

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060059.D
 Acq On : 23 Aug 2018 18:01
 Operator : VA/AP
 Sample : J4581-01
 Misc : 6.13g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-A1

Quant Time: Aug 24 03:52:15 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

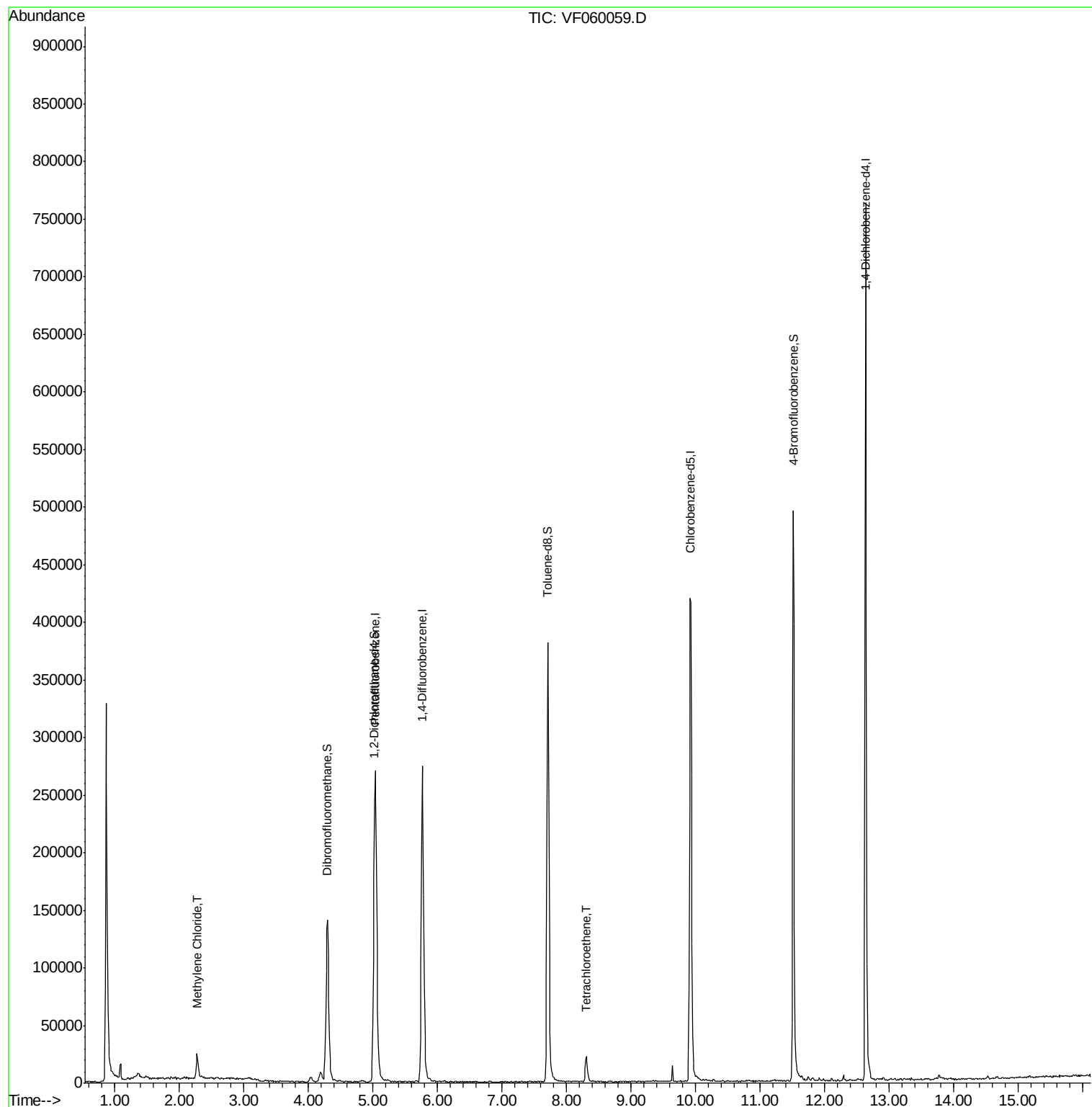
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	183817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	286548	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	317018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	183116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	137070	54.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	4.30	113	124038	55.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.26%	
50) Toluene-d8	7.71	98	327814	51.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.51	95	175361	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
Target Compounds						
20) Methylene Chloride	2.27	84	8368	1.45	ug/l	93
64) Tetrachloroethene	8.31	164	6373	2.98	ug/l #	87

