

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
 Data File : VF060893.D
 Acq On : 3 Dec 2018 16:02
 Operator : VA/AP
 Sample : J5771-11
 Misc : 5.81g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-112918-C

Manual Integrations
 APPROVED

apatel
 12/4/2018 2:49:22 PM

Quant Time: Dec 04 03:41:10 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	4.89	168	189990	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	350475	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	301147	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	142457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	122088	54.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	109.10%	
35) Dibromofluoromethane	4.13	113	137636	49.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.00%	
50) Toluene-d8	7.57	98	307314	37.52	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.04%	
62) 4-Bromofluorobenzene	11.43	95	147988	39.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.52%	
Target Compounds						
20) Methylene Chloride	2.26	84	15321m	10.119	ug/l	Qvalue

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

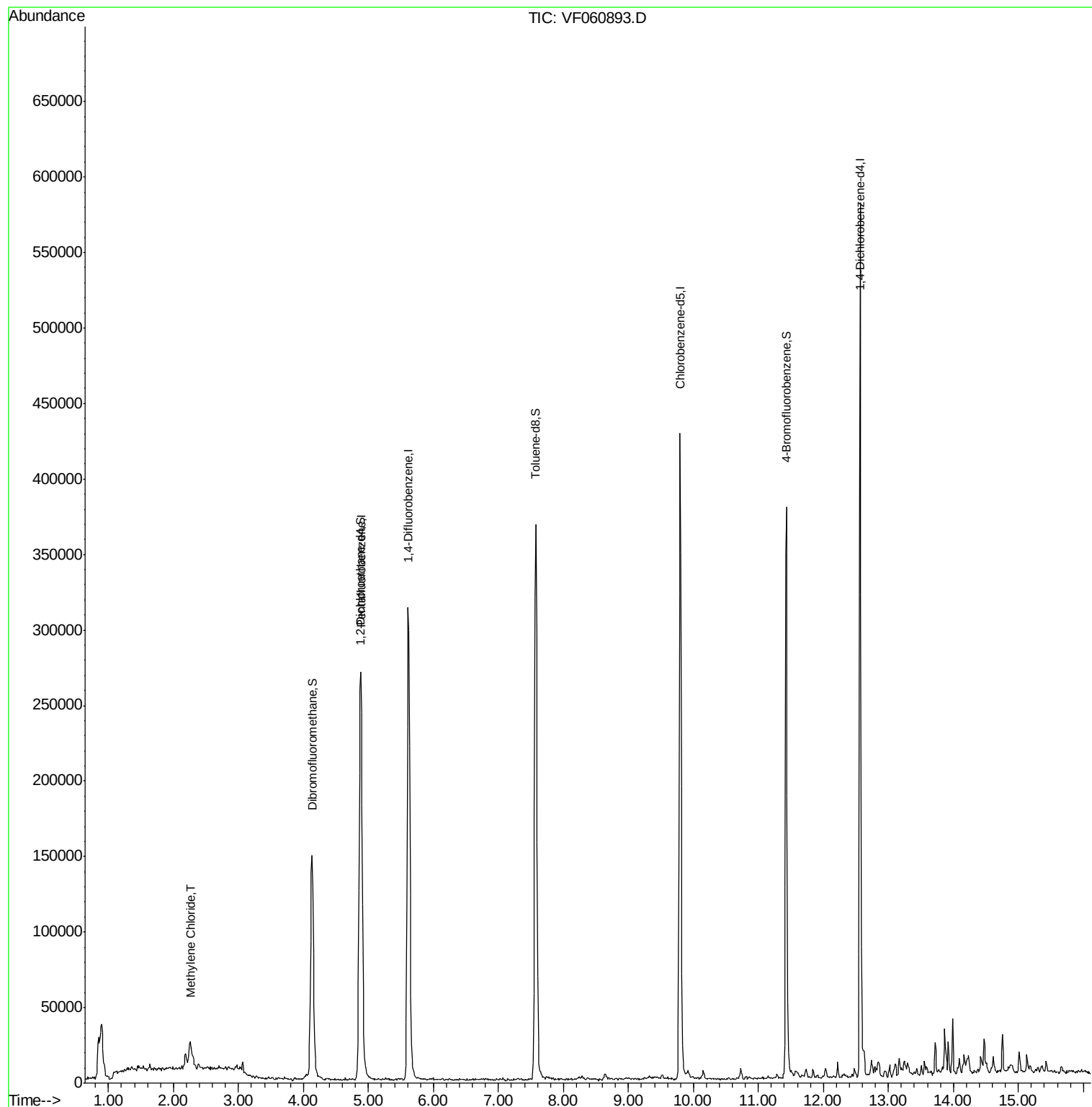
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120318\
Data File : VF060893.D
Acq On : 3 Dec 2018 16:02
Operator : VA/AP
Sample : J5771-11
Misc : 5.81g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

