

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
 Data File : VF059298.D
 Acq On : 23 Jun 2018 2:34
 Operator : VA/AP
 Sample : J3605-08
 Misc : 6.41g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-6(8-8.5)

Manual Integrations
 APPROVED

apatel
 6/24/2018 11:35:25 AM

Quant Time: Jun 23 05:20:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	160073	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	245496	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	251188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	156403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	116184	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	4.28	113	102397	49.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	7.70	98	231517	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
62) 4-Bromofluorobenzene	11.51	95	132882	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
20) Methylene Chloride	2.27	84	12983m	10.29	ug/l	Qvalue
64) Tetrachloroethene	8.30	164	4820	2.50	ug/l	93

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

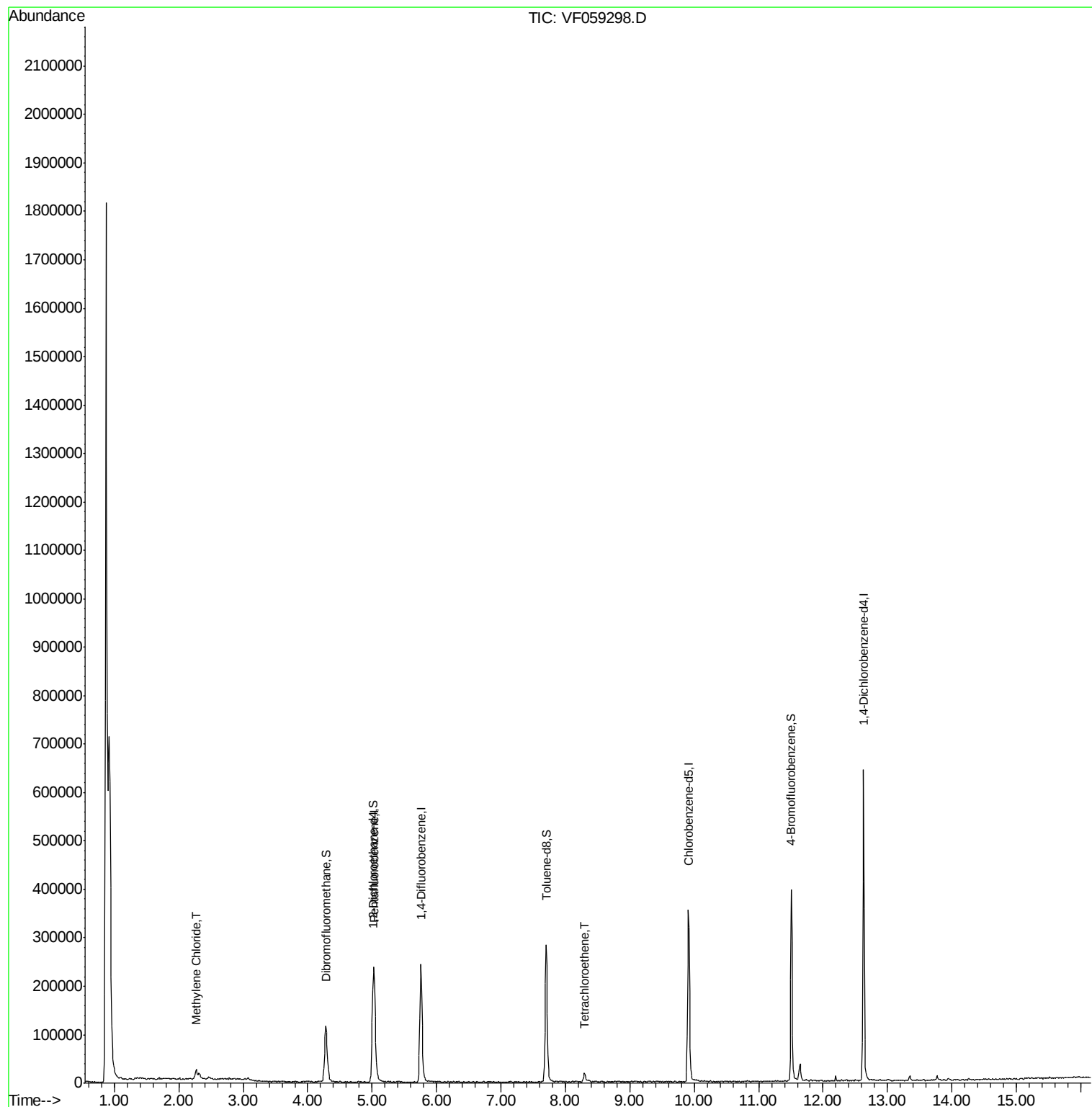
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062218\
Data File : VF059298.D
Acq On : 23 Jun 2018 2:34
Operator : VA/AP
Sample : J3605-08
Misc : 6.41g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

