

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060066.D
 Acq On : 23 Aug 2018 21:15
 Operator : VA/AP
 Sample : J4581-07
 Misc : 6.03g/5mL/MSVOA F/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-B3

Quant Time: Aug 24 04:02:53 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	5.05	168	177504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	277048	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	306437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	175138	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	125120	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
35) Dibromofluoromethane	4.29	113	112551	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
50) Toluene-d8	7.71	98	288662	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
62) 4-Bromofluorobenzene	11.51	95	147706	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	

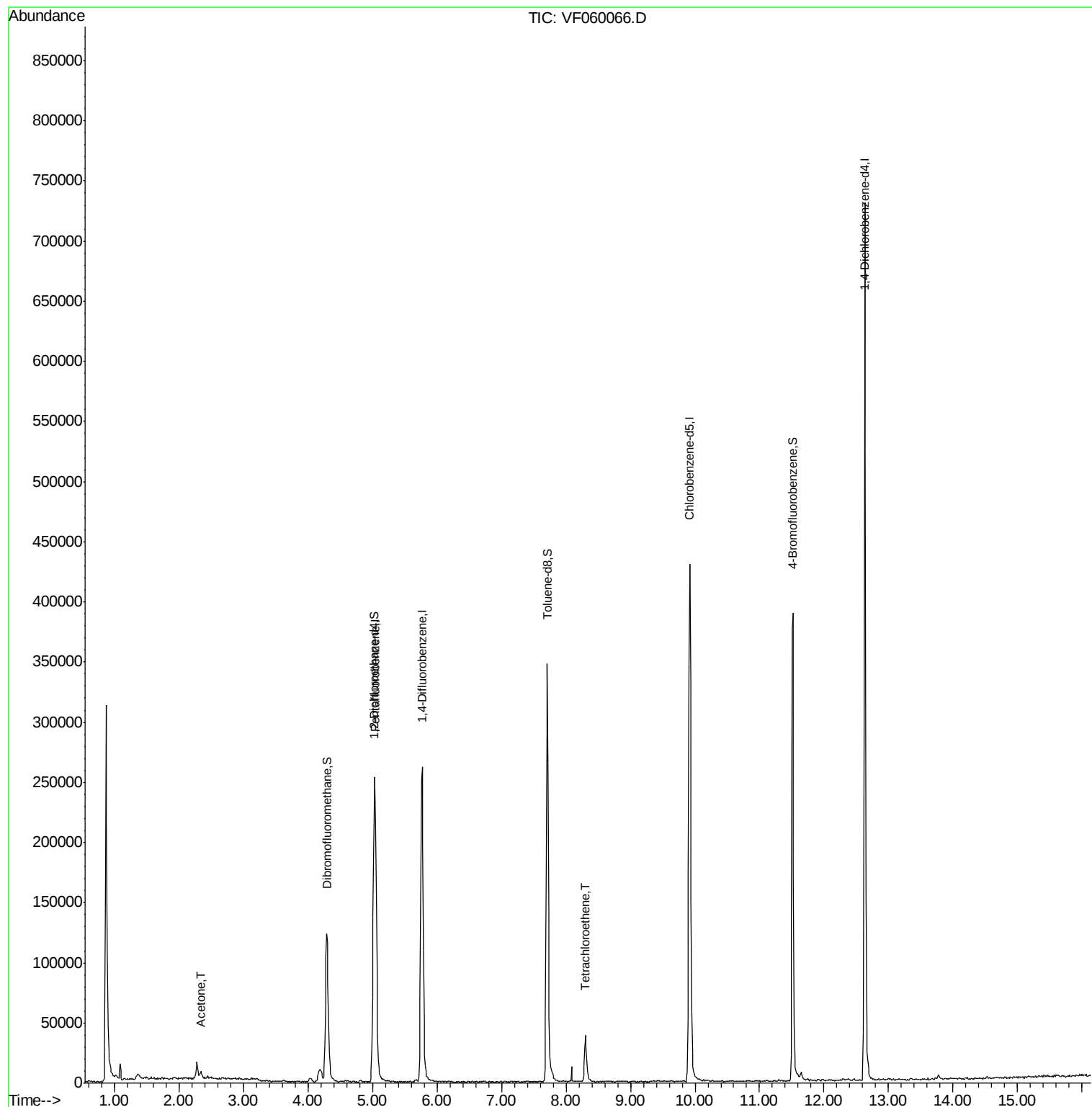
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	8548	13.39	ug/l	99
64) Tetrachloroethene	8.30	164	10058	4.87	ug/l	93