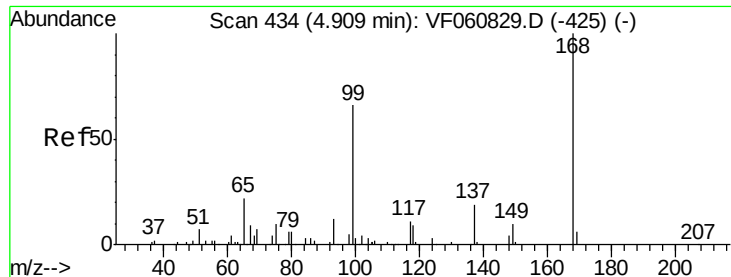
Instrument :
MSVOA_F
ClientSampleId :
EO-02-112918-C

Manual Integrations
APPROVED

apatel
12/4/2018 2:49:22 PM

Quant Time: Dec 04 03:41:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
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: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF060893.D

Acq: 3 Dec 2018 16:02

Instrument :

MSVOA_F

ClientSampleId :

EO-02-112918-C

Tot Ion:168 Resp: 189990

Ion Ratio Lower Upper

168 100

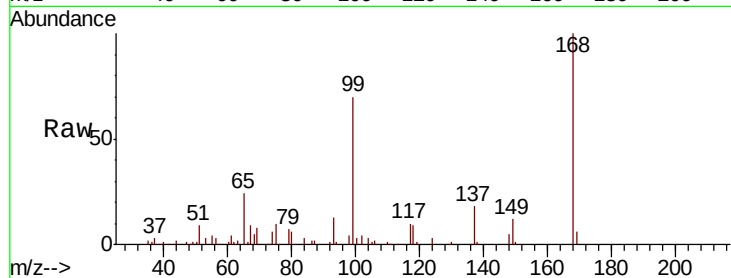
99 70.4 52.6 79.0

Manual Integrations

APPROVED

apatel

12/4/2018 2:49:22 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

60000

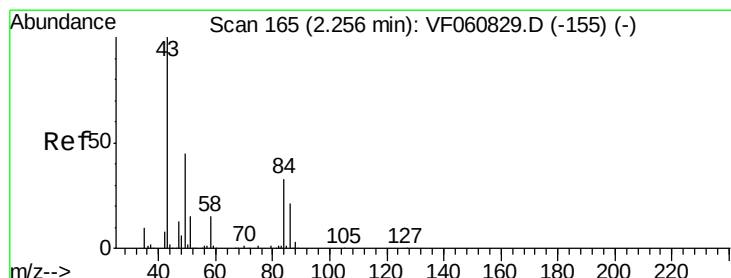
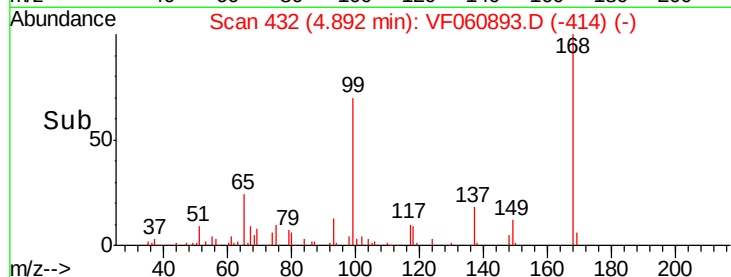
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 10.119 ug/l m