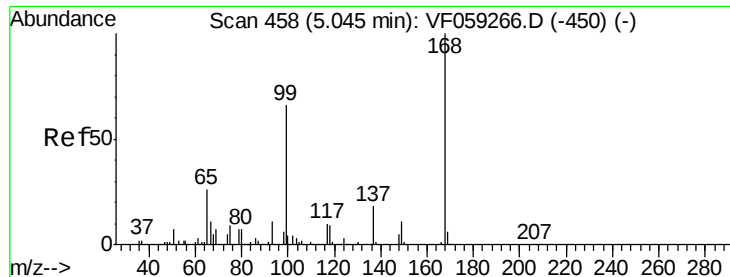
Instrument :
MSVOA_F
ClientSampleId :
S-6(8-8.5)

Manual Integrations
APPROVED

apatel
6/24/2018 11:35:25 AM

Quant Time: Jun 23 05:20:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration





#1

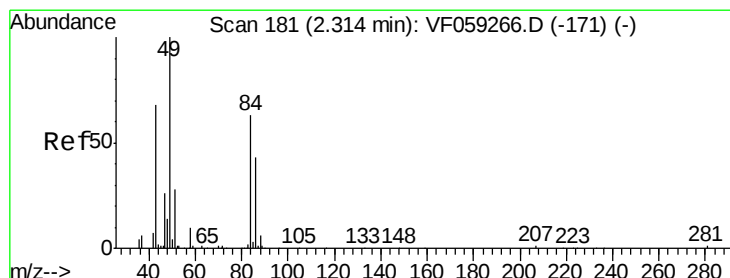
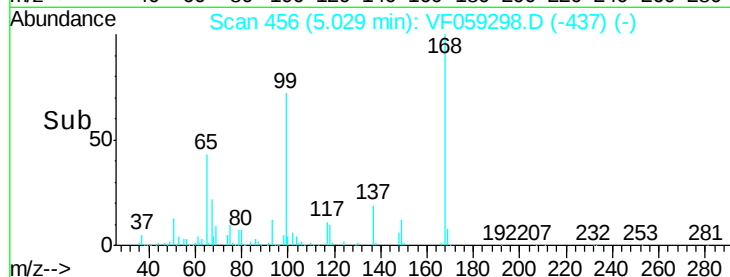
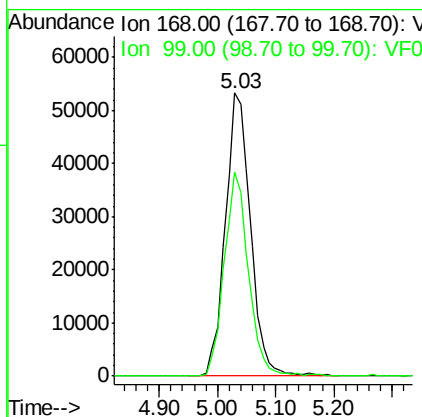
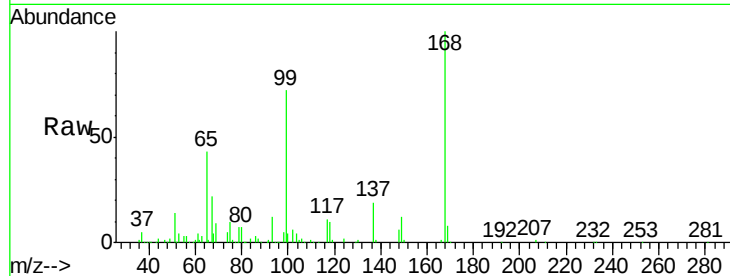
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: VF059298.D
 Acq: 23 Jun 2018 2:34

