

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060795.D
 Acq On : 20 Nov 2018 00:19
 Operator : VA/AP
 Sample : J5860-24
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP2-SB-111(14-16)

Quant Time: Nov 20 03:36:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

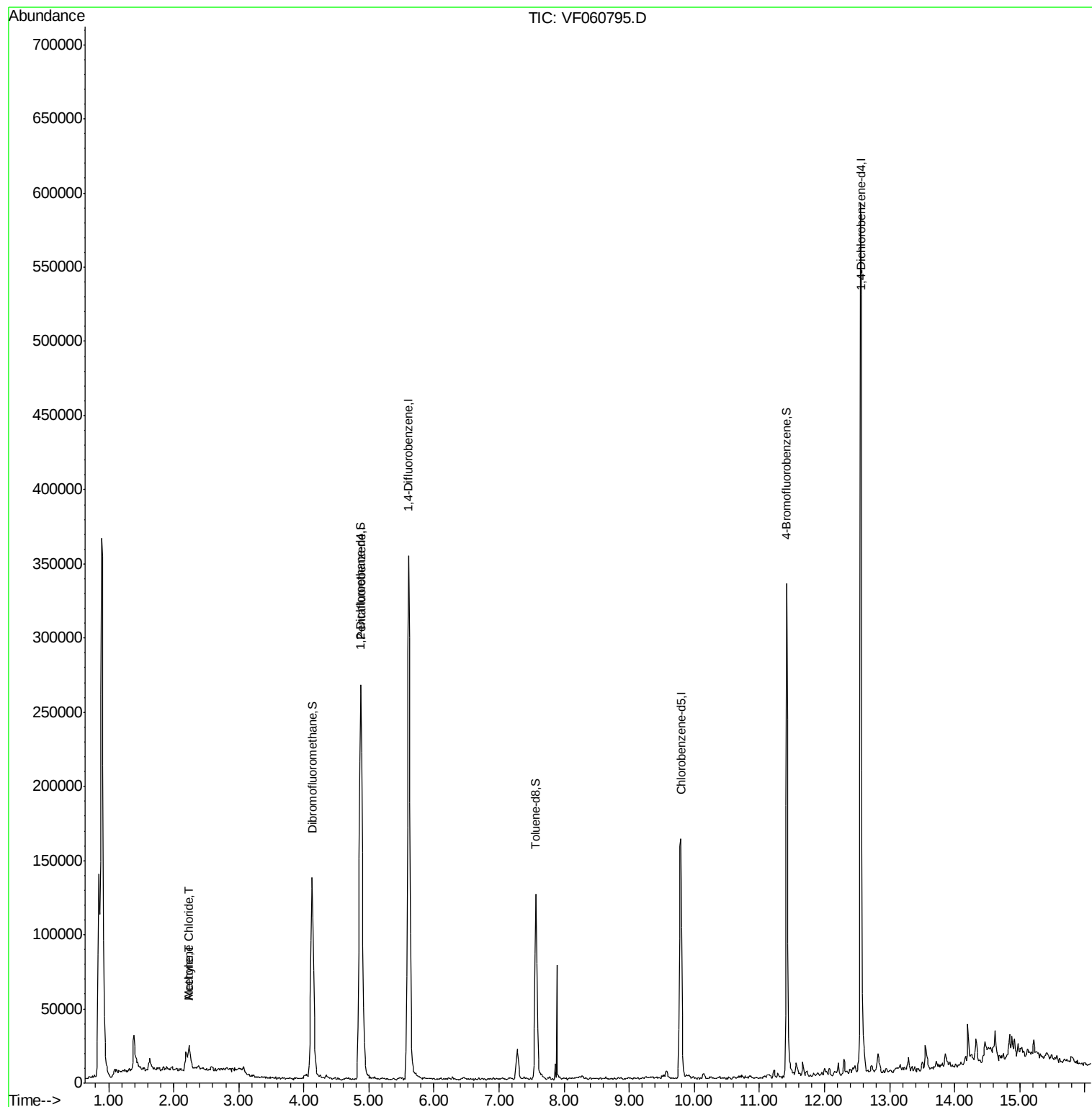
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	199170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	394216	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	120186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	158364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	112088	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
35) Dibromofluoromethane	4.13	113	131388	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
50) Toluene-d8	7.56	98	109657	11.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	23.20%	
62) 4-Bromofluorobenzene	11.42	95	125013	34.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.78%	
Target Compounds						
16) Acetone	2.25	43	14093	29.023	ug/l #	88
20) Methylene Chloride	2.24	84	10940	4.156	ug/l #	77

