

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
 Data File : VF060985.D
 Acq On : 11 Dec 2018 19:24
 Operator : VA/AP
 Sample : J6214-41
 Misc : 4.70g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-5-(0-2)

Quant Time: Dec 12 07:12:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	181543	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.61	114	327607	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.78	117	283765	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	126118	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	107199	50.12	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	100.24%	
35) Dibromofluoromethane	4.12	113	123022	47.33	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	94.66%	
50) Toluene-d8	7.56	98	276846	36.16	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	72.32%	
62) 4-Bromofluorobenzene	11.42	95	125324	36.02	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	72.04%	

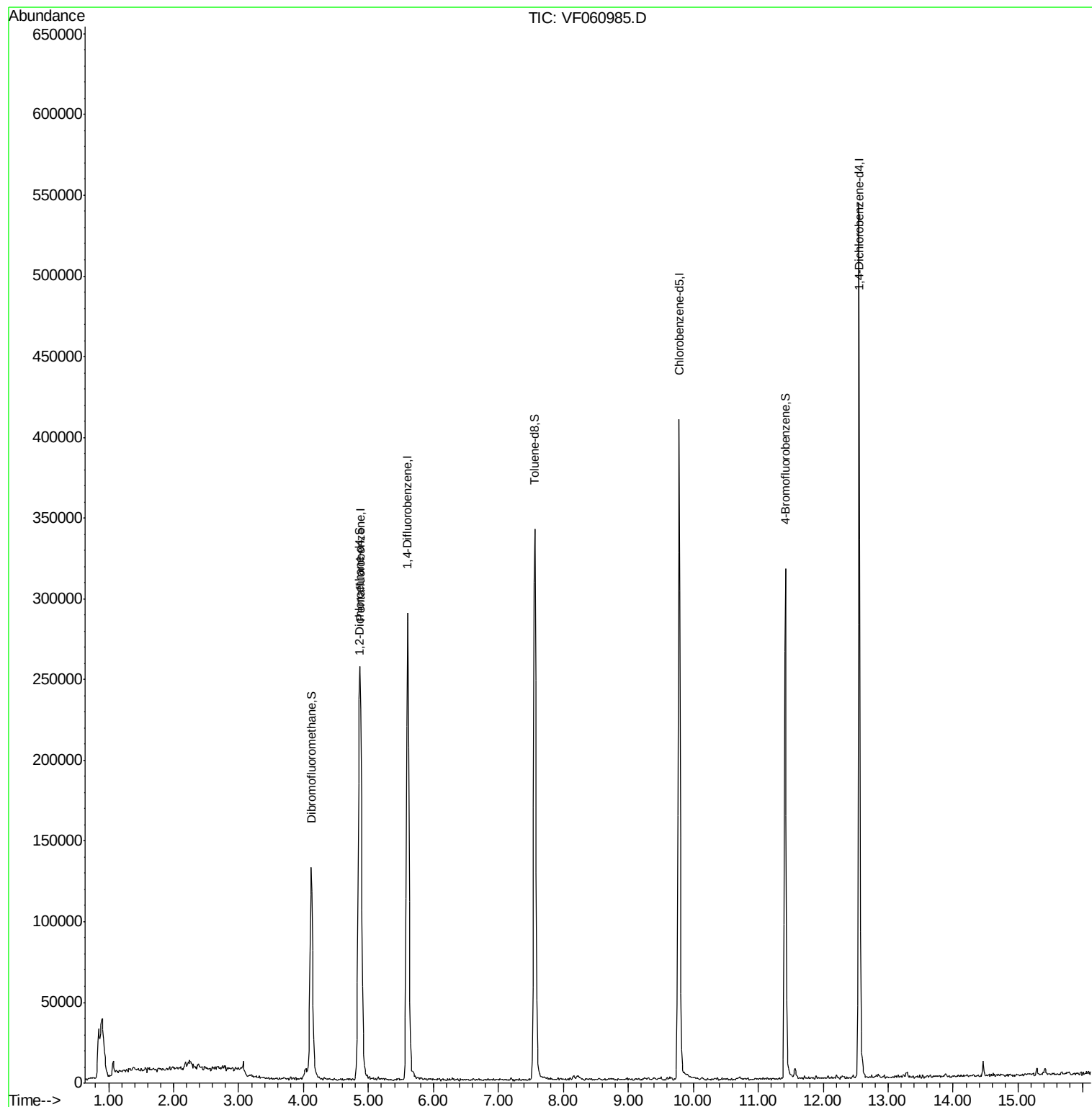
Target Compounds	Qvalue

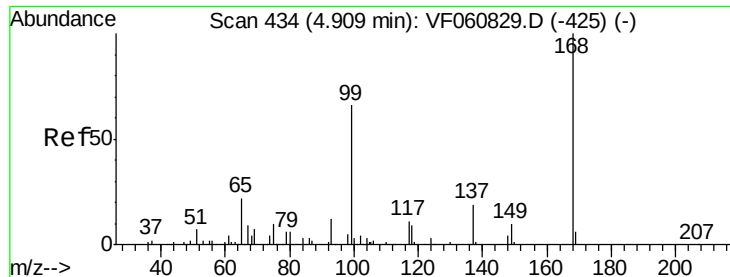
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

Lab File: VF060985.D

Acq: 11 Dec 2018 19:24

Instrument :

MSVOA_F

ClientSampleId :

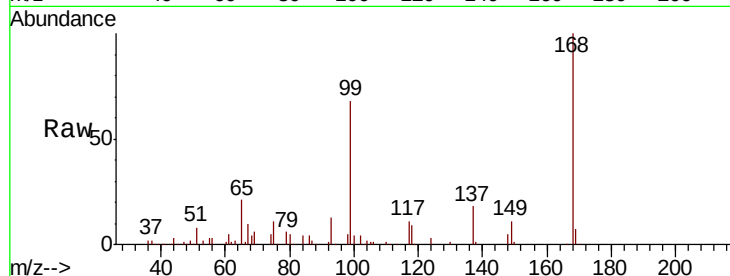
SB-5-(0-2)

Tot Ion:168 Resp: 181543

Ion Ratio Lower Upper

168 100

99 67.6 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

60000

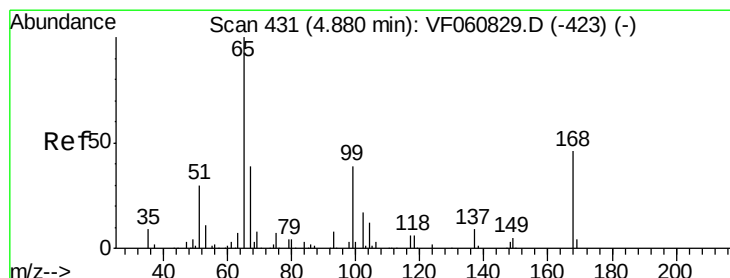
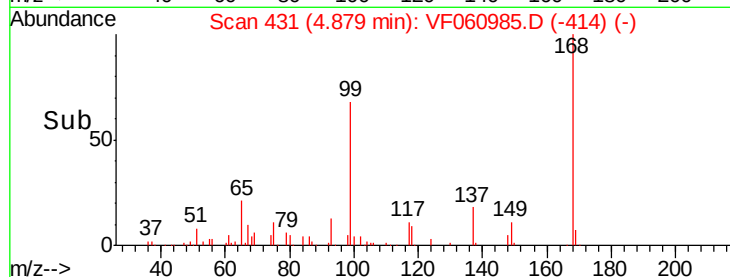
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 50.125 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF060985.D

