug 2018 18:06

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-D6

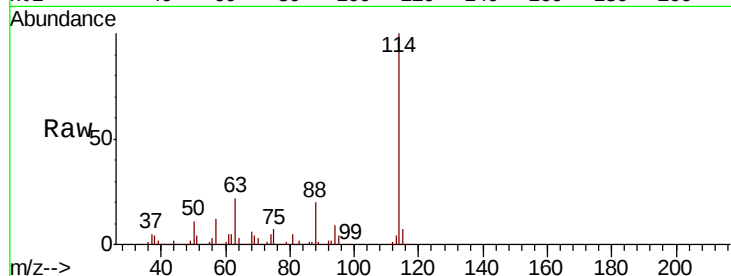
Tot Ion:114 Resp: 179540

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.4

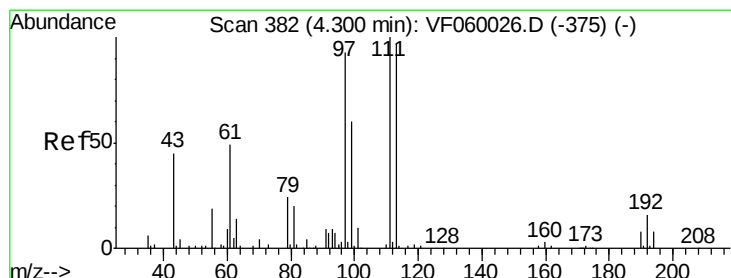
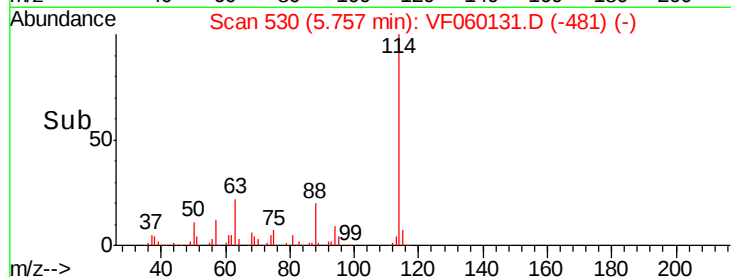
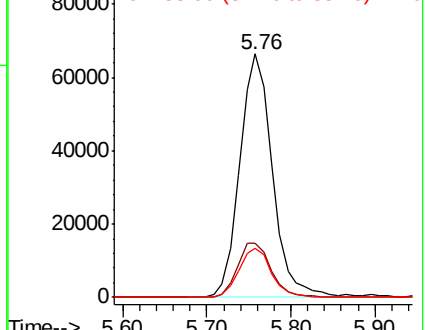
88 19.9 0.0 38.6



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: 45.60 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF060131.D

Acq: 27 Aug 2018 18:06

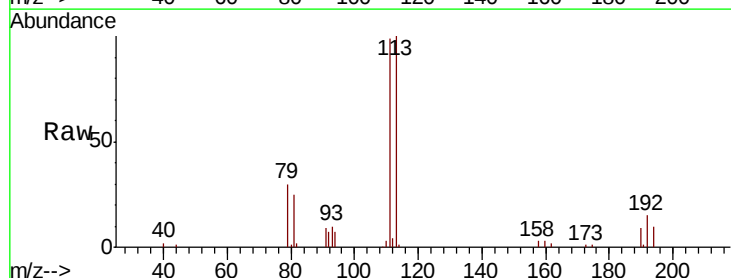
Tgt Ion:113 Resp: 64295

Ion Ratio Lower Upper

113 100

111 98.7 82.7 124.1

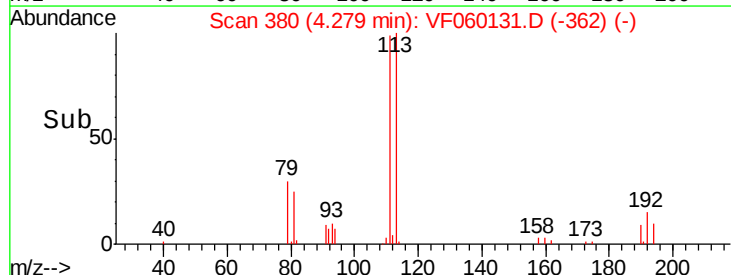
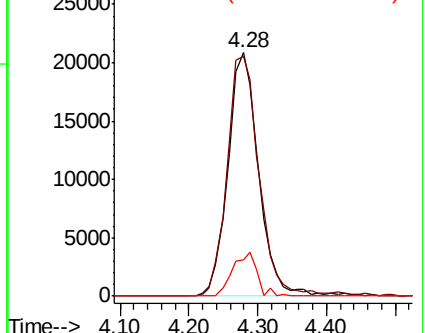
192 15.0 13.0 19.4

