

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF082418\
 Data File : VF060099.D
 Acq On : 24 Aug 2018 14:52
 Operator : VA/AP
 Sample : J4581-02
 Misc : 5.74g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-A2

Quant Time: Sep 04 14:32:20 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	182720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	276066	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	311403	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	183074	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	120276	48.10	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	96.20%	
35) Dibromofluoromethane	4.28	113	113697	52.45	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	104.90%	
50) Toluene-d8	7.71	98	284169	46.16	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	92.32%	
62) 4-Bromofluorobenzene	11.51	95	157690	48.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.84%	

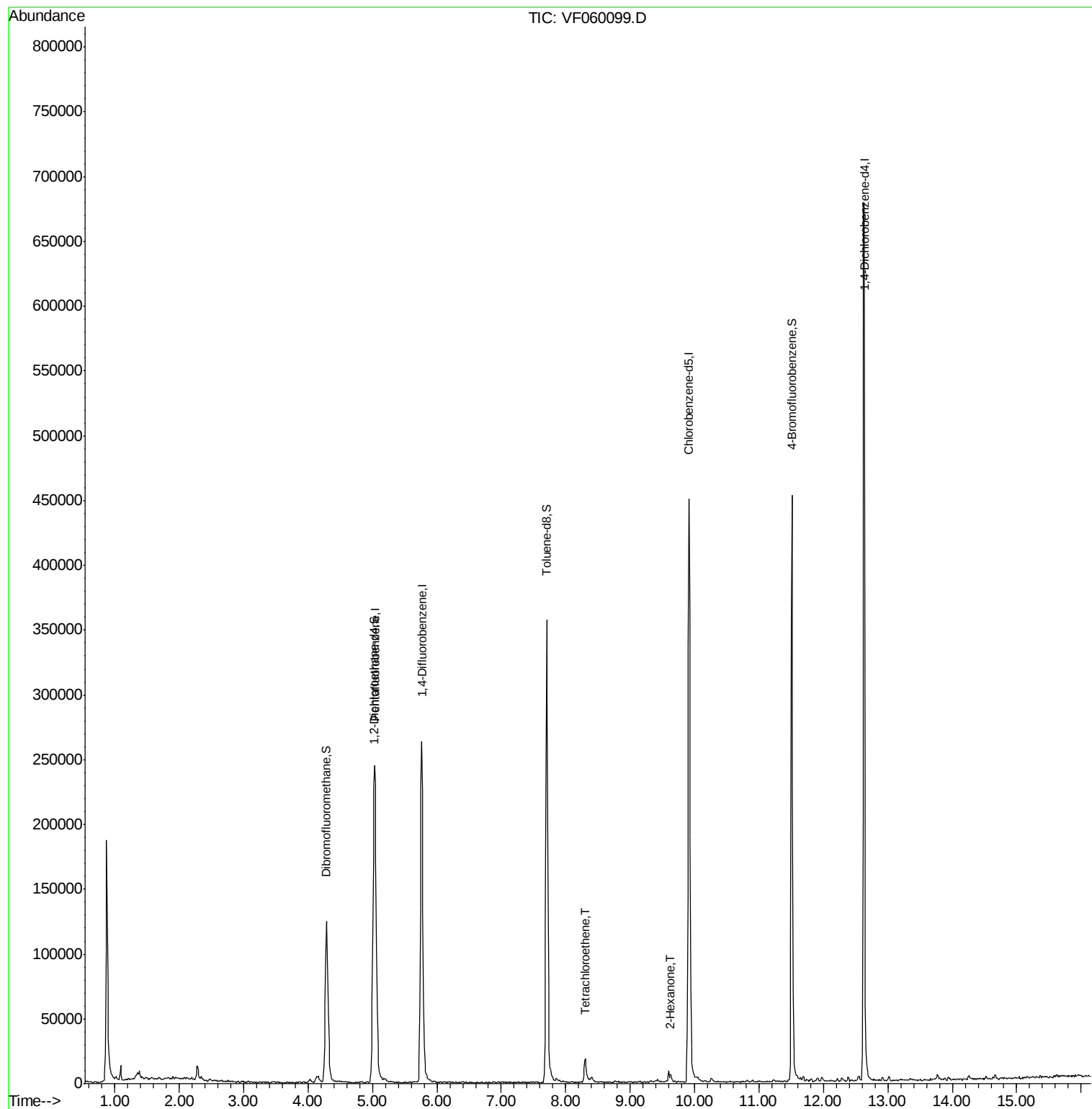
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
59) 2-Hexanone	9.62	43	5560	4.07	ug/l	80
64) Tetrachloroethene	8.31	164	5185	2.47	ug/l	# 86