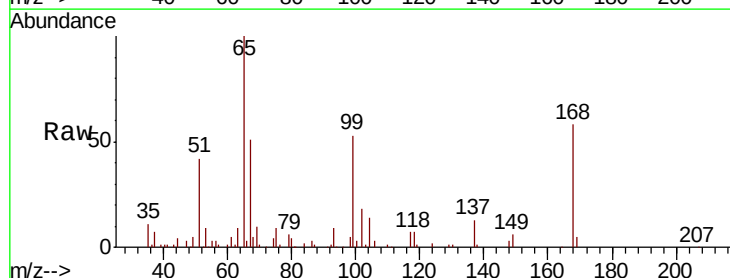
Acq: 11 Dec 2018 19:24

Tgt Ion: 65 Resp: 107199

Ion Ratio Lower Upper

65 100

67 51.0 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

40000

30000

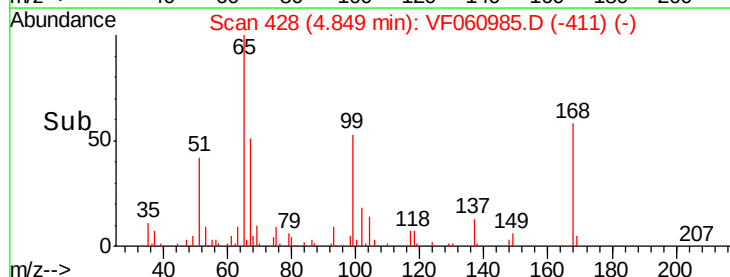
20000

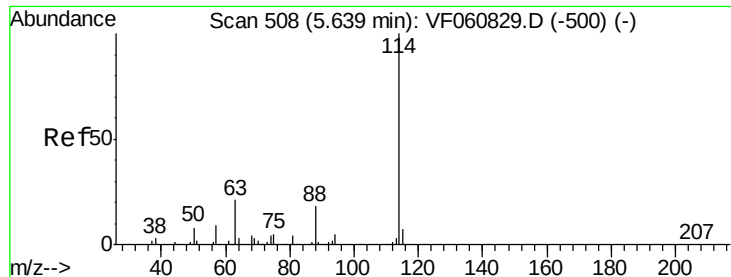
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.03 min

Lab File: VF060985.D

Acq: 11 Dec 2018 19:24

Instrument :

MSVOA_F

ClientSampleId :

SB-5-(0-2)

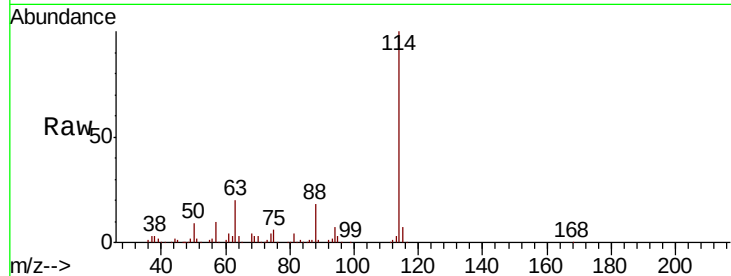
Tot Ion:114 Resp: 327607

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

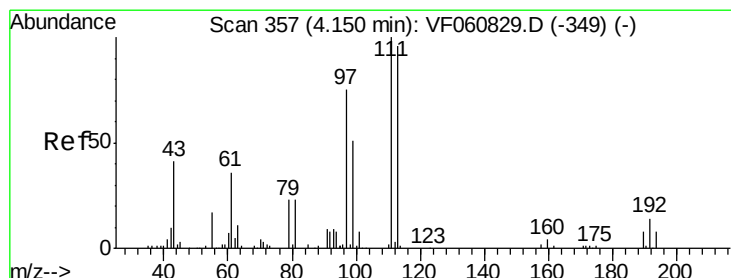
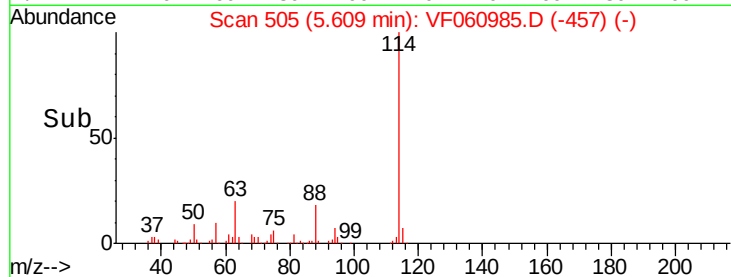
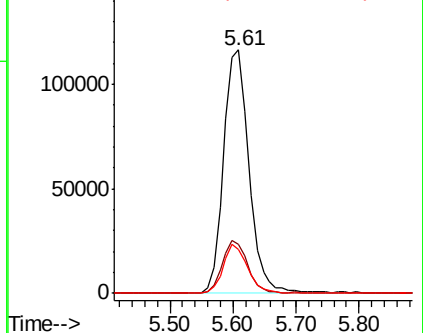
88 18.2 0.0 36.6