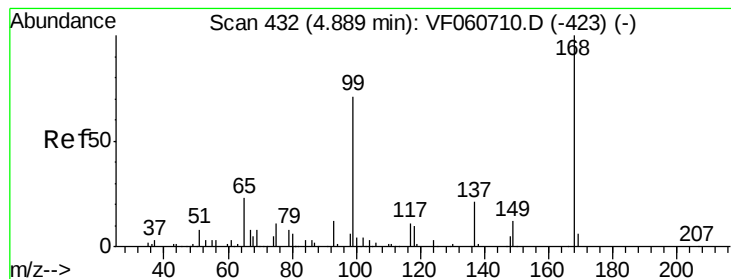
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060795.D
Acq On : 20 Nov 2018 00:19
Operator : VA/AP
Sample : J5860-24
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP2-SB-111(14-16)

Quant Time: Nov 20 03:36:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060795.D

Acq: 20 Nov 2018 00:19

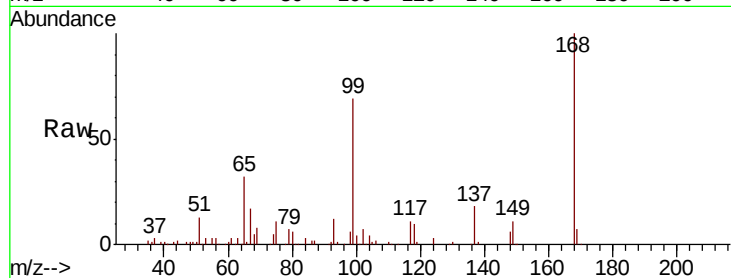
Instrument :
MSVOA_F
ClientSampleId :
EP2-SB-111(14-16)

Tot Ion:168 Resp: 199170

Ion Ratio Lower Upper

168 100

99 69.2 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

60000

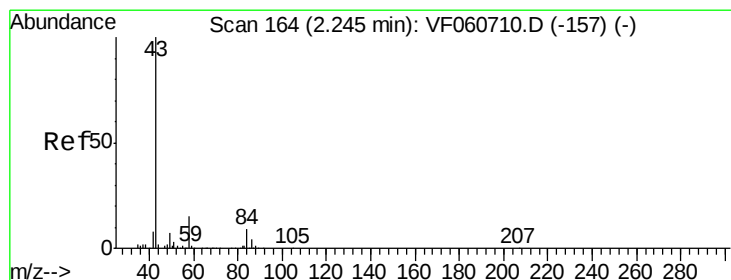
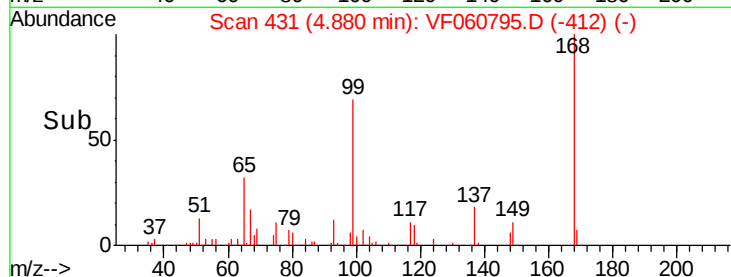
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 29.023 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.00 min