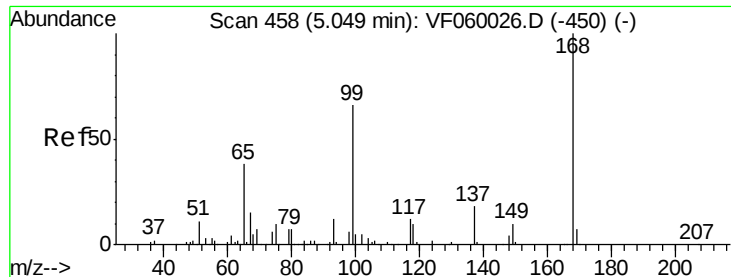
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF060066.D

Acq: 23 Aug 2018 21:15

Instrument :

MSVOA_F

ClientSampleId :

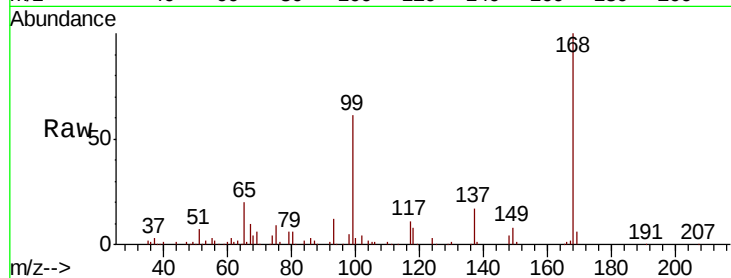
EP1-Q3-B3

Tot Ion:168 Resp: 177504

Ion Ratio Lower Upper

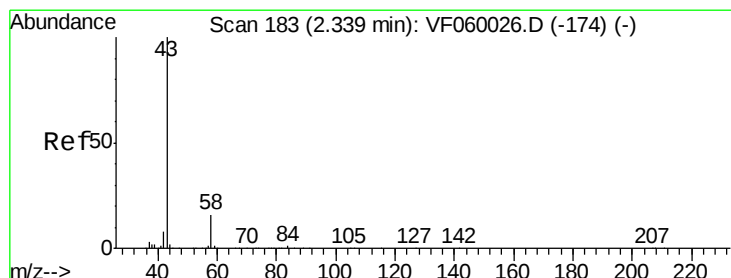
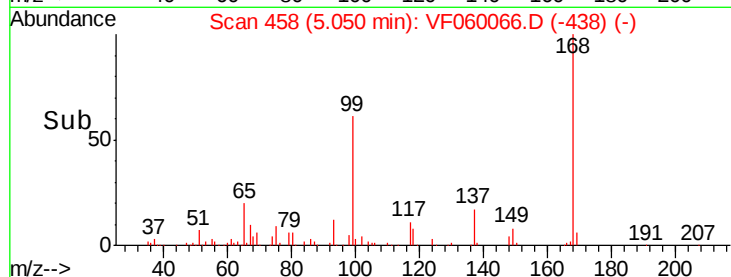
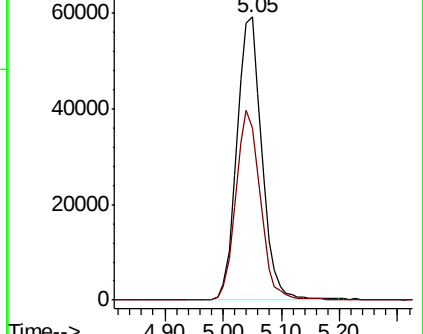
168 100