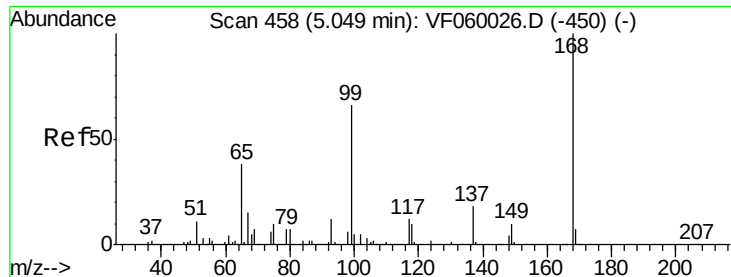
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.00 min

Lab File: VF060059.D

Acq: 23 Aug 2018 18:01

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MSVOA_F

ClientSampleId :

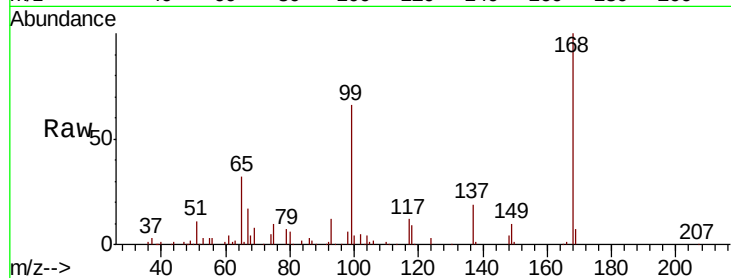
EP1-Q3-A1

Tot Ion:168 Resp: 183817

Ion Ratio Lower Upper

168 100

99 66.3 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

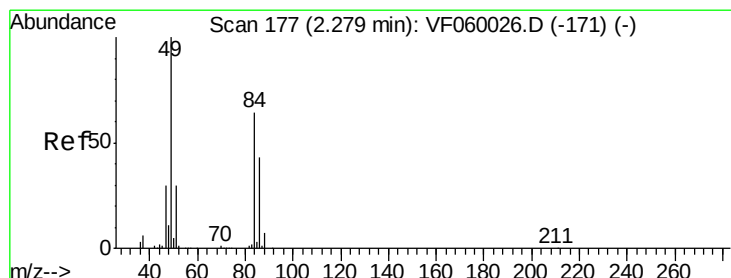
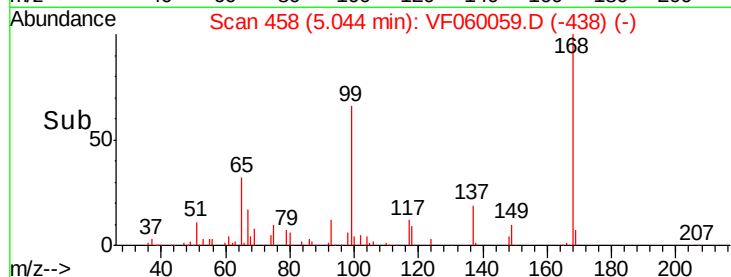
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#20