Instrument :
 MSVOA_F
 ClientSampleId :
 S-6(8-8.5)

Tot Ion	Ratio	Lower	Upper
168	100		
99	72.0	52.6	78.8

Manual Integrations
 APPROVED

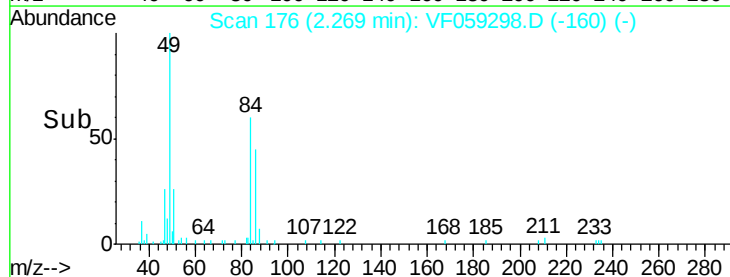
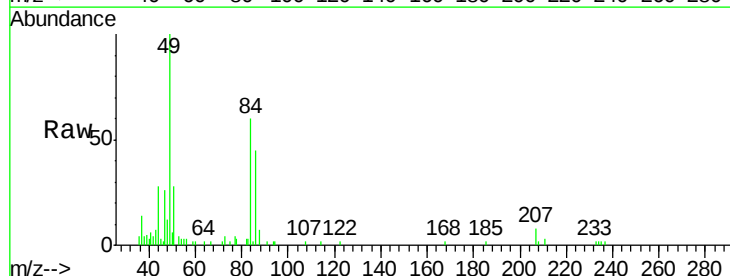
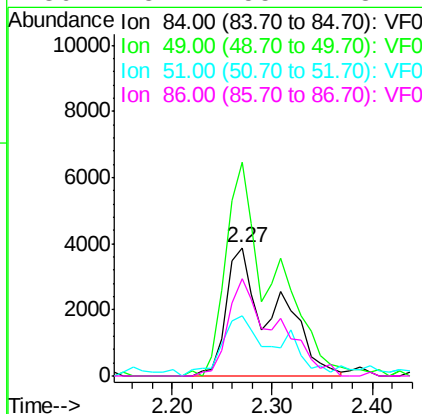
apatel
 6/24/2018 11:35:25 AM

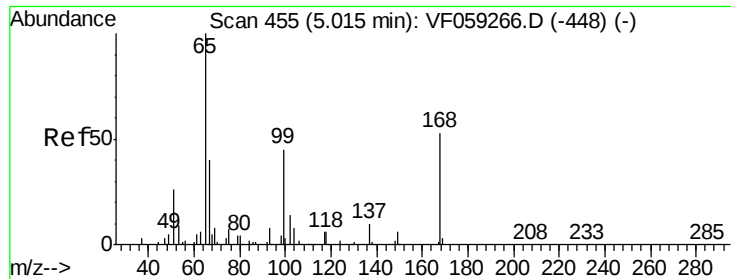


#20

Methylene Chloride
 Concen: 10.29 ug/l m
 RT: 2.27 min Scan# 176
 Delta R.T. -0.04 min
 Lab File: VF059298.D
 Acq: 23 Jun 2018 2:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	166.5	130.0	195.0
51	47.0	36.6	55.0
86	75.4	55.1	82.7