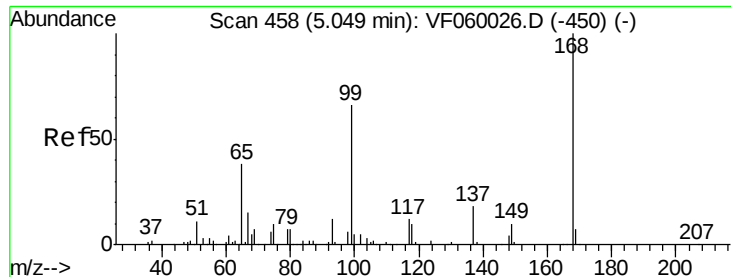
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF060099.D

Acq: 24 Aug 2018 14:52

Instrument :

MSVOA_F

ClientSampleId :

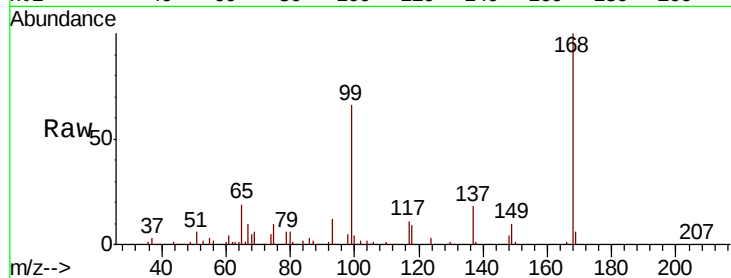
EP1-Q3-A2

Tot Ion:168 Resp: 182720

Ion Ratio Lower Upper

168 100

99 65.8 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

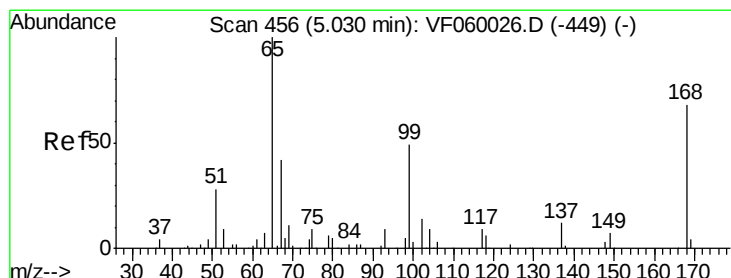
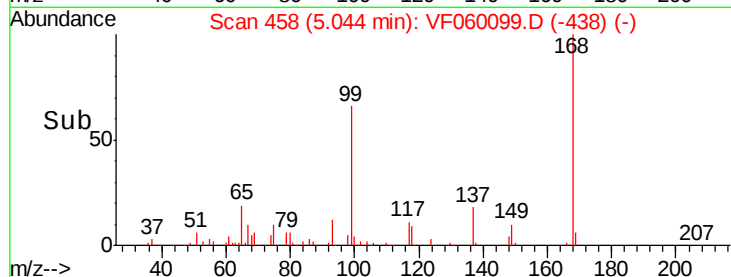
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 48.10 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.02 min