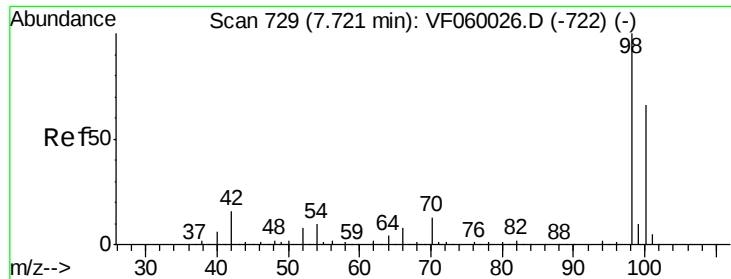


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

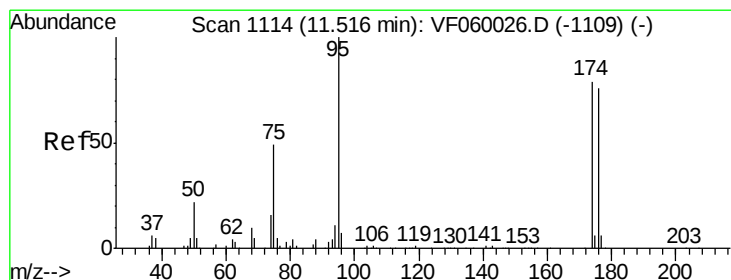
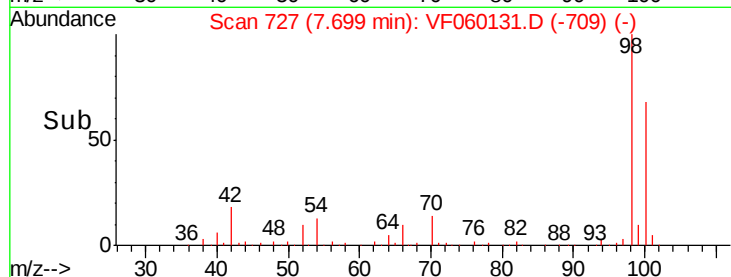
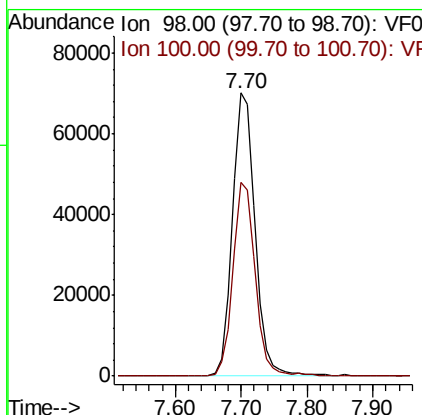
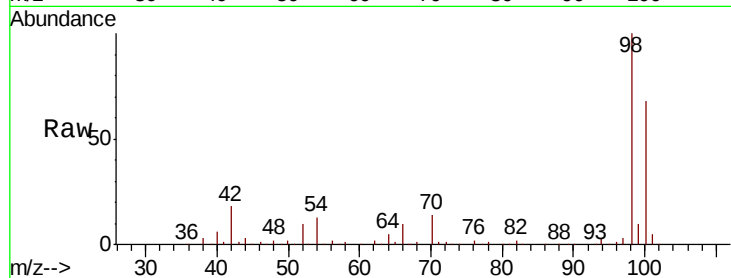




#50
Toluene-d8
Concen: 42.35 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060131.D
Acq: 27 Aug 2018 18:06

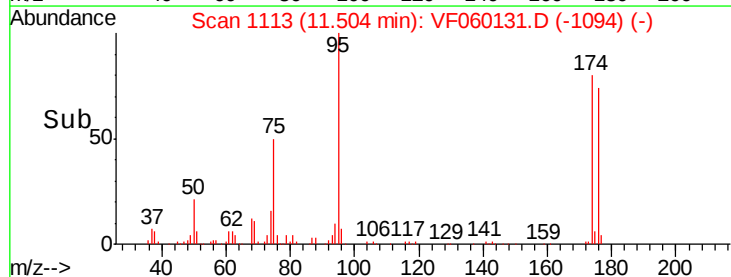
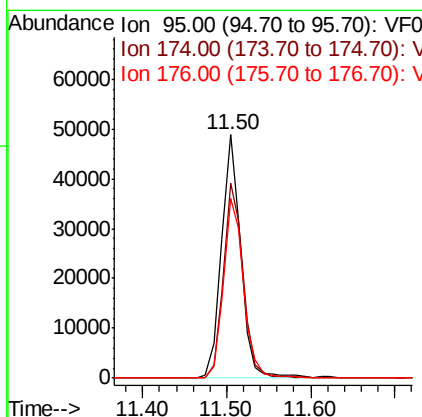
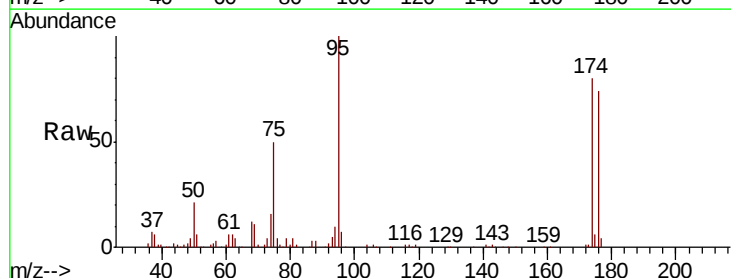
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-D6