99 60.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 13.39 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF060066.D

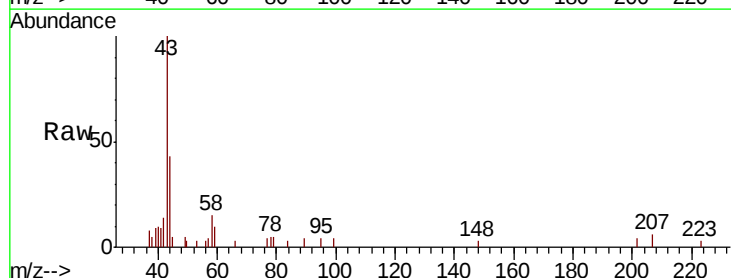
Acq: 23 Aug 2018 21:15

Tgt Ion: 43 Resp: 8548

Ion Ratio Lower Upper

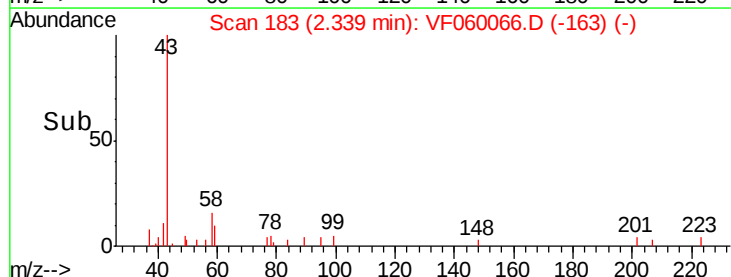
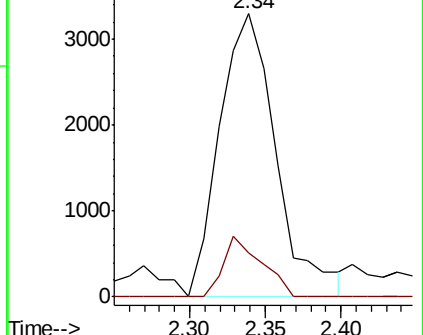
43 100

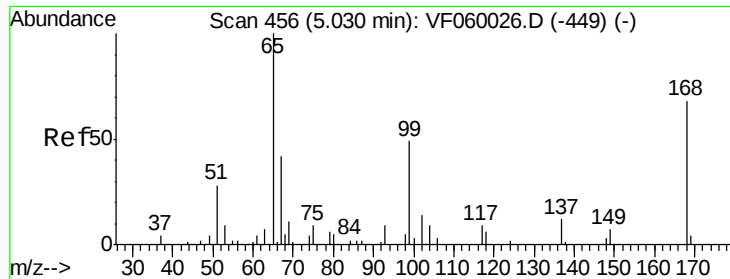
58 15.4 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