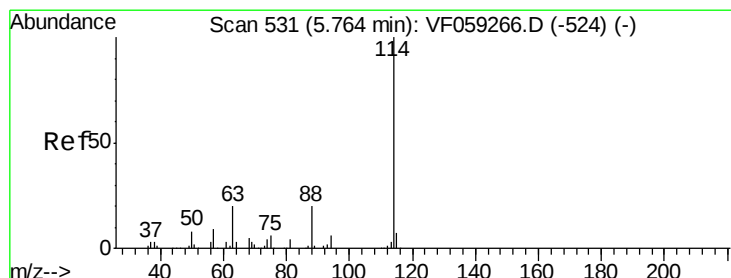
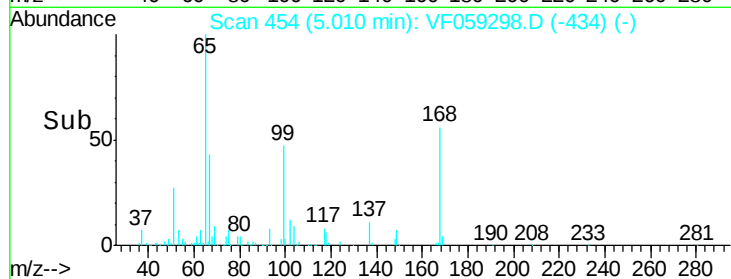
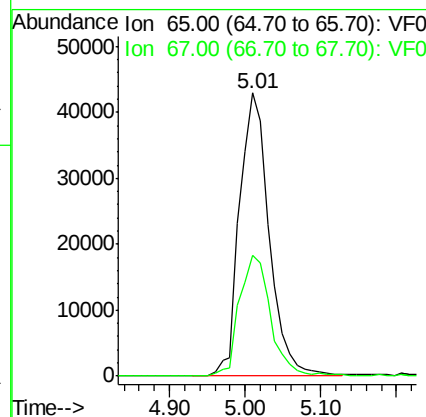
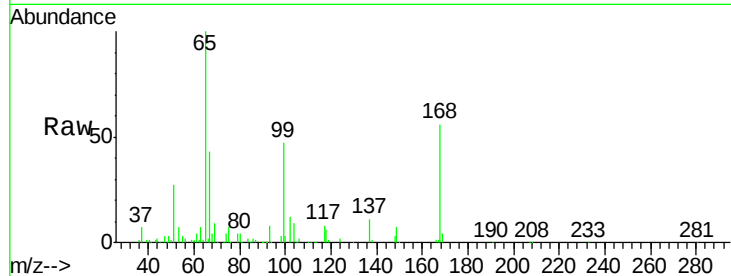
#33
 1,2-Dichloroethane-d4
 Concen: 50.56 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: VF059298.D
 Acq: 23 Jun 2018 2:34

Instrument :
 MSVOA_F
 ClientSampled :
 S-6(8-8.5)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	116184		
67	42.6	0.0	95.8	

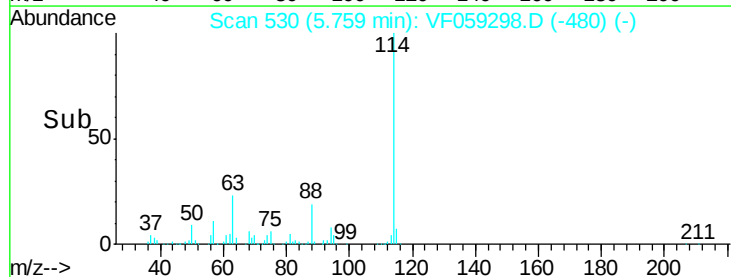
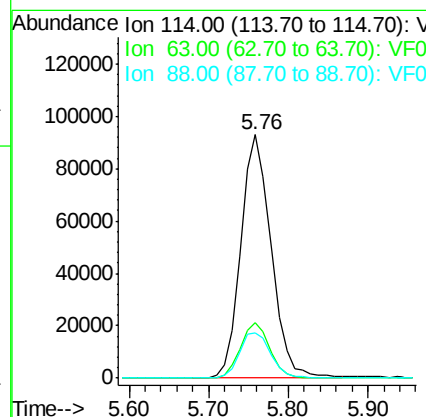
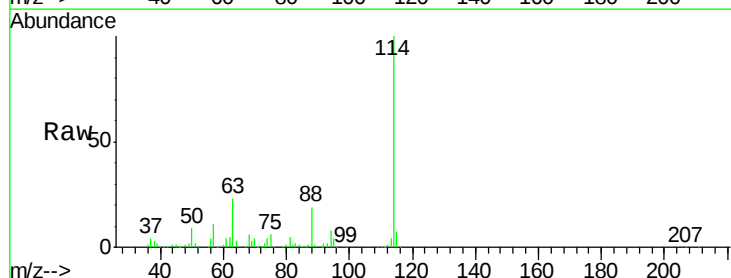
Manual Integrations
 APPROVED