Lab File: VF060099.D

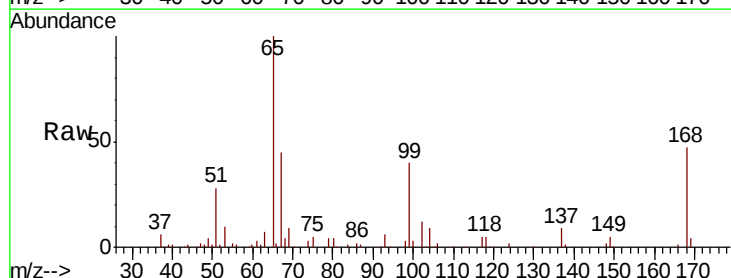
Acq: 24 Aug 2018 14:52

Tgt Ion: 65 Resp: 120276

Ion Ratio Lower Upper

65 100

67 44.8 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

50000

40000

30000

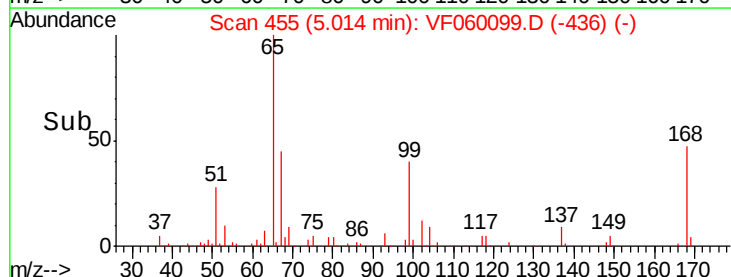
20000

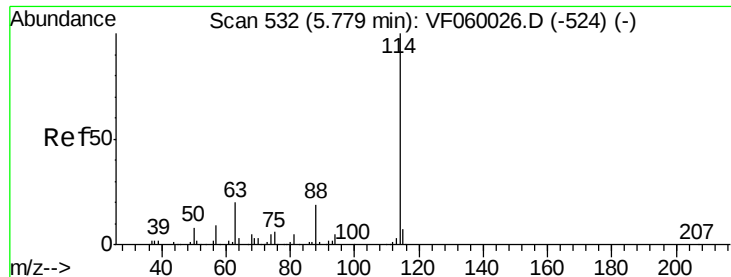
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF060099.D

Acq: 24 Aug 2018 14:52

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-A2

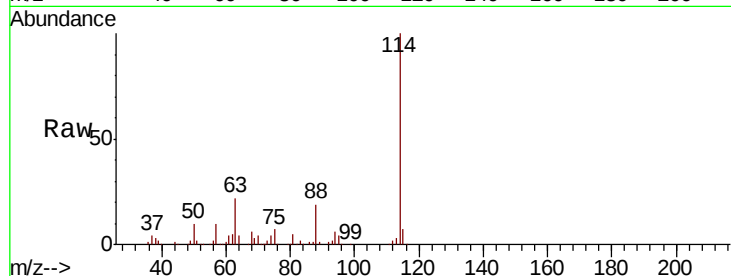
Tot Ion:114 Resp: 276066

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.4

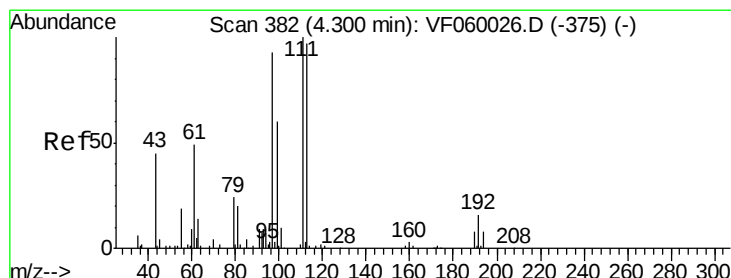
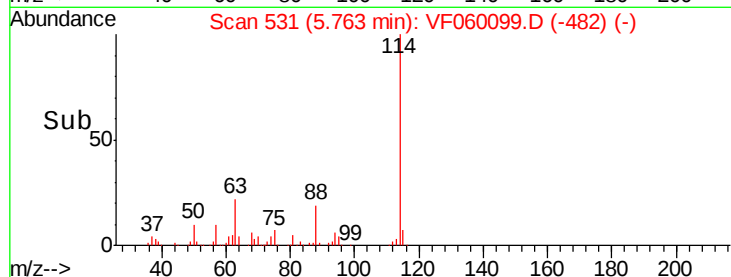
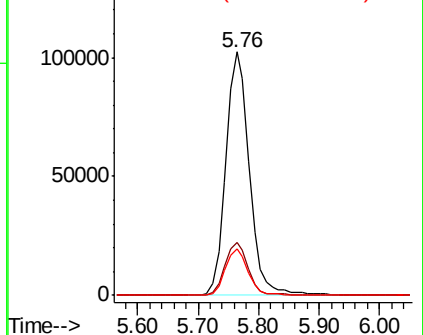
88 19.3 0.0 38.6