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: 47.335 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.03 min

Lab File: VF060985.D

Acq: 11 Dec 2018 19:24

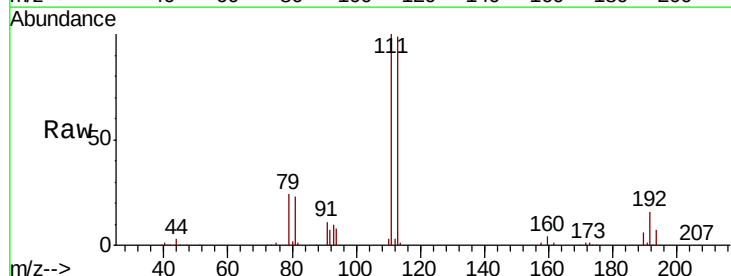
Tgt Ion:113 Resp: 123022

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.6

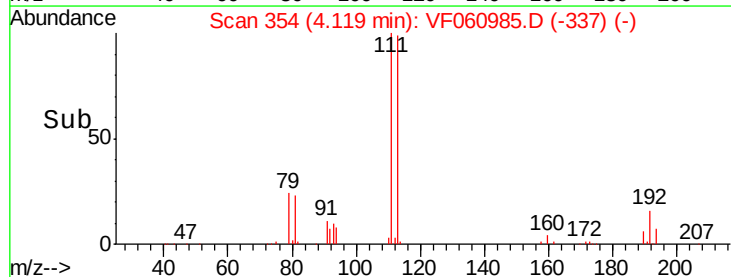
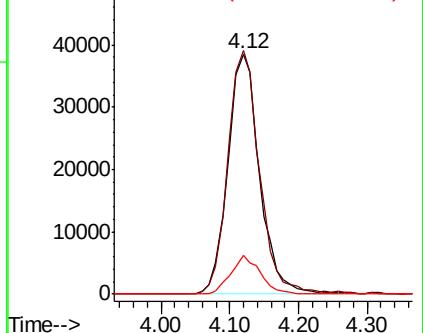
192 16.8 12.3 18.5