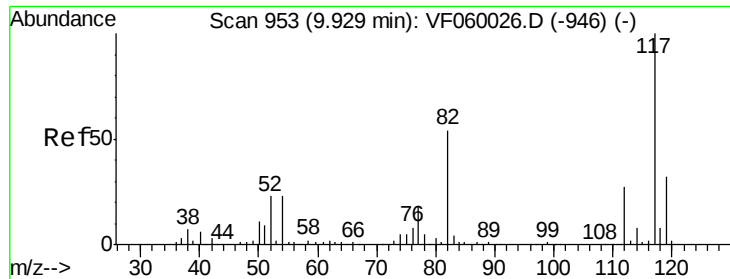
Tot Ion: 98 Resp: 169556
Ion Ratio Lower Upper
98 100
100 68.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 36.88 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060131.D
Acq: 27 Aug 2018 18:06

Tgt Ion: 95 Resp: 78118
Ion Ratio Lower Upper
95 100
174 79.8 0.0 158.4
176 73.7 0.0 153.0

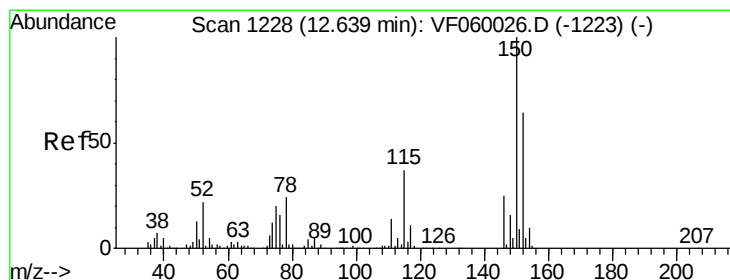
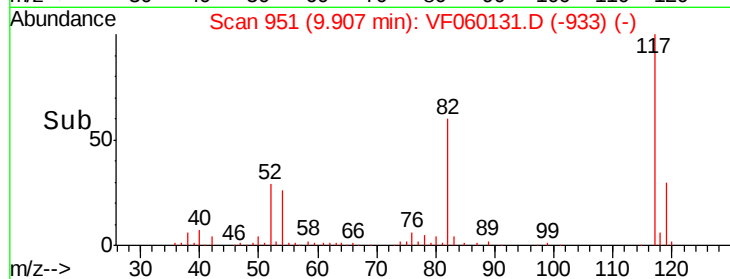
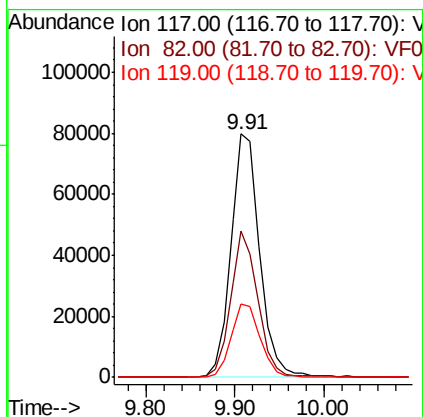
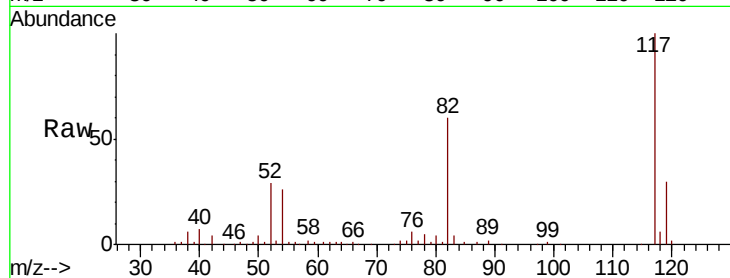




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060131.D
Acq: 27 Aug 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-D6

Tot Ion:117 Resp: 180083
Ion Ratio Lower Upper
117 100
82 60.2 43.6 65.4
119 30.2 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: VF060131.D
Acq: 27 Aug 2018 18:06

Tgt Ion:152 Resp: 92786
Ion Ratio Lower Upper
152 100
115 60.6 28.6 85.9
150 152.5 0.0 312.0