Lab File: VF060795.D

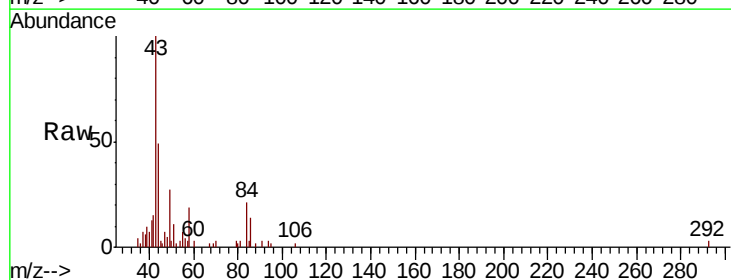
Acq: 20 Nov 2018 00:19

Tgt Ion: 43 Resp: 14093

Ion Ratio Lower Upper

43 100

58 19.3 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

6000

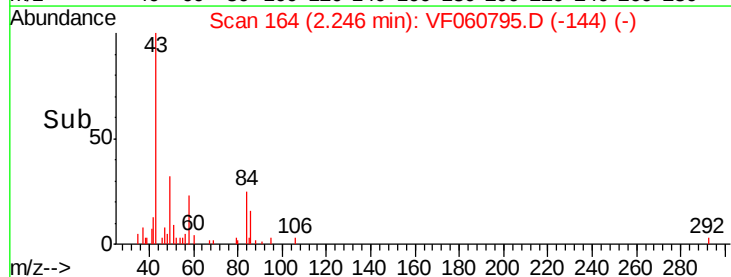
4000

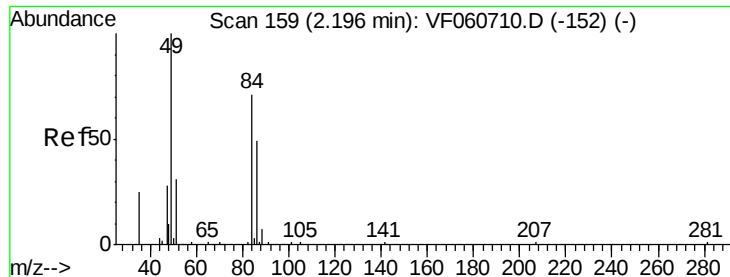
2000

0

Time-->

2.15 2.20 2.25 2.30 2.35

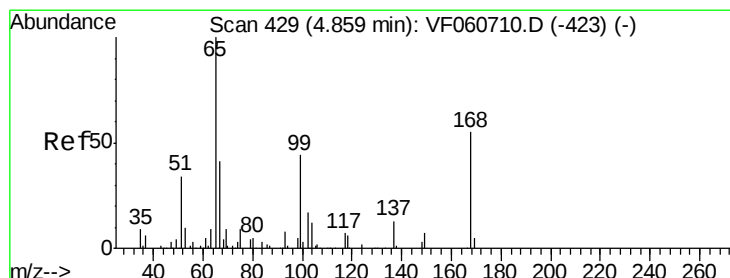
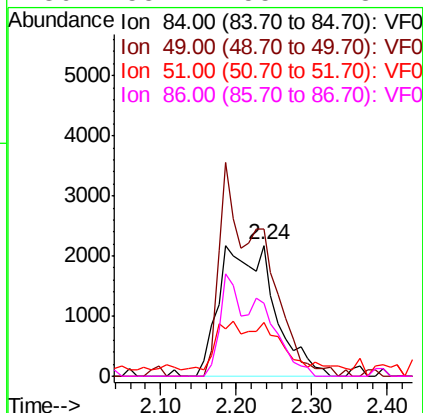
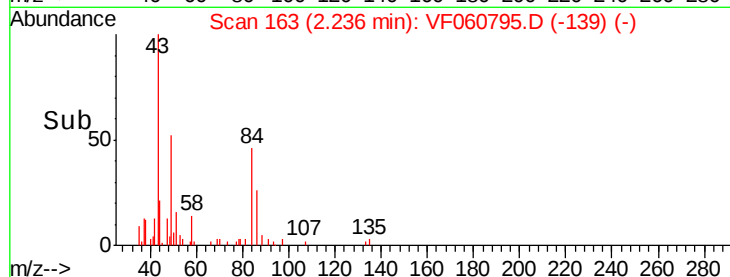
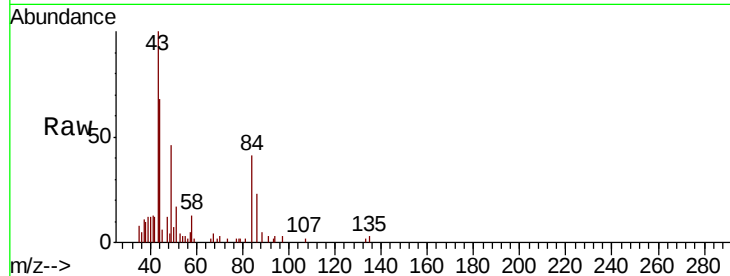




#20
Methvlene Chloride
Concen: 4.156 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.04 min
Lab File: VF060795.D
Acq: 20 Nov 2018 00:19