Methylene Chloride

Concen: 1.45 ug/l

RT: 2.27 min Scan# 177

Delta R.T. -0.00 min

Lab File: VF060059.D

Acq: 23 Aug 2018 18:01

Tgt Ion: 84 Resp: 8368

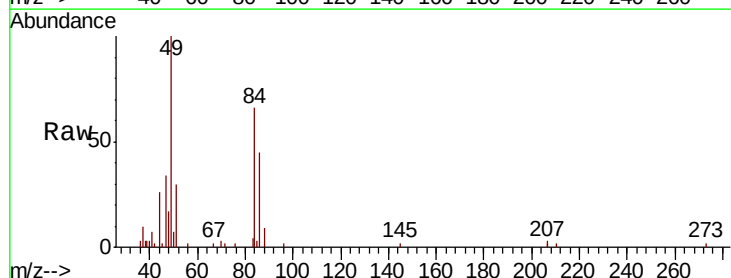
Ion Ratio Lower Upper

84 100

49 144.9 125.4 188.0

51 44.2 38.3 57.5

86 65.2 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

10000

8000

6000

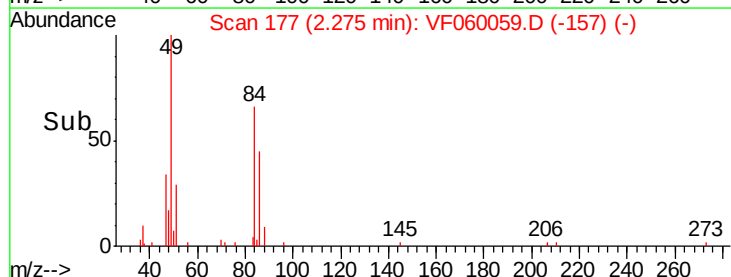
4000

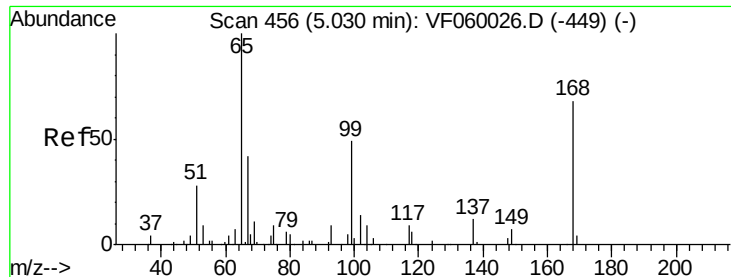
2000

0

Time-->

2.20 2.25 2.30 2.35





#33

1,2-Dichloroethane-d4

Concen: 54.48 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF060059.D

Acq: 23 Aug 2018 18:01

Instrument :

MSVOA_F

ClientSampleId :

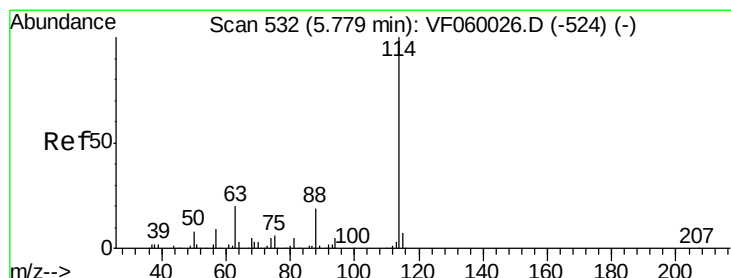
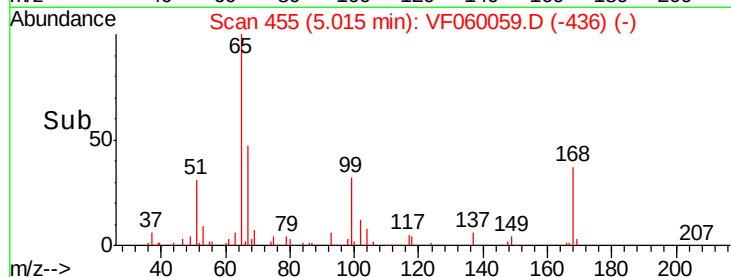
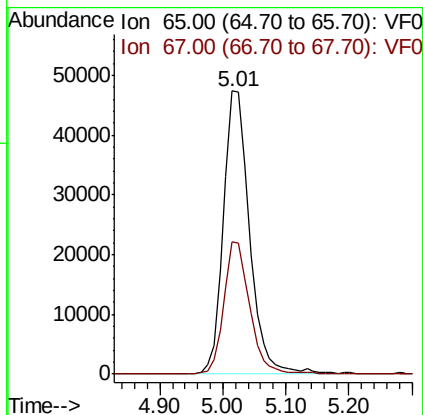
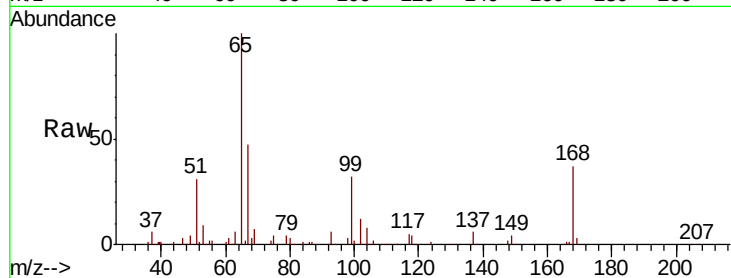
EP1-Q3-A1