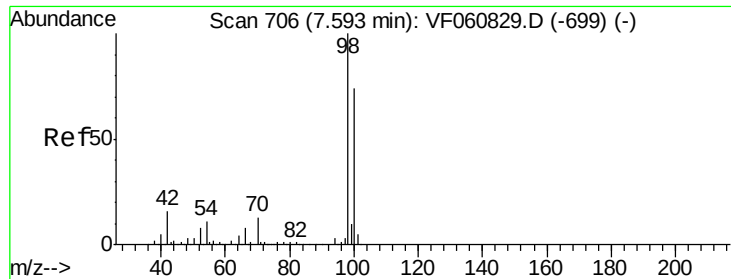


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

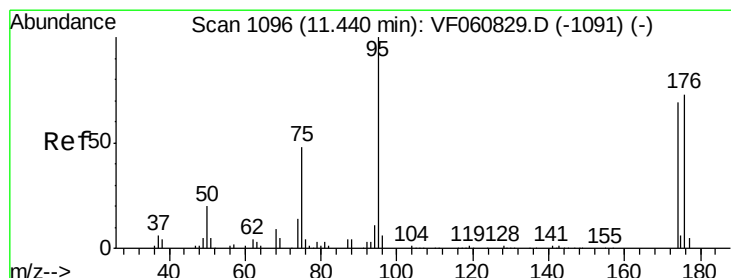
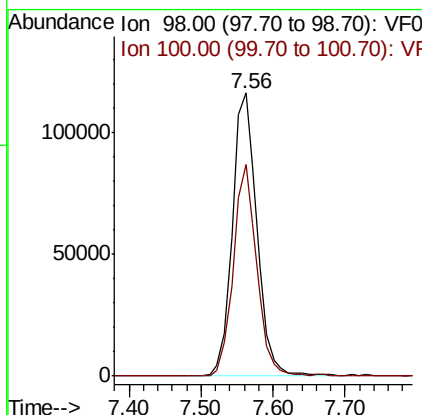
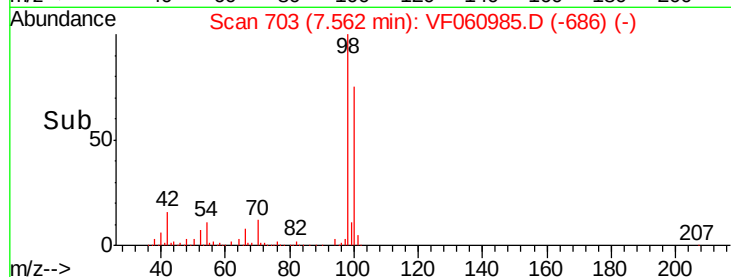
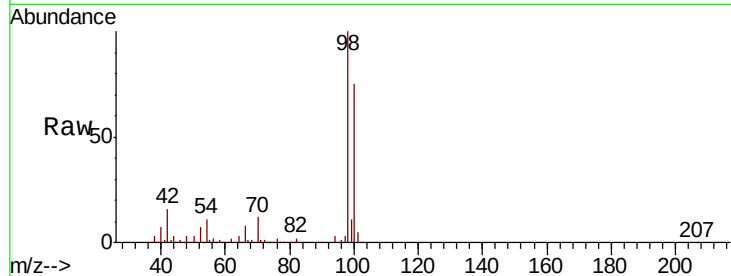




#50
Toluene-d8
Concen: 36.161 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.03 min
Lab File: VF060985.D
Acq: 11 Dec 2018 19:24

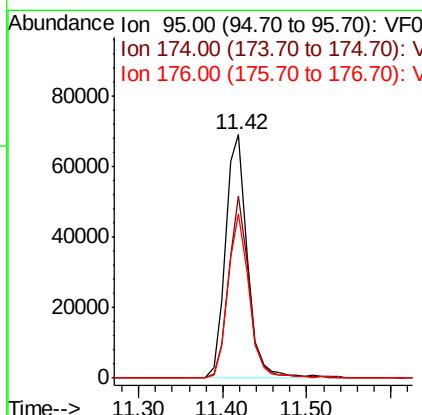
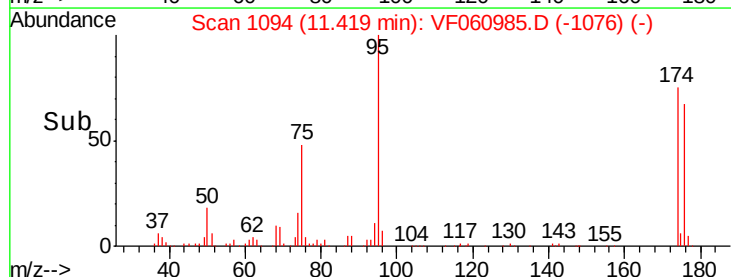
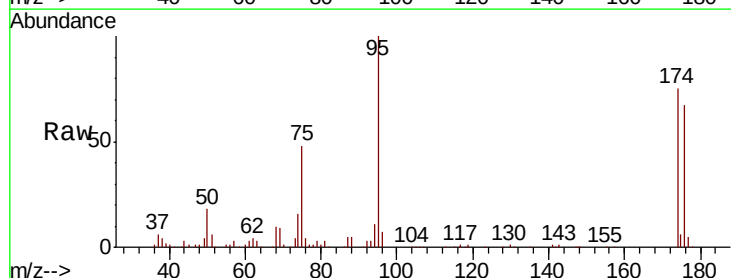
Instrument :
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SB-5-(0-2)