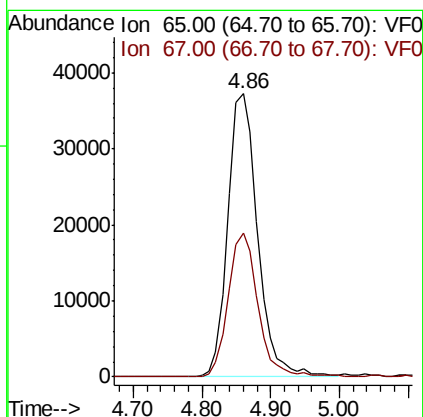
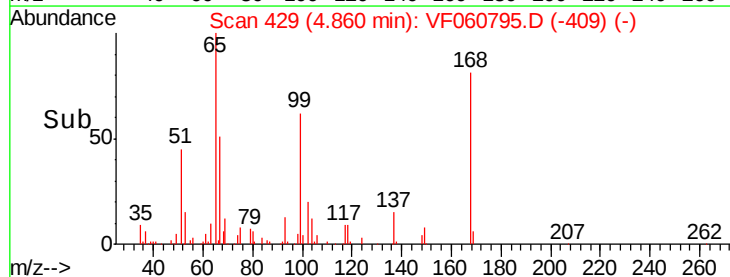
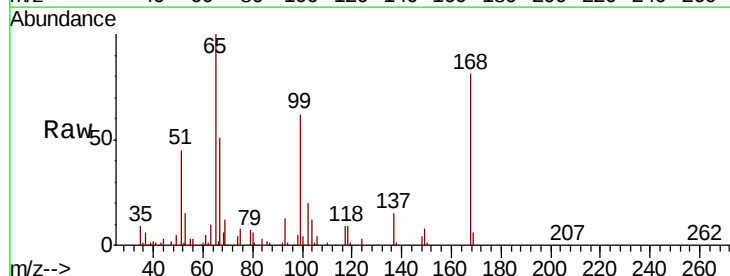
Instrument :
MSVOA_F
ClientSampleId :
EP2-SB-111(14-16)

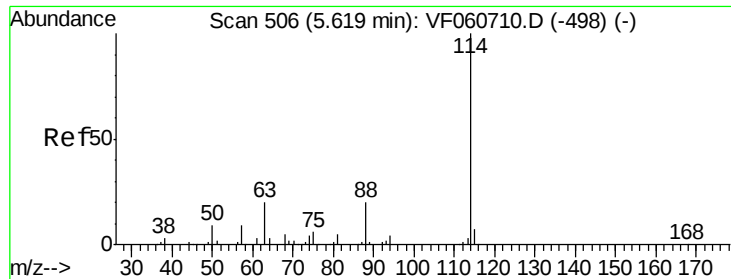
Tot Ion: 84 Resp: 10940
Ion Ratio Lower Upper
84 100
49 112.0 120.2 180.4#
51 40.6 37.2 55.8
86 55.7 55.1 82.7



#33
1,2-Dichloroethane-d4
Concen: 49.340 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.00 min
Lab File: VF060795.D
Acq: 20 Nov 2018 00:19

Tgt Ion: 65 Resp: 112088
Ion Ratio Lower Upper
65 100
67 50.8 0.0 90.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF060795.D

Acq: 20 Nov 2018 00:19

Instrument :

MSVOA_F

ClientSampleId :

EP2-SB-111(14-16)