RT: 2.26 min Scan# 165

Delta R.T. 0.00 min

Lab File: VF060893.D

Acq: 3 Dec 2018 16:02

Tgt Ion: 84 Resp: 15321

Ion Ratio Lower Upper

84 100

49 154.8 111.3 166.9

51 39.6 38.0 57.0

86 57.4 49.8 74.8

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

6000

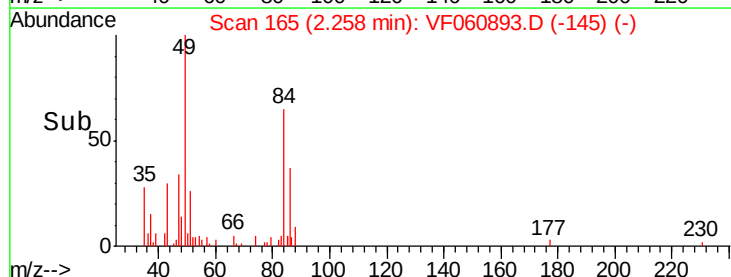
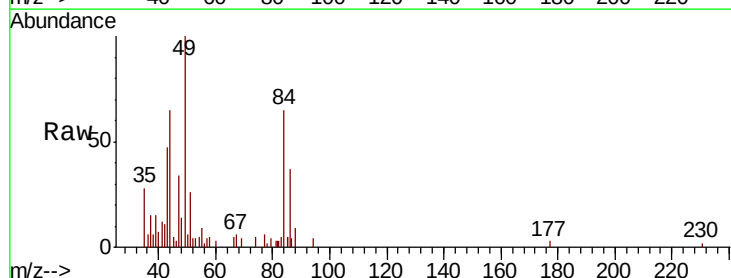
4000

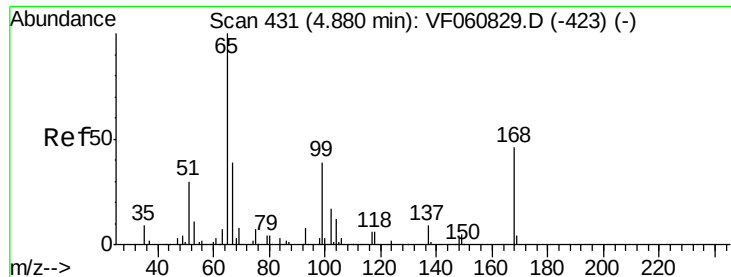
2000

0

Time-->

2.10 2.20 2.30 2.40





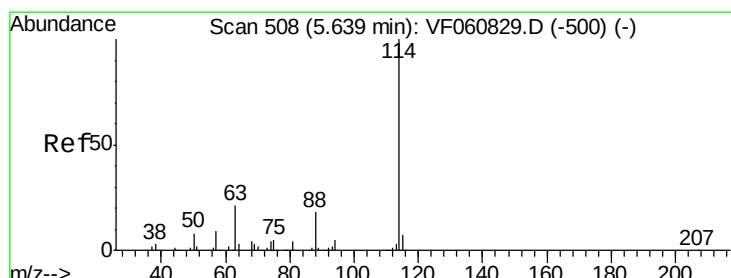
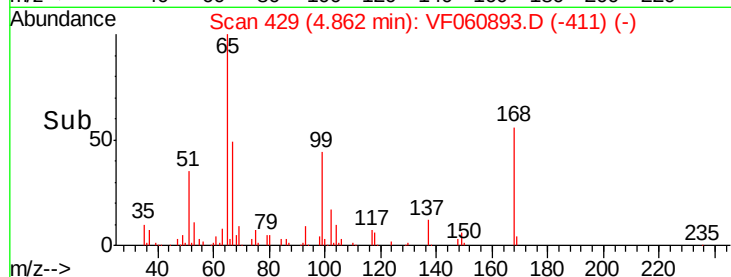
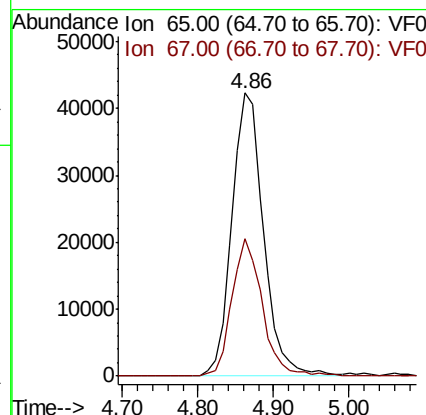
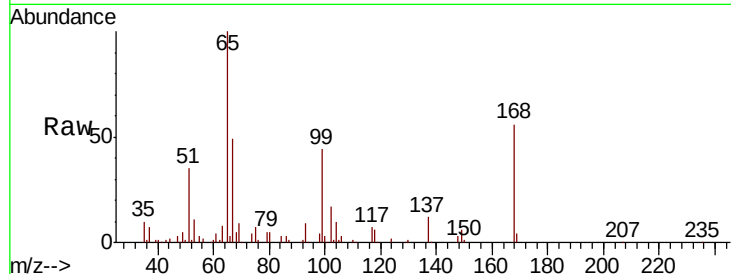
#33
 1,2-Dichloroethane-d4
 Concen: 54.549 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: VF060893.D
 Acq: 3 Dec 2018 16:02