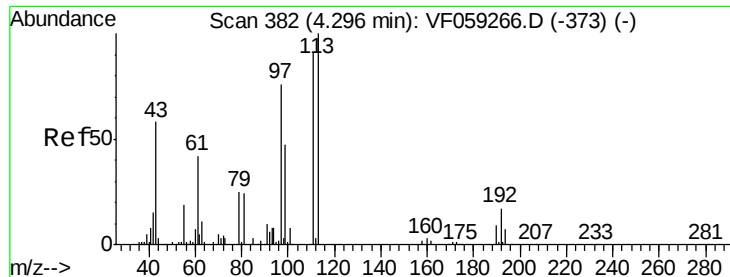
apatel
 6/24/2018 11:35:25 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059298.D
 Acq: 23 Jun 2018 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	245496		
63	22.6	0.0	41.0	
88	18.6	0.0	39.6	





#35

Dibromofluoromethane

Concen: 49.58 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF059298.D

Acq: 23 Jun 2018 2:34

Instrument :

MSVOA_F

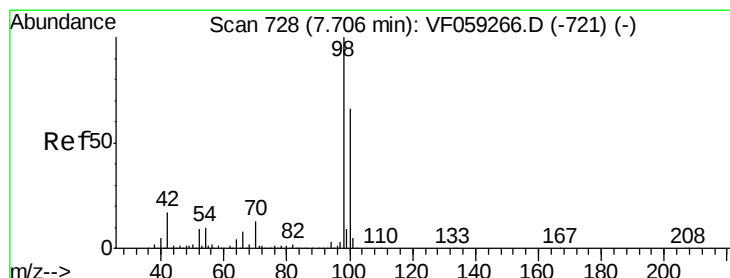
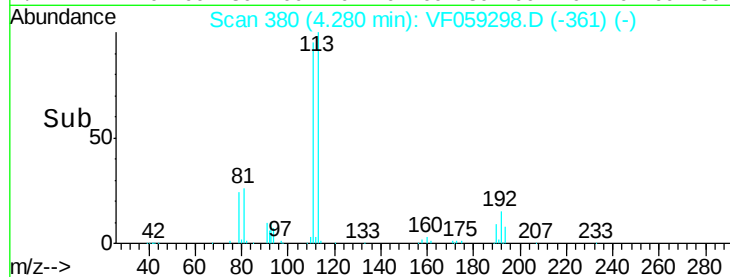
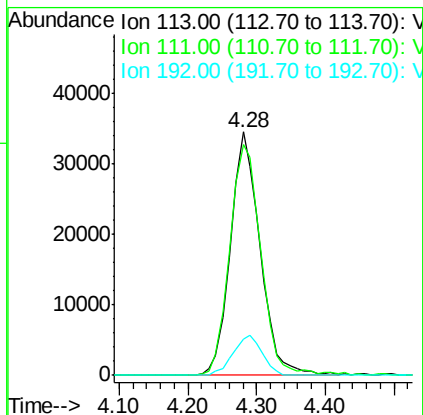
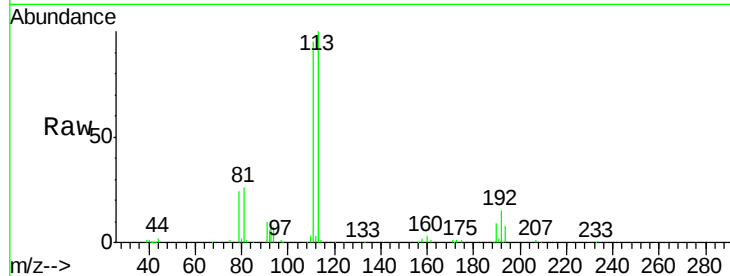
ClientSampleId :

S-6(8-8.5)

Tot Ion:	113	Resp:	102397
Ion Ratio	Lower	Upper	
113	100		
111	94.8	73.1	109.7
192	15.1	13.9	20.9