Tot Ion: 65 Resp: 137070

Ion Ratio Lower Upper

65 100

67 46.6 0.0 92.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF060059.D

Acq: 23 Aug 2018 18:01

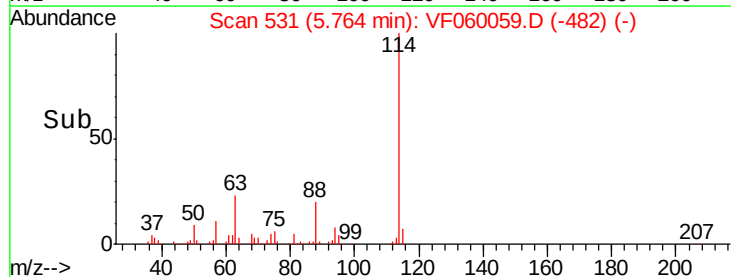
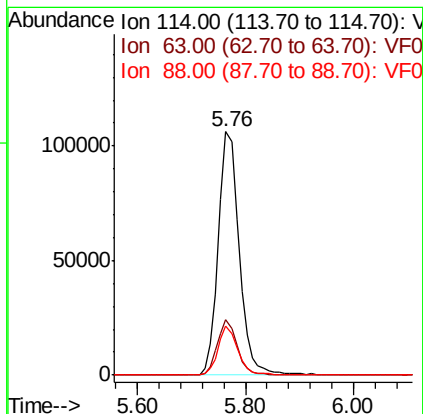
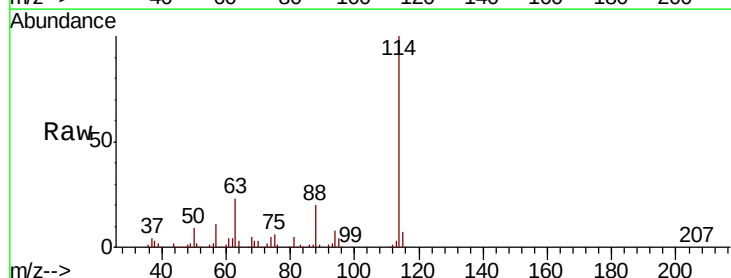
Tgt Ion: 114 Resp: 286548

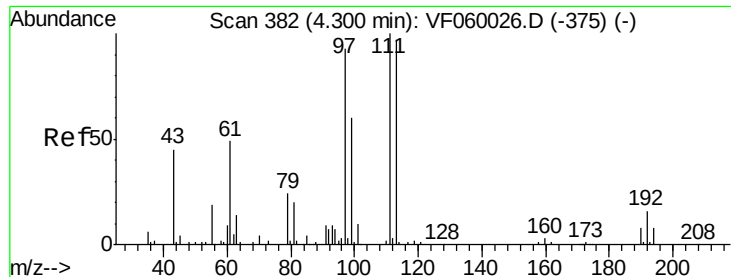
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.4

88 20.2 0.0 38.6

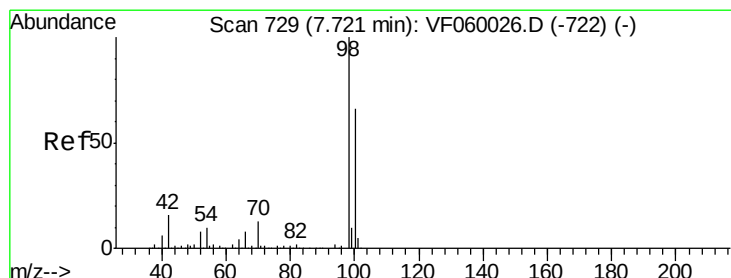
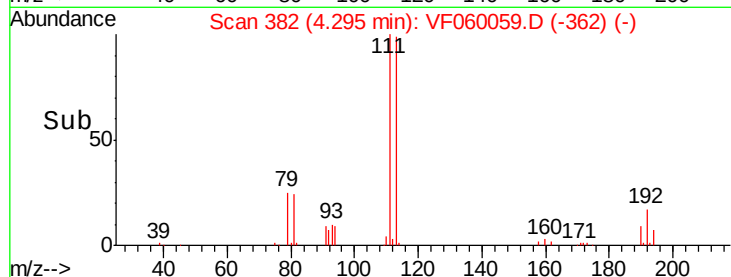
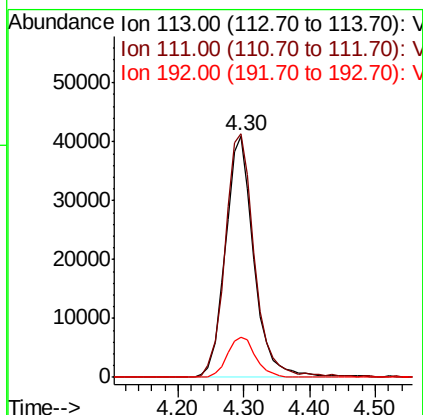
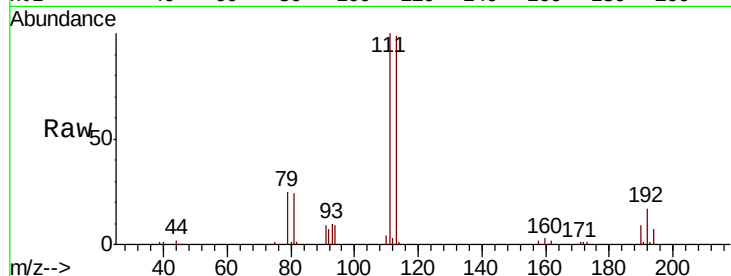