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-112918-C

Tot Ion	Ratio	Resp	Lower	Upper
65	100	122088		
67	48.6	0.0	96.4	

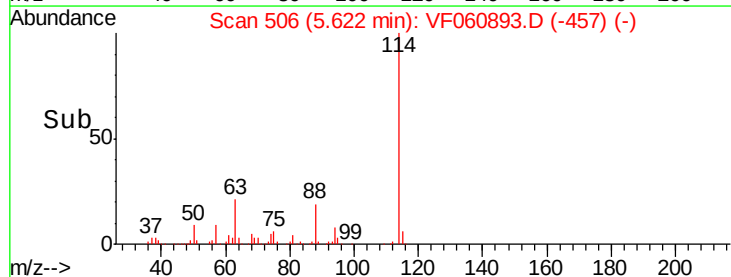
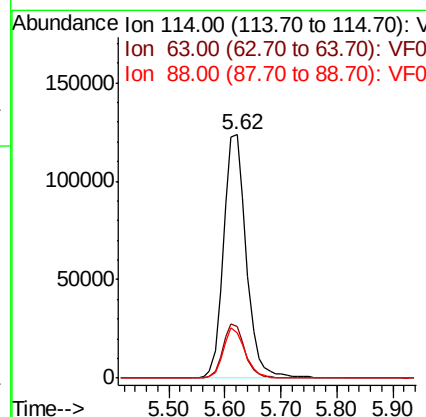
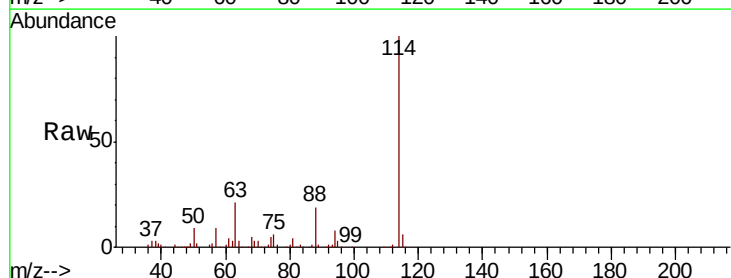
Manual Integrations
 APPROVED

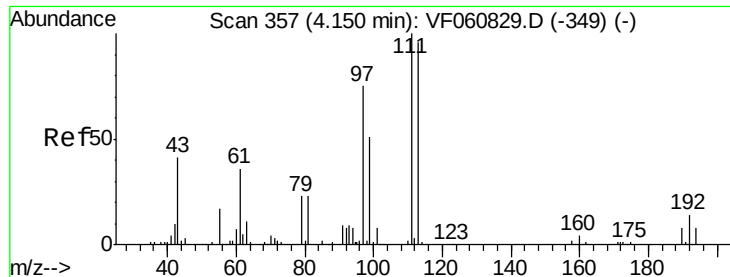
apatel
 12/4/2018 2:49:22 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: VF060893.D
 Acq: 3 Dec 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	350475		
63	21.4	0.0	41.6	
88	18.6	0.0	36.6	