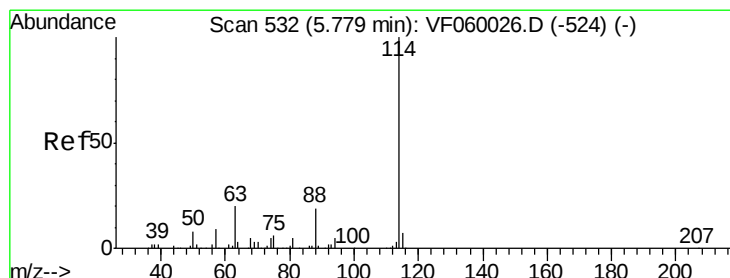
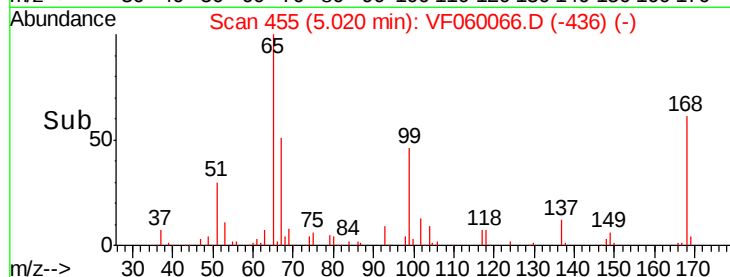
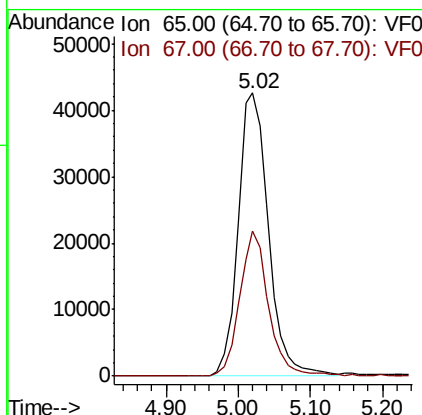
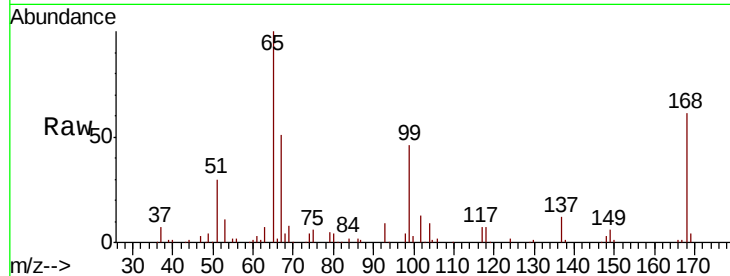




#33
 1,2-Dichloroethane-d4
 Concen: 51.50 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VF060066.D
 Acq: 23 Aug 2018 21:15

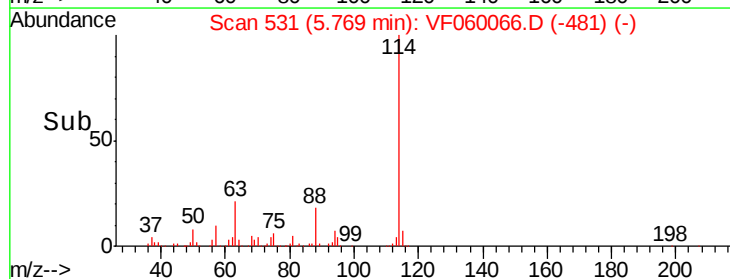
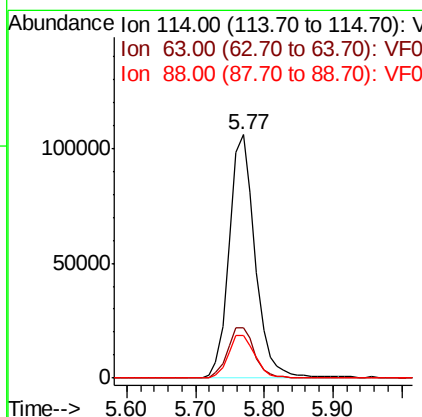
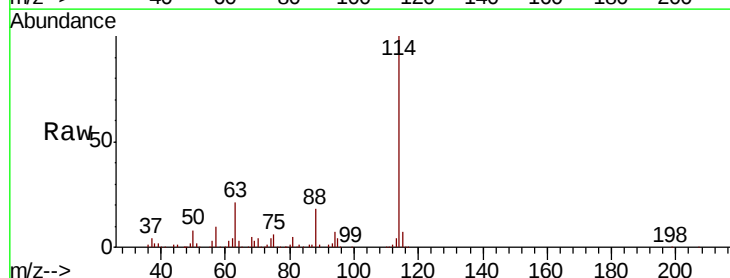
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-B3