Manual Integrations
APPROVED

apatel
6/24/2018 11:35:25 AM



#50

Toluene-d8

Concen: 44.07 ug/l

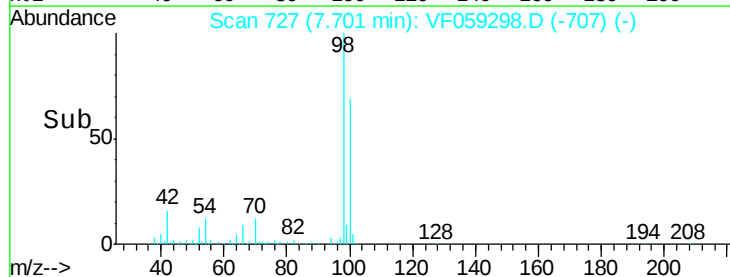
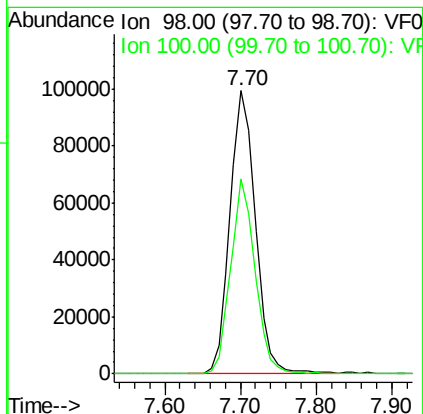
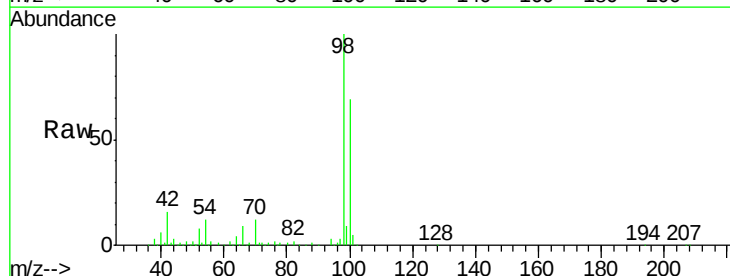
RT: 7.70 min Scan# 727