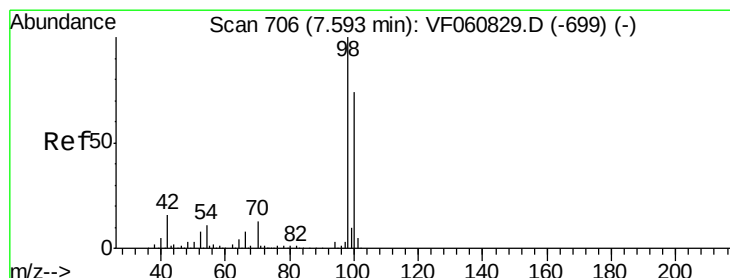
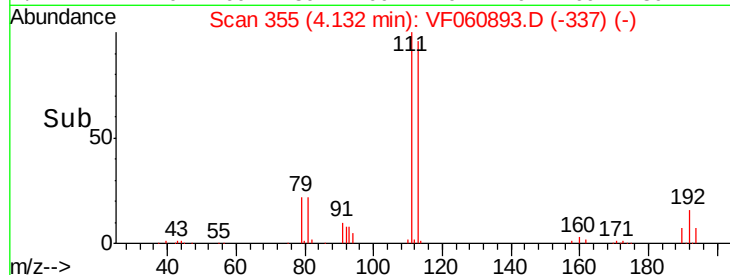
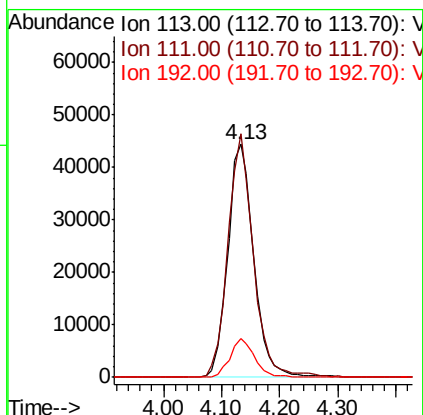
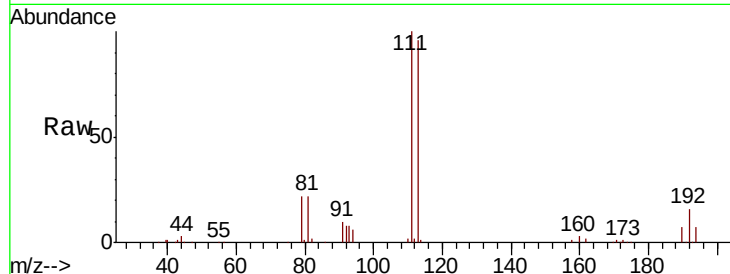
#35
 Dibromofluoromethane
 Concen: 49.502 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. -0.02 min
 Lab File: VF060893.D
 Acq: 3 Dec 2018 16:02

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-112918-C

Tot Ion	Ratio	Resp	Lower	Upper
113	100	137636		
111	104.5	83.0	124.6	
192	16.9	12.3	18.5	