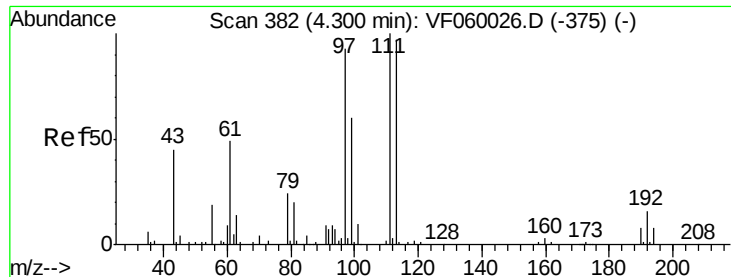
Tot Ion: 65 Resp: 125120
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF060066.D
 Acq: 23 Aug 2018 21:15

Tgt Ion: 114 Resp: 277048
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.4
 88 17.8 0.0 38.6

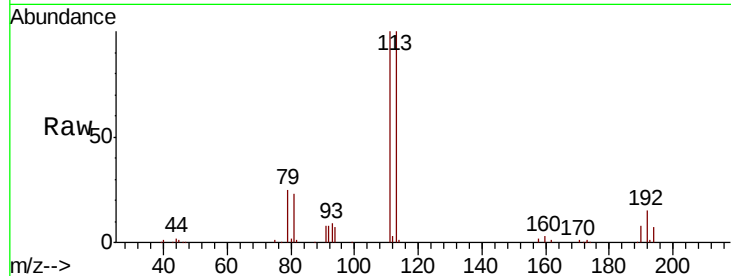




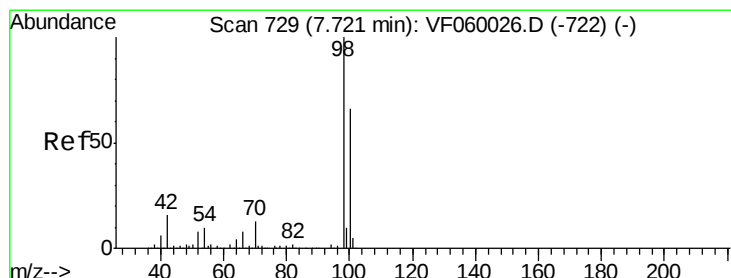
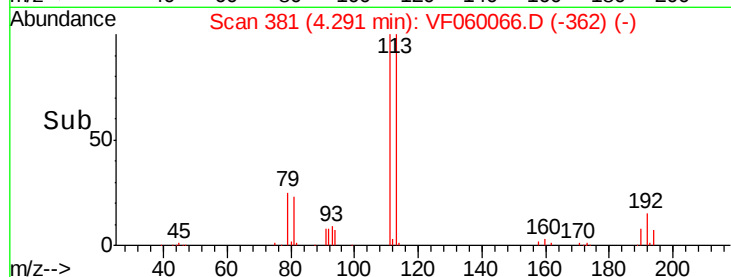
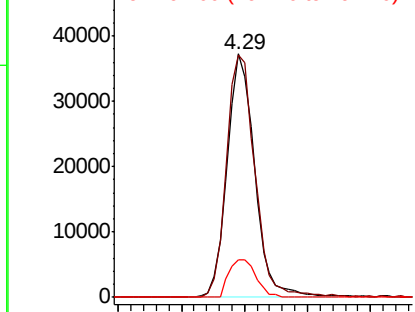
#35
Dibromofluoromethane
Concen: 51.74 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF060066.D
Acq: 23 Aug 2018 21:15

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-B3

Tot Ion:113 Resp: 112551
Ion Ratio Lower Upper
113 100
111 99.6 82.7 124.1
192 15.6 13.0 19.4