#35
 Dibromofluoromethane
 Concen: 55.13 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VF060059.D
 Acq: 23 Aug 2018 18:01

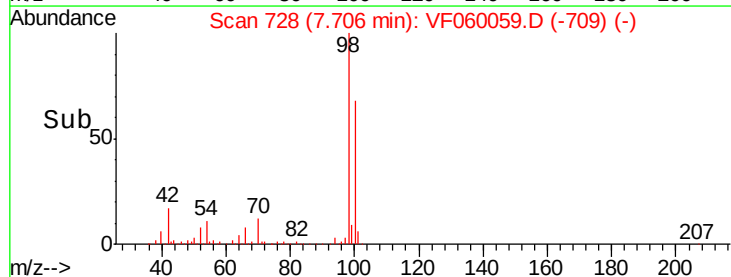
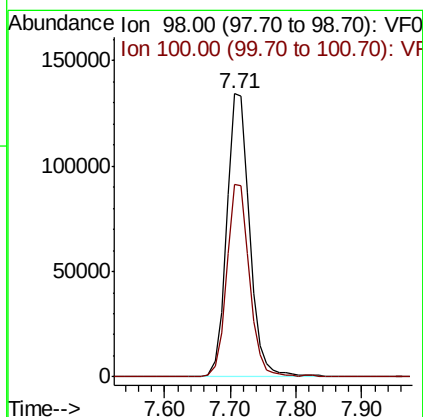
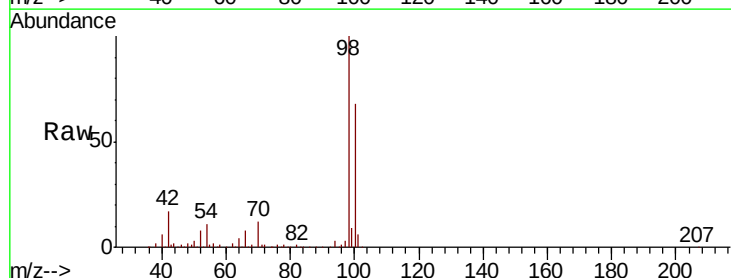
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-A1

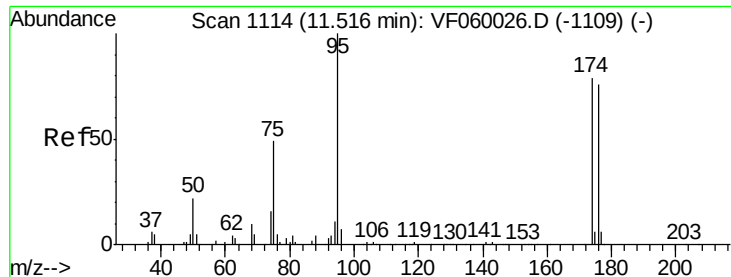
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.7	124.1
192	16.9	13.0	19.4



#50
 Toluene-d8
 Concen: 51.30 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VF060059.D
 Acq: 23 Aug 2018 18:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.2	79.8





#62

4-Bromofluorobenzene

Concen: 51.87 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF060059.D

Acq: 23 Aug 2018 18:01

Instrument :

MSVOA_F

ClientSampled :