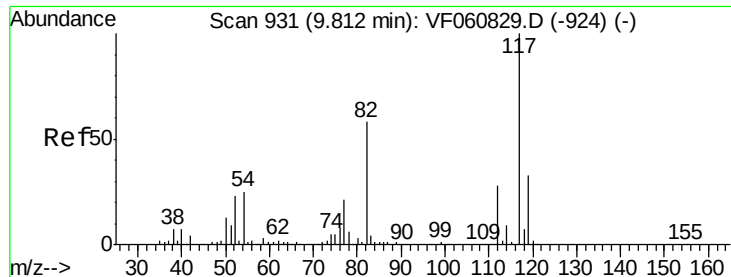
Tot Ion: 98 Resp: 276846
Ion Ratio Lower Upper
98 100
100 74.8 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 36.018 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF060985.D
Acq: 11 Dec 2018 19:24

Tgt Ion: 95 Resp: 125324
Ion Ratio Lower Upper
95 100
174 75.0 0.0 138.2
176 67.4 0.0 146.2

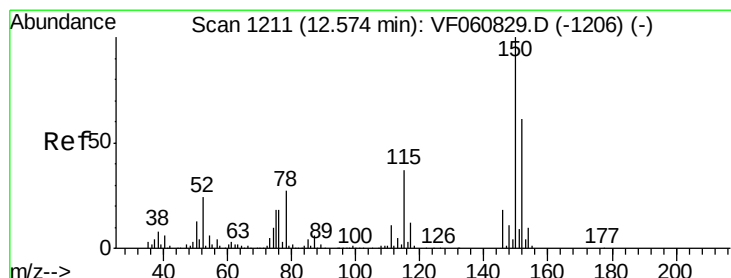
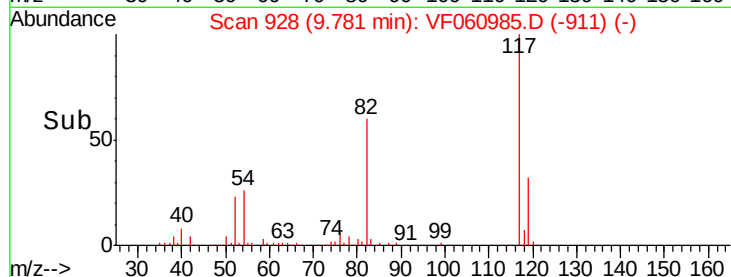
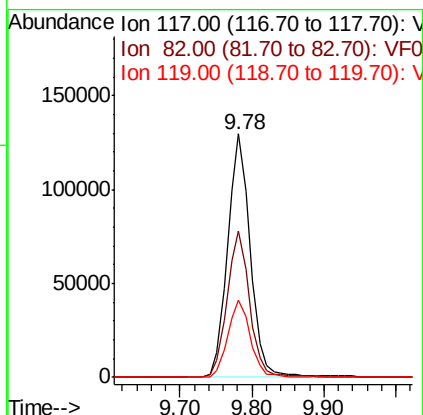
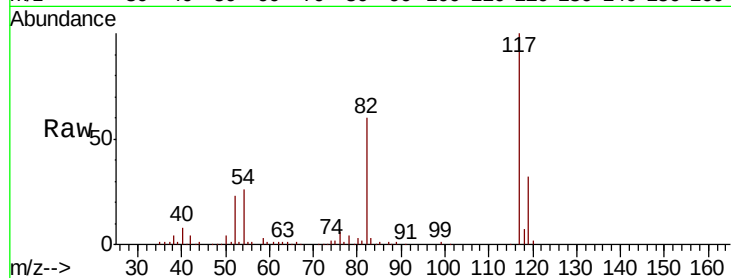




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060985.D
Acq: 11 Dec 2018 19:24

Instrument :
MSVOA_F
ClientSampleId :
SB-5-(0-2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	46.6	69.8
119	31.9	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060985.D
Acq: 11 Dec 2018 19:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	30.1	90.5
150	160.9	0.0	327.6