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: 52.45 ug/l

RT: 4.28 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF060099.D

Acq: 24 Aug 2018 14:52

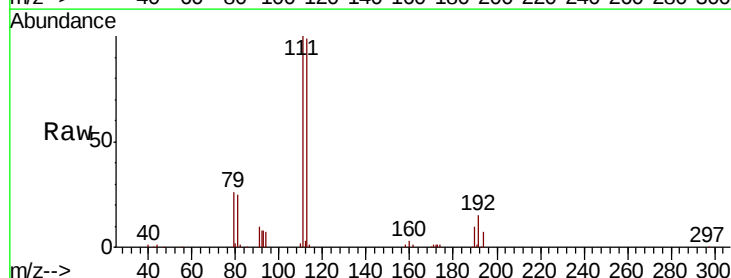
Tgt Ion:113 Resp: 113697

Ion Ratio Lower Upper

113 100

111 101.5 82.7 124.1

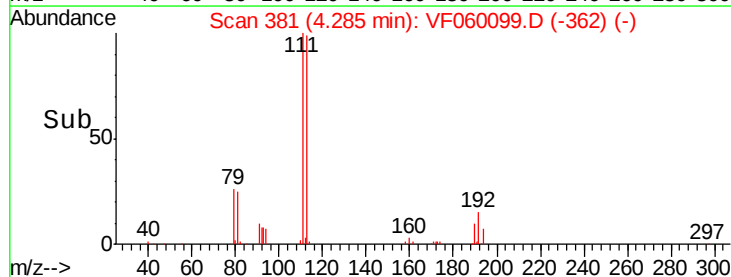
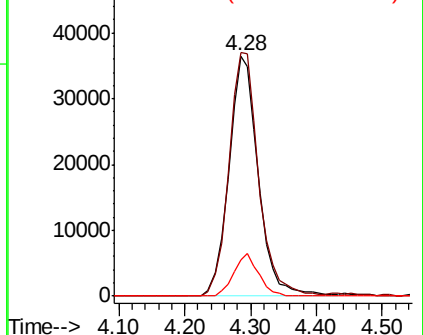
192 15.3 13.0 19.4

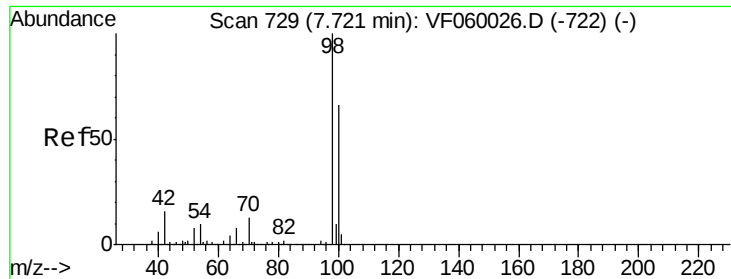


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

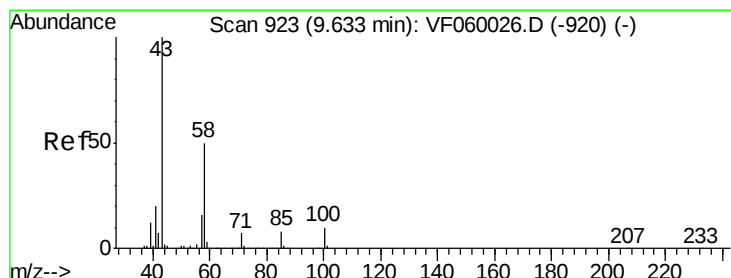
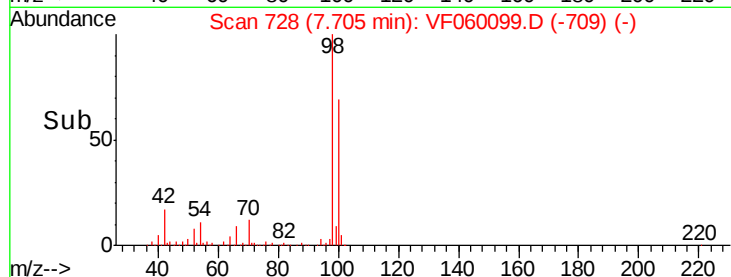
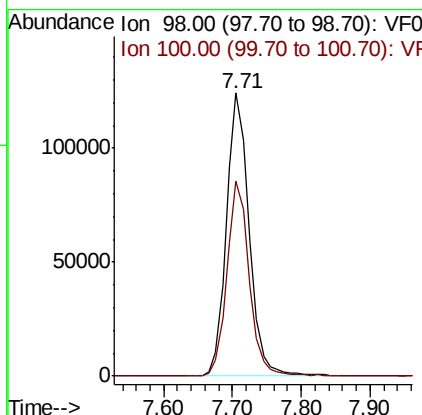
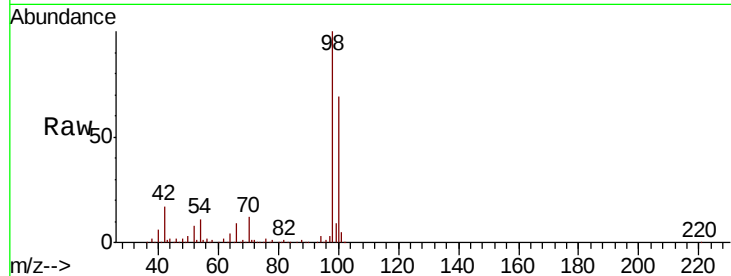