EP1-Q3-A1

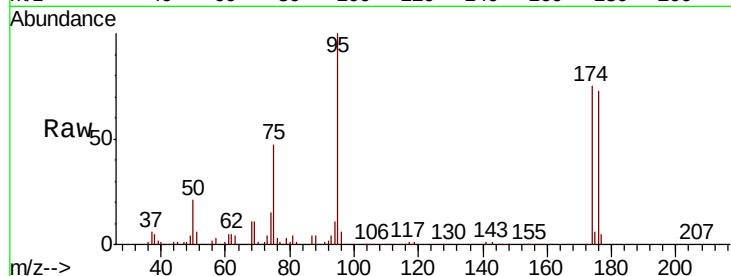
Tot Ion: 95 Resp: 175361

Ion Ratio Lower Upper

95 100

174 74.6 0.0 158.4

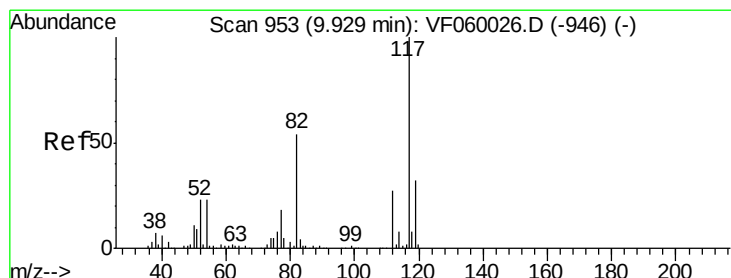
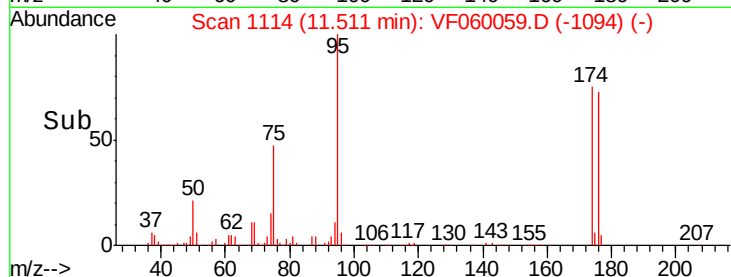
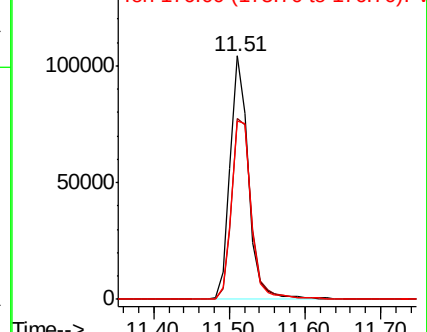
176 73.0 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 953

Delta R.T. -0.00 min

Lab File: VF060059.D

Acq: 23 Aug 2018 18:01

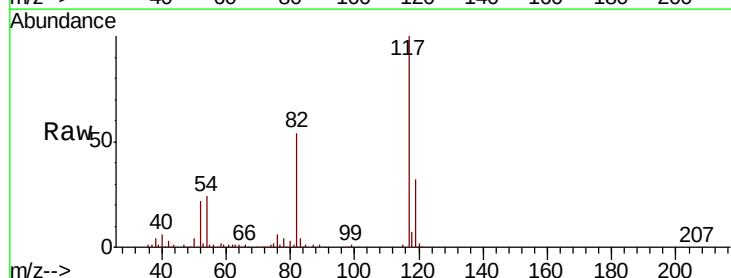
Tgt Ion: 117 Resp: 317018

Ion Ratio Lower Upper

117 100

82 54.4 43.6 65.4

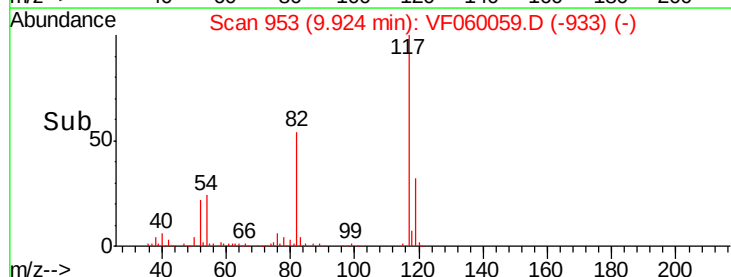
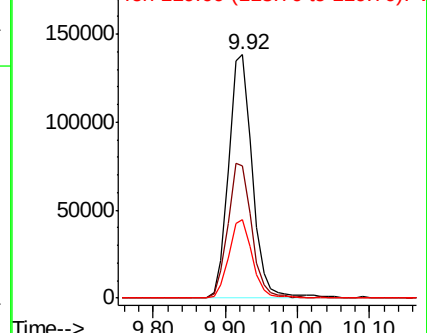
119 32.5 25.6 38.4