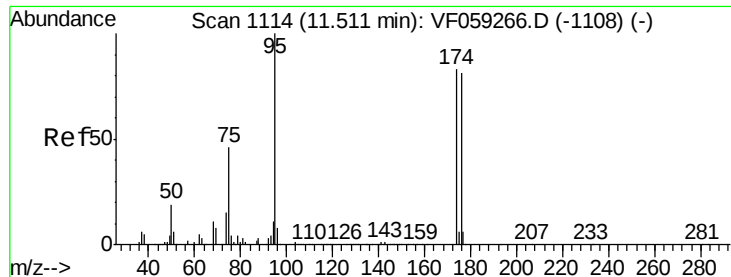
Delta R.T. -0.01 min

Lab File: VF059298.D

Acq: 23 Jun 2018 2:34

Tgt Ion:	98	Resp:	231517
Ion Ratio	Lower	Upper	
98	100		
100	69.1	52.8	79.2





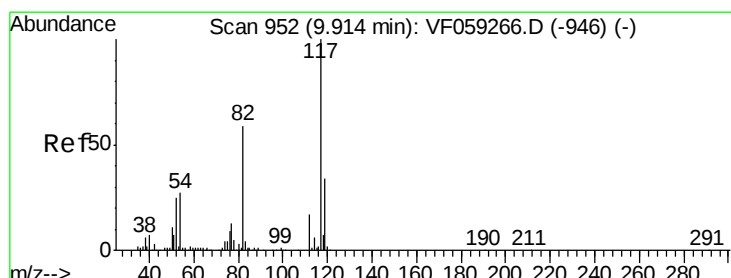
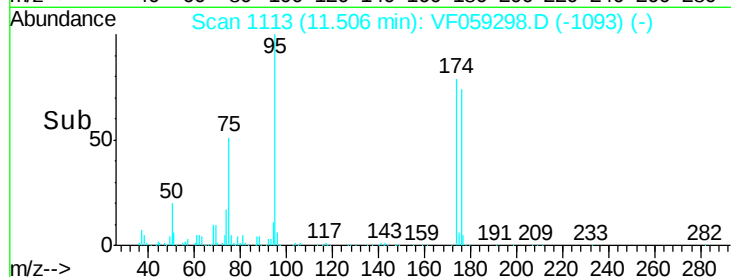
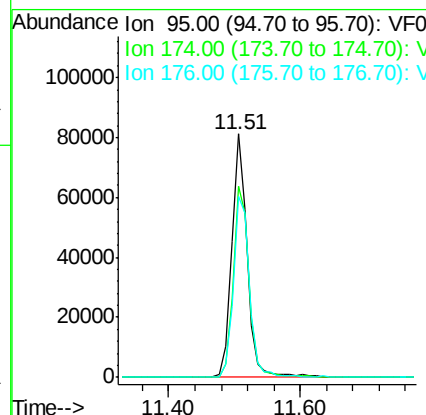
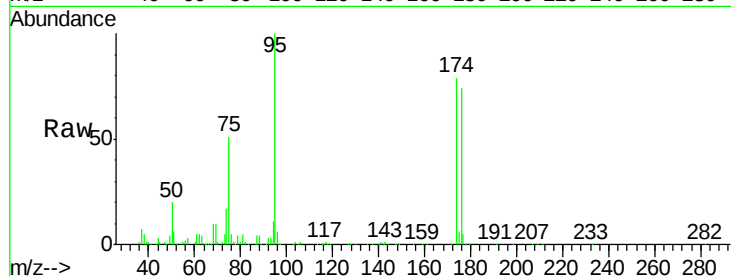
#62
4-Bromofluorobenzene
Concen: 45.61 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059298.D
Acq: 23 Jun 2018 2:34

Instrument :
MSVOA_F
ClientSampled :
S-6(8-8.5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	132882		
174	78.5	0.0	166.2	
176	74.2	0.0	162.8	

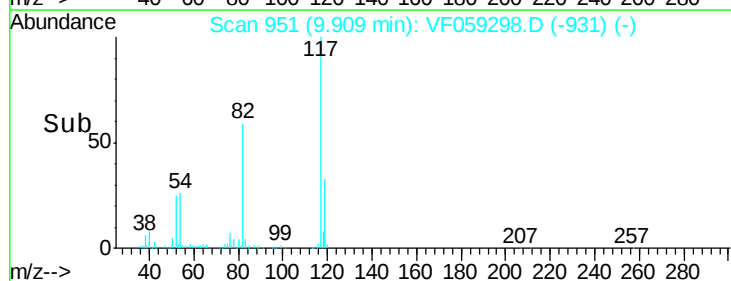
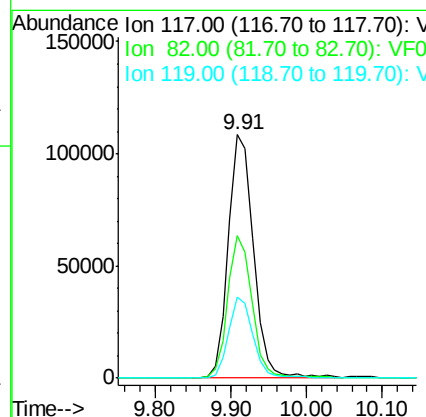
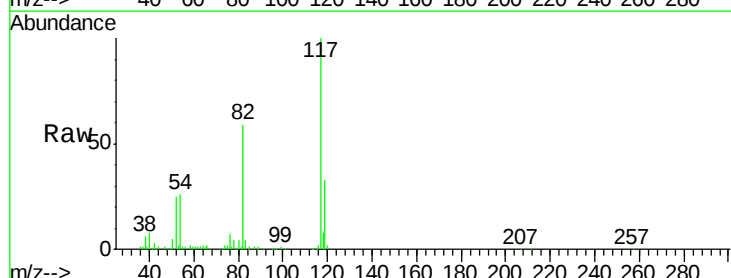
Manual Integrations
APPROVED