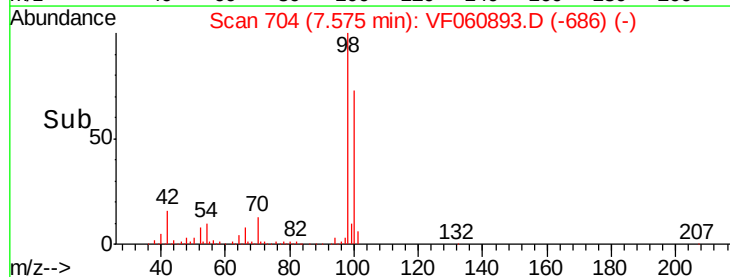
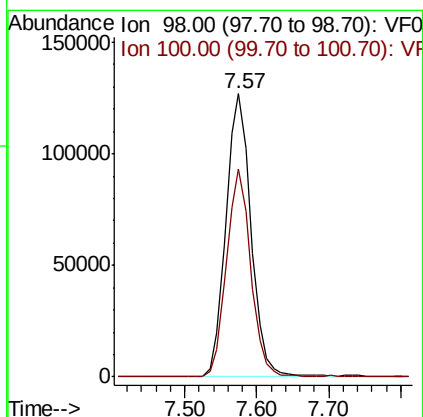
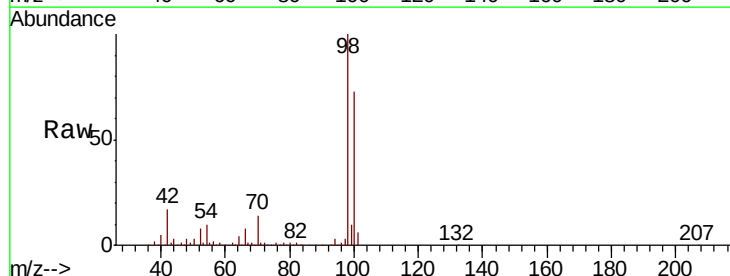
Manual Integrations
 APPROVED

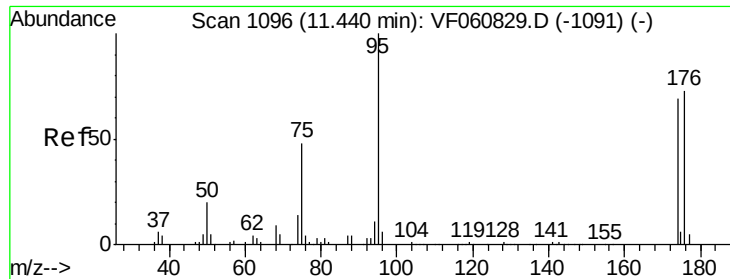
apatel
 12/4/2018 2:49:22 PM



#50
 Toluene-d8
 Concen: 37.522 ug/l
 RT: 7.57 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: VF060893.D
 Acq: 3 Dec 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	307314		
100	73.4	59.3	88.9	





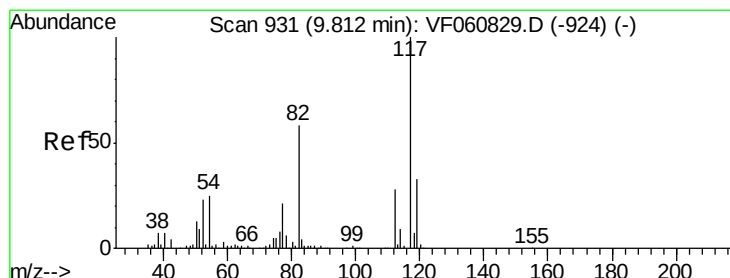
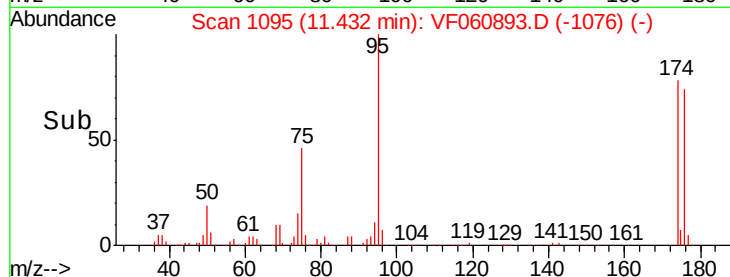
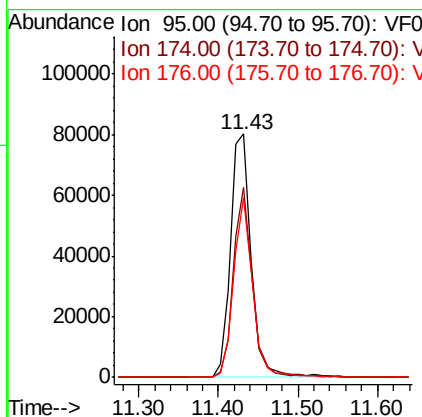
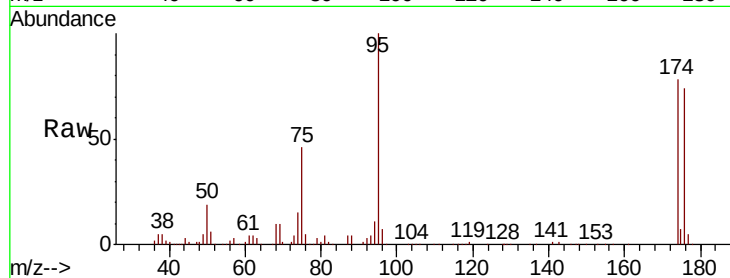
#62
4-Bromofluorobenzene
Concen: 39.757 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060893.D
Acq: 3 Dec 2018 16:02