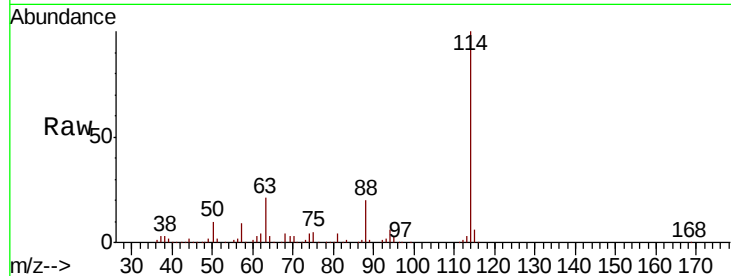
Tot Ion:114 Resp: 394216

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 19.6 0.0 39.6



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

200000

150000

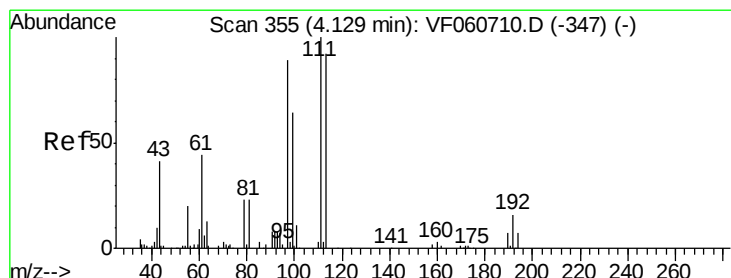
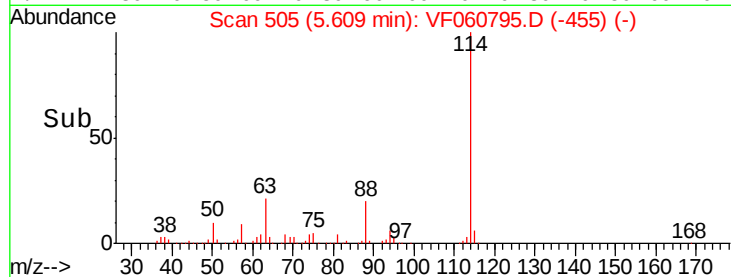
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#35

Dibromofluoromethane

Concen: 44.339 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.00 min

Lab File: VF060795.D

Acq: 20 Nov 2018 00:19

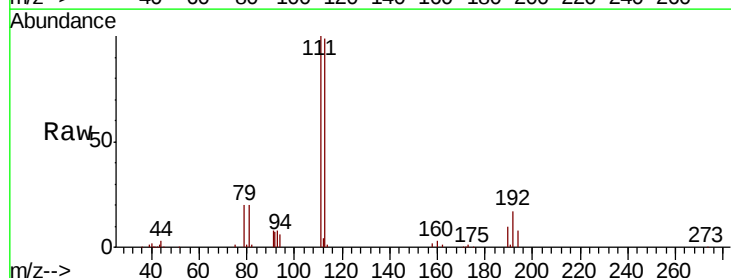
Tgt Ion:113 Resp: 131388

Ion Ratio Lower Upper

113 100

111 100.7 87.1 130.7

192 17.2 13.8 20.6



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

50000

40000

30000

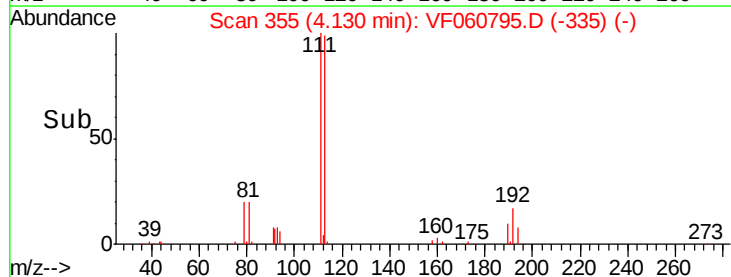
20000

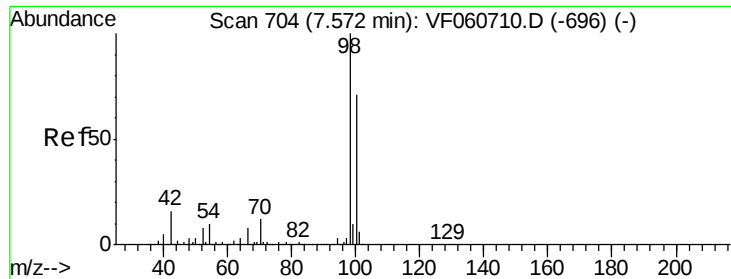
10000

0

4.00 4.10 4.20 4.30

Time-->





#50

Toluene-d8

Concen: 11.597 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF060795.D

Acq: 20 Nov 2018 00:19

Instrument :

MSVOA_F

ClientSampleId :

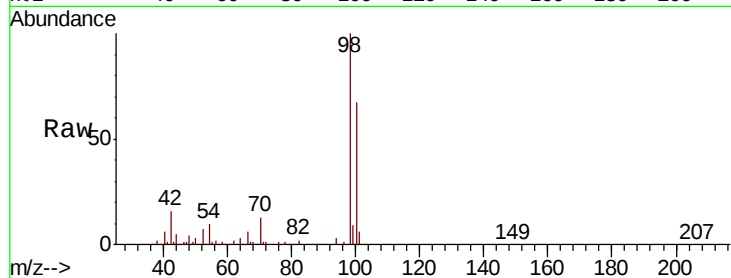
EP2-SB-111(14-16)