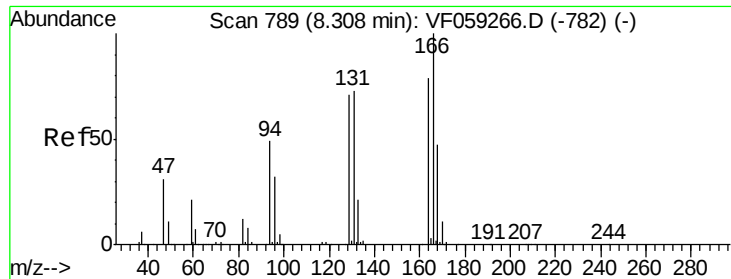
apatel
6/24/2018 11:35:25 AM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059298.D
Acq: 23 Jun 2018 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	251188		
82	58.8	47.1	70.7	
119	33.0	26.9	40.3	





#64

Tetrachloroethene

Concen: 2.50 ug/l

RT: 8.30 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF059298.D

Acq: 23 Jun 2018 2:34

Instrument :

MSVOA_F

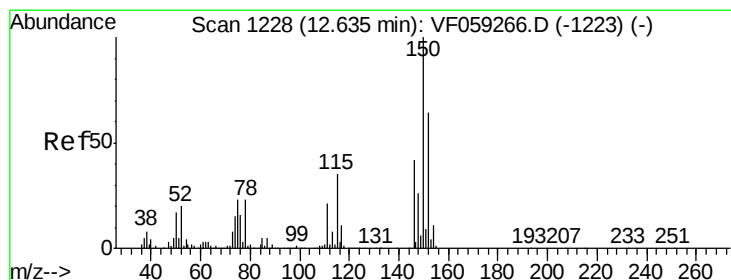
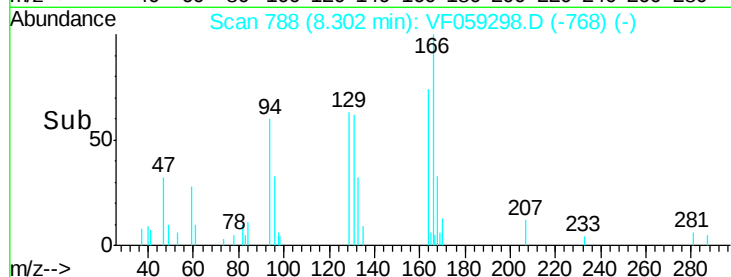
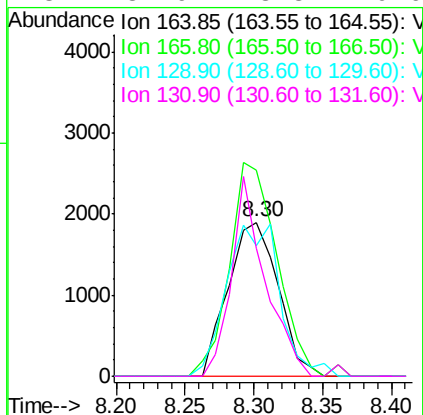
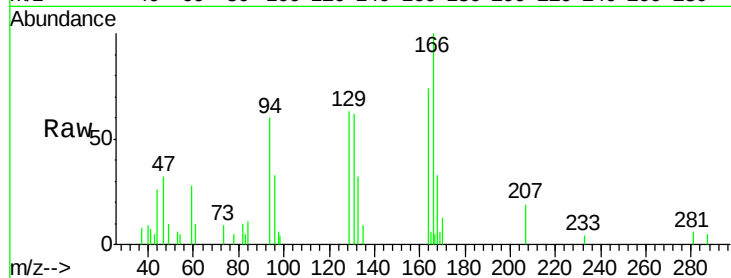
ClientSampleId :

S-6(8-8.5)

Tot Ion:	164	Resp:	4820
Ion	Ratio	Lower	Upper
164	100		
166	134.4	101.4	152.2
129	85.2	72.2	108.4
131	82.9	73.8	110.6

Manual Integrations
APPROVED

apatel
6/24/2018 11:35:25 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059298.D

Acq: 23 Jun 2018 2:34

Tgt Ion:	152	Resp:	156403
Ion	Ratio	Lower	Upper
152	100		
115	58.5	27.8	83.3
150	151.8	0.0	313.8