#50
Toluene-d8
Concen: 46.16 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

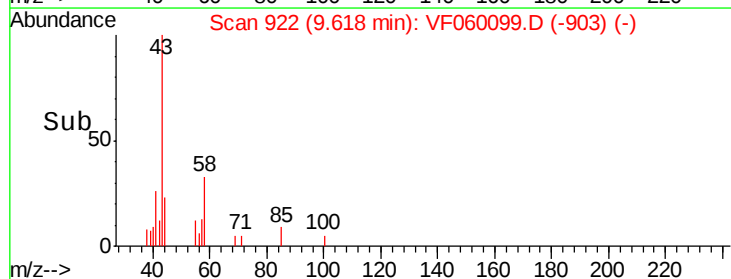
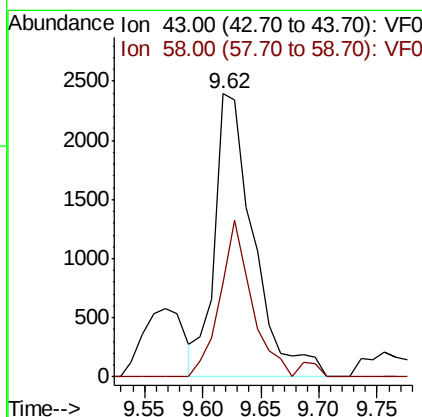
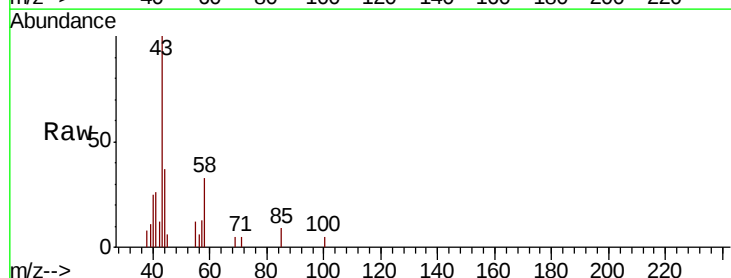
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

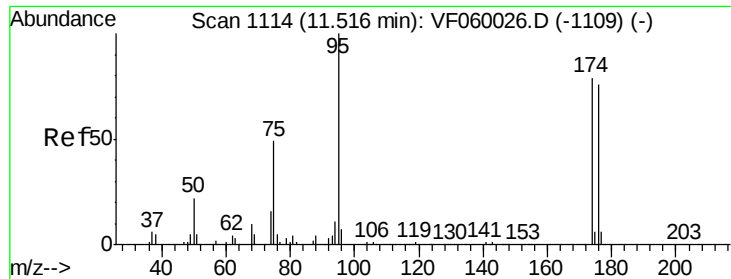
Tot Ion: 98 Resp: 284169
Ion Ratio Lower Upper
98 100
100 69.1 53.2 79.8



#59
2-Hexanone
Concen: 4.07 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.02 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion: 43 Resp: 5560
Ion Ratio Lower Upper
43 100
58 33.3 23.4 70.2