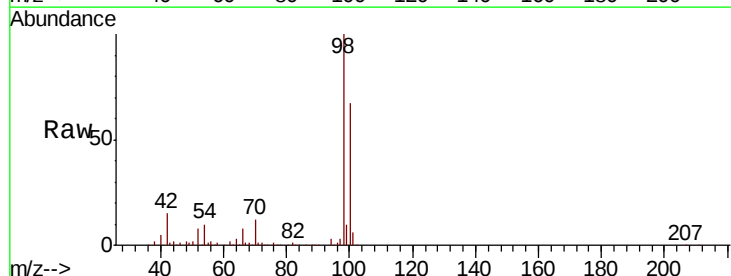


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

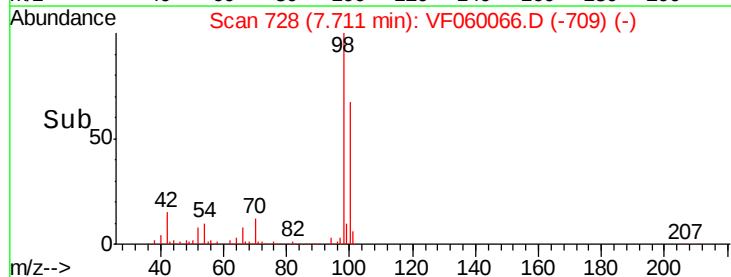
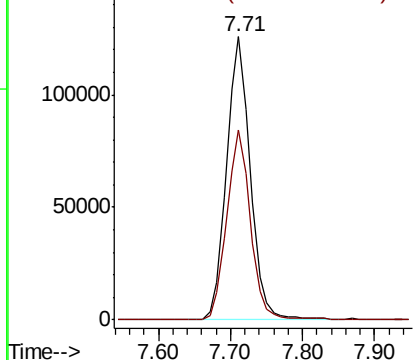


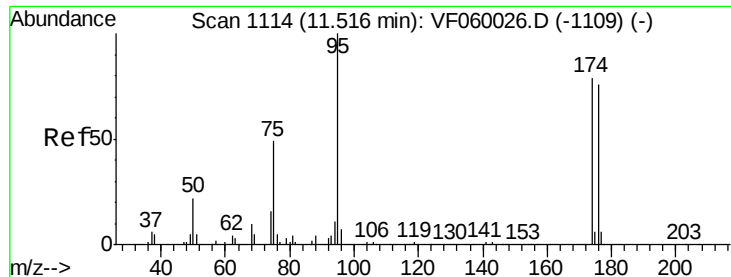
#50
Toluene-d8
Concen: 46.72 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060066.D
Acq: 23 Aug 2018 21:15

Tgt Ion: 98 Resp: 288662
Ion Ratio Lower Upper
98 100
100 66.9 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF

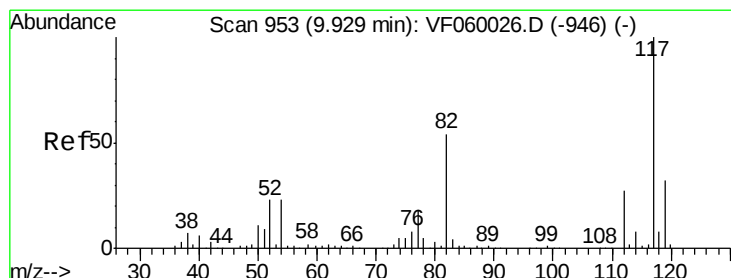
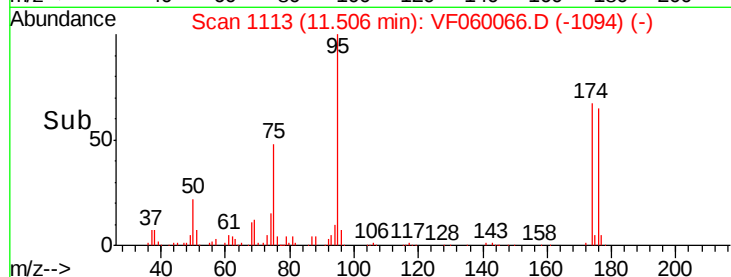
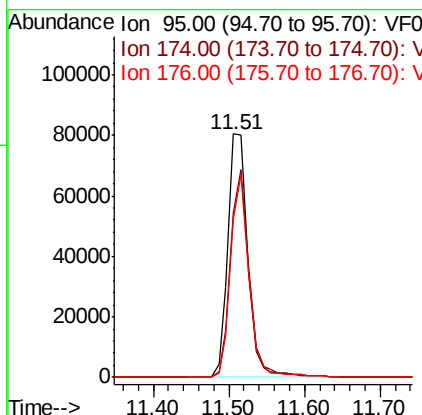
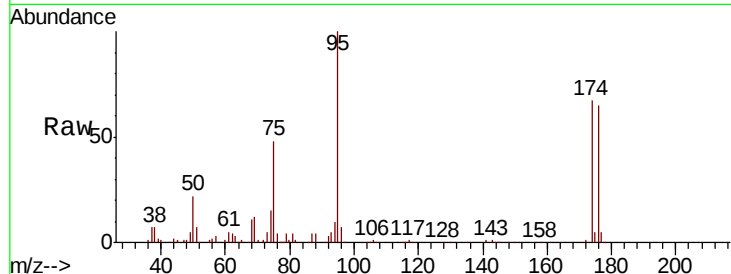




#62
4-Bromofluorobenzene
Concen: 45.19 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060066.D
Acq: 23 Aug 2018 21:15

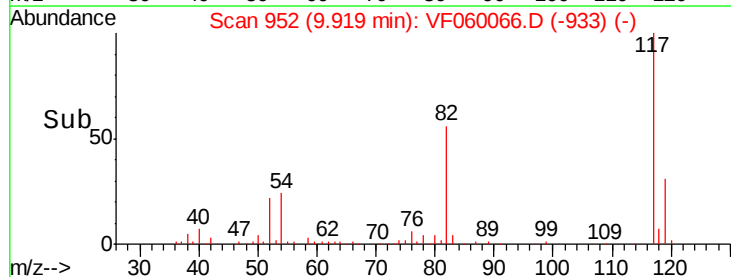
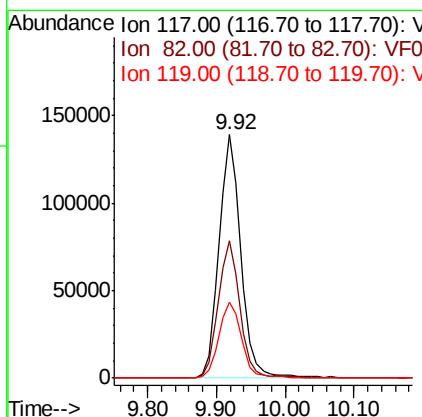
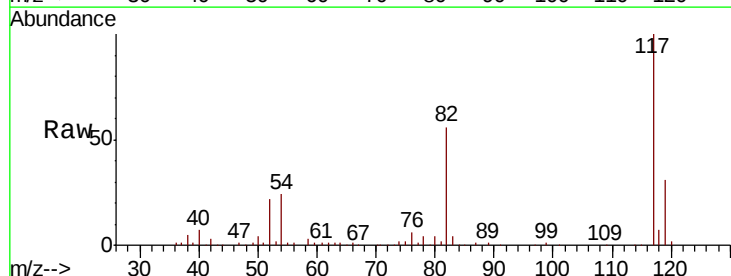
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-B3