Instrument :
MSVOA_F
ClientSampleId :
EO-02-112918-C

Tot Ion	Ratio	Resp	Lower	Upper
95	100	147988		
174	78.1	0.0	138.2	
176	73.9	0.0	146.2	

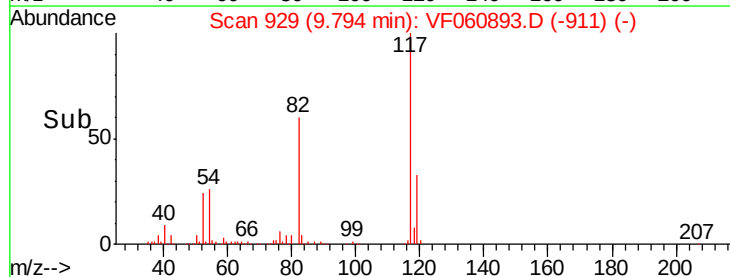
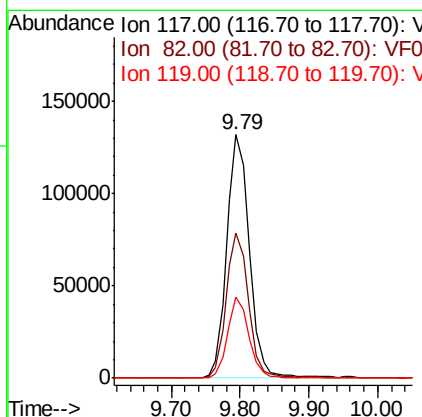
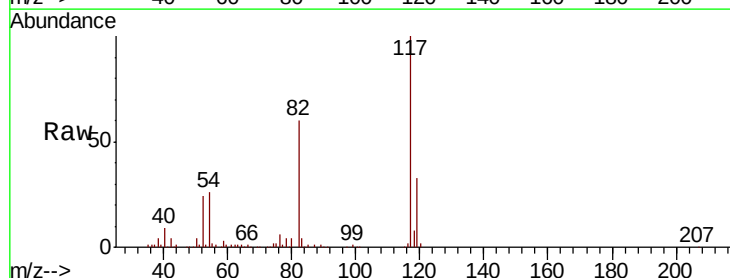
Manual Integrations
APPROVED

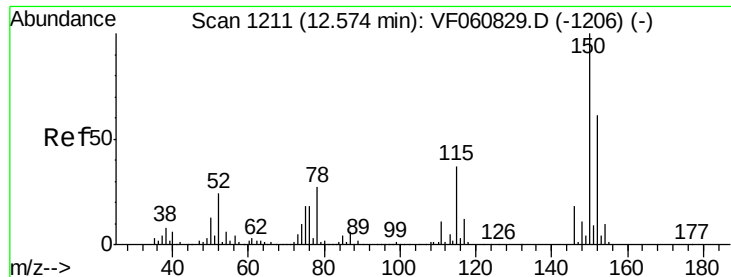
apatel
12/4/2018 2:49:22 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF060893.D
Acq: 3 Dec 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	301147		
82	59.6	46.6	69.8	
119	33.3	26.4	39.6	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.57 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: VF060893.D
 Acq: 3 Dec 2018 16:02

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-112918-C

Tot Ion	Ratio	Resp Lower	Upper
152	100		
115	61.8	30.1	90.5
150	157.9	0.0	327.6

Manual Integrations
 APPROVED

apatel
 12/4/2018 2:49:22 PM