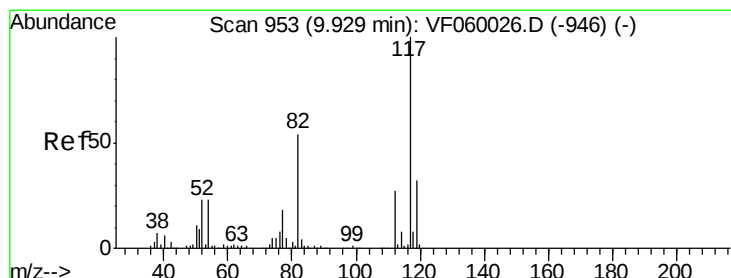
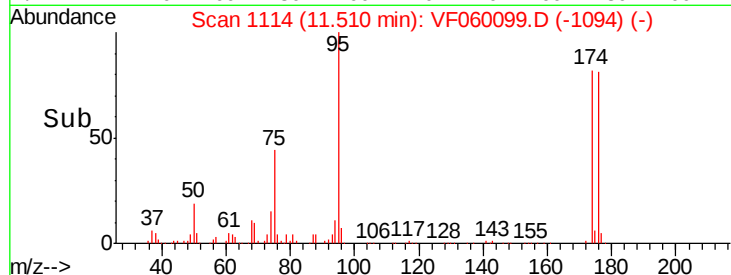
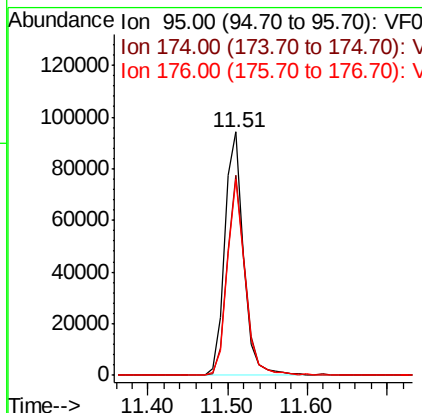
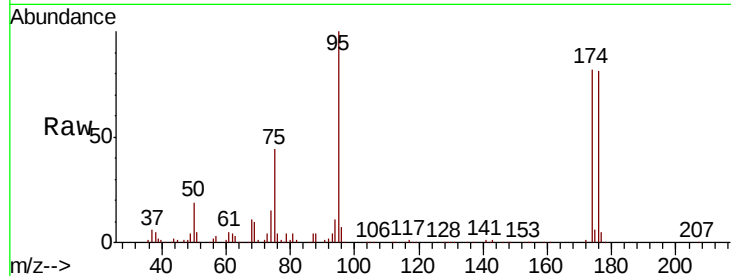




#62
4-Bromofluorobenzene
Concen: 48.42 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

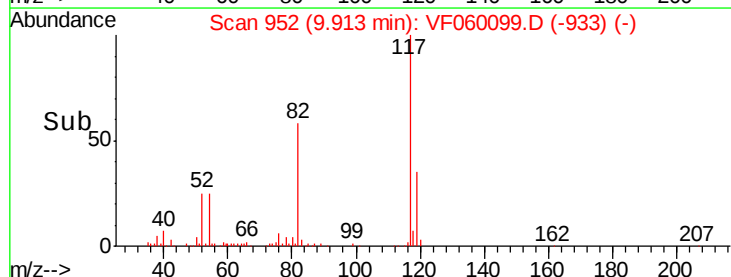
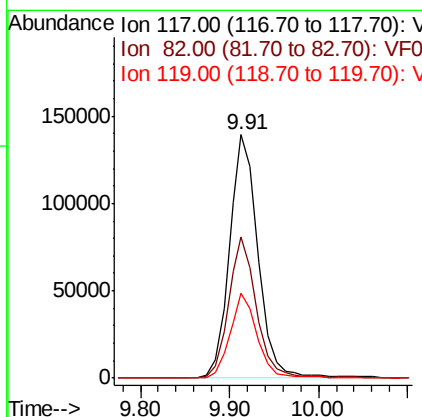
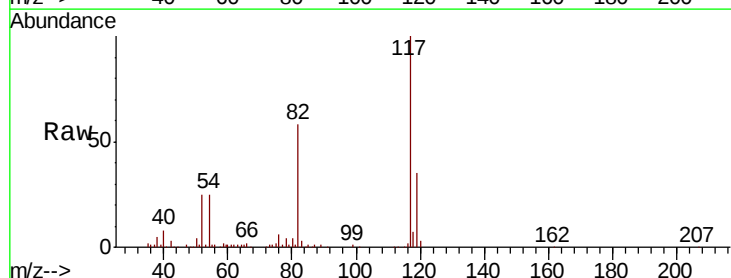
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