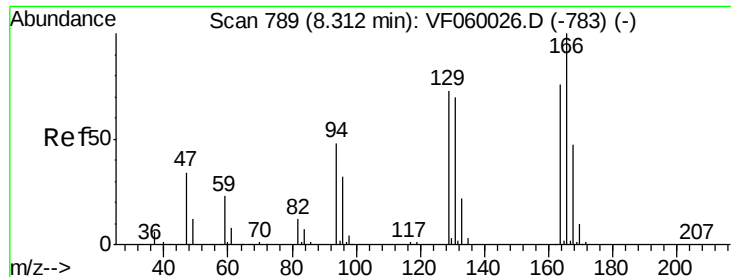
Tot Ion: 95 Resp: 147706
Ion Ratio Lower Upper
95 100
174 67.3 0.0 158.4
176 64.8 0.0 153.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060066.D
Acq: 23 Aug 2018 21:15

Tgt Ion: 117 Resp: 306437
Ion Ratio Lower Upper
117 100
82 56.5 43.6 65.4
119 31.4 25.6 38.4

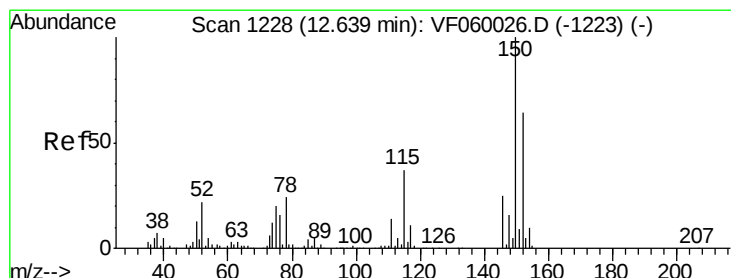
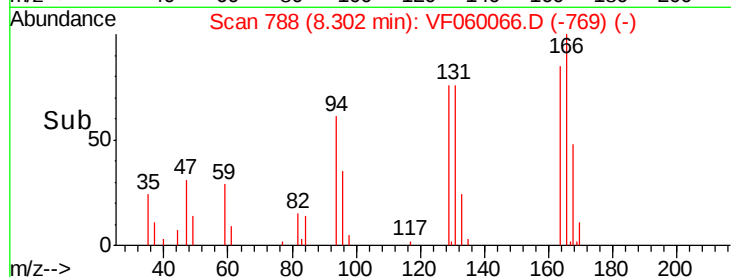
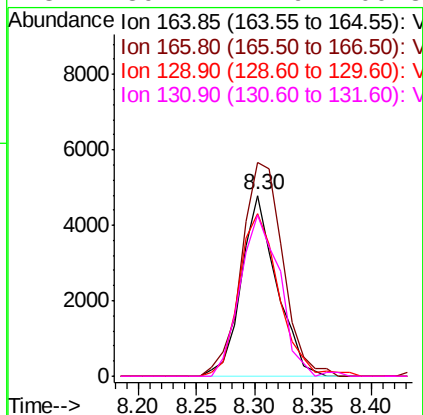
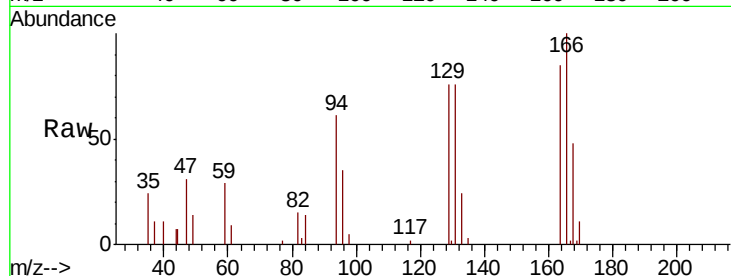




#64
Tetrachloroethene
Concen: 4.87 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.01 min
Lab File: VF060066.D
Acq: 23 Aug 2018 21:15

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-B3

Tot Ion:164 Resp: 10058
Ion Ratio Lower Upper
164 100
166 118.3 104.7 157.1
129 89.9 77.0 115.4
131 89.4 72.9 109.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060066.D
Acq: 23 Aug 2018 21:15

Tgt Ion:152 Resp: 175138
Ion Ratio Lower Upper
152 100
115 62.6 28.6 85.9
150 163.4 0.0 312.0