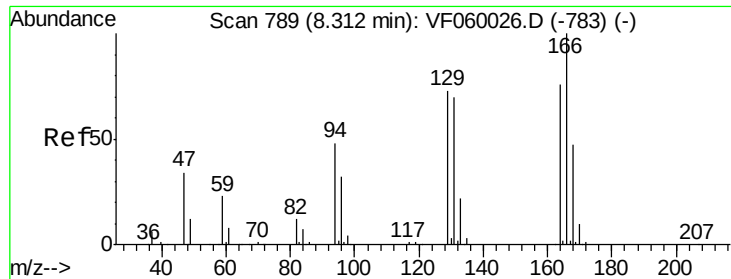


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

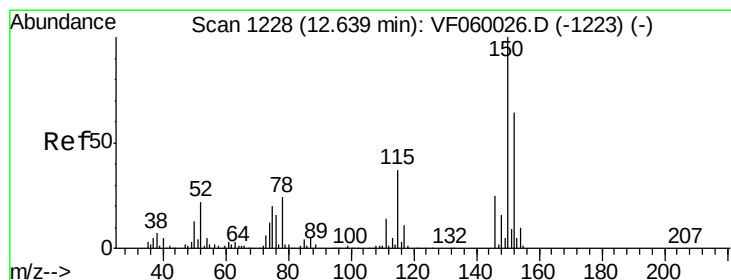
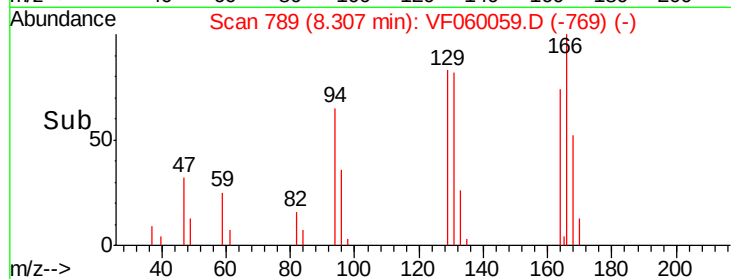
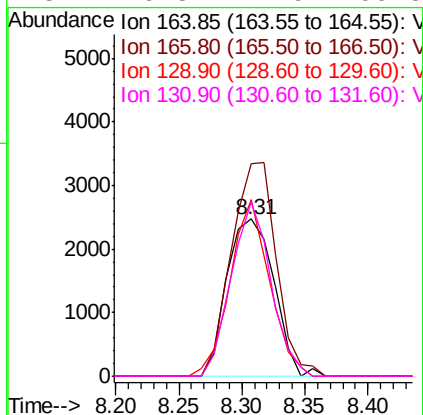
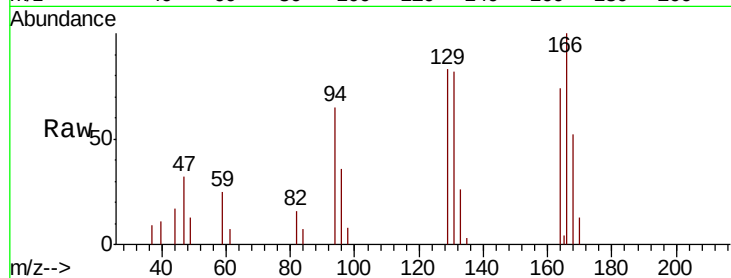




#64
Tetrachloroethene
Concen: 2.98 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VF060059.D
Acq: 23 Aug 2018 18:01

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A1

Tot Ion:164 Resp: 6373
Ion Ratio Lower Upper
164 100
166 135.8 104.7 157.1
129 112.6 77.0 115.4
131 110.8 72.9 109.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF060059.D
Acq: 23 Aug 2018 18:01

Tgt Ion:152 Resp: 183116
Ion Ratio Lower Upper
152 100
115 62.5 28.6 85.9
150 158.5 0.0 312.0