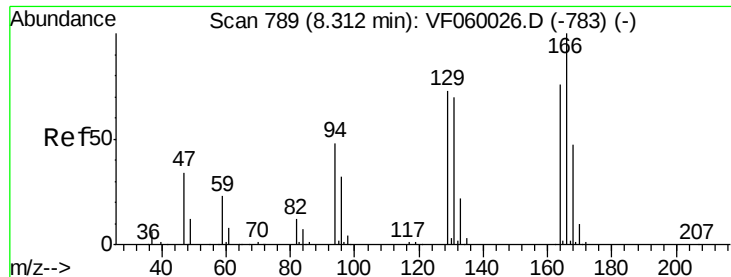
Tot Ion: 95 Resp: 157690
Ion Ratio Lower Upper
95 100
174 82.1 0.0 158.4
176 80.7 0.0 153.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion: 117 Resp: 311403
Ion Ratio Lower Upper
117 100
82 58.0 43.6 65.4
119 35.0 25.6 38.4

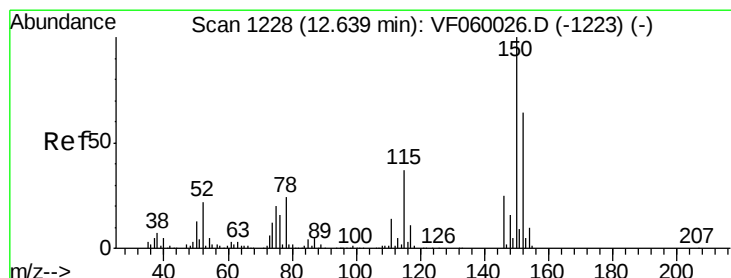
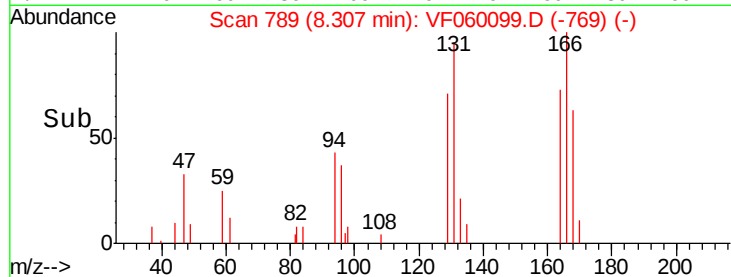
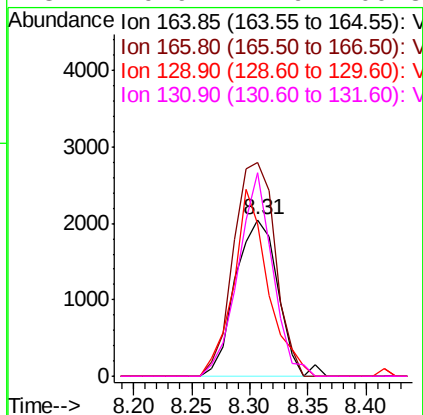
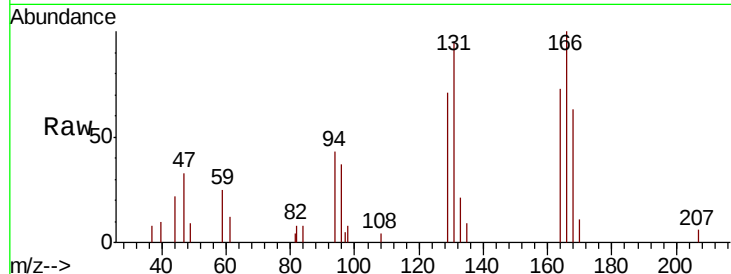




#64
Tetrachloroethene
Concen: 2.47 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

Tot Ion:164 Resp: 5185
Ion Ratio Lower Upper
164 100
166 136.7 104.7 157.1
129 97.1 77.0 115.4
131 129.9 72.9 109.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion:152 Resp: 183074
Ion Ratio Lower Upper
152 100
115 55.6 28.6 85.9
150 152.0 0.0 312.0