Tot Ion: 98 Resp: 109657

Ion Ratio Lower Upper

98 100

100 66.9 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.56

50000

40000

30000

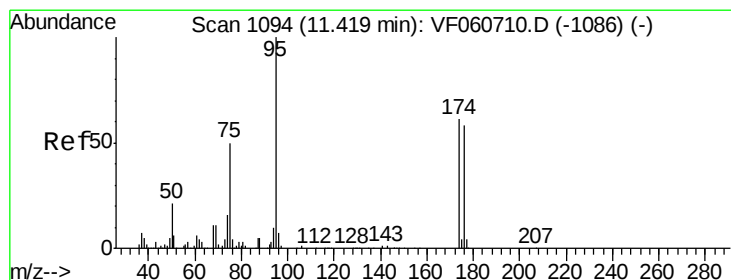
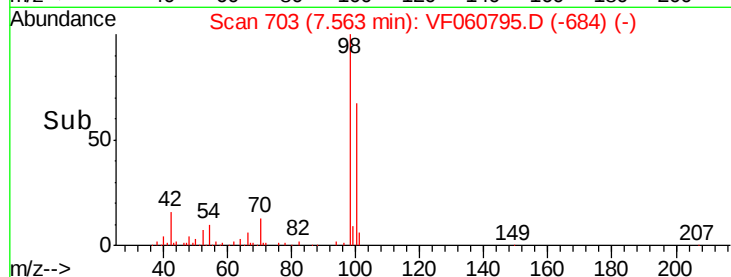
20000

10000

0

Time-->

7.40 7.50 7.60 7.70 7.80



#62

4-Bromofluorobenzene

Concen: 34.386 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060795.D

Acq: 20 Nov 2018 00:19

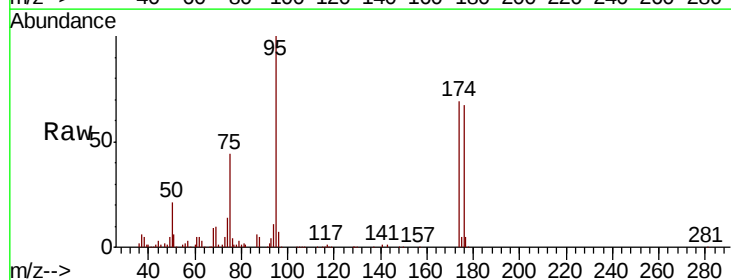
Tgt Ion: 95 Resp: 125013

Ion Ratio Lower Upper

95 100

174 69.4 0.0 121.6

176 67.3 0.0 115.2



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

100000

80000

60000

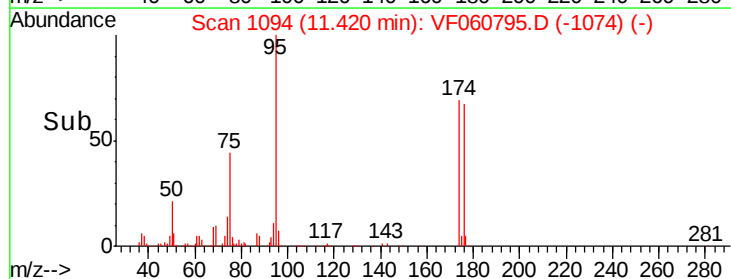
40000

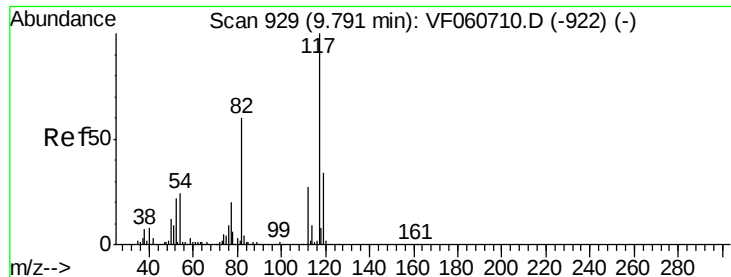
20000

0

Time-->

11.30 11.40 11.50 11.60

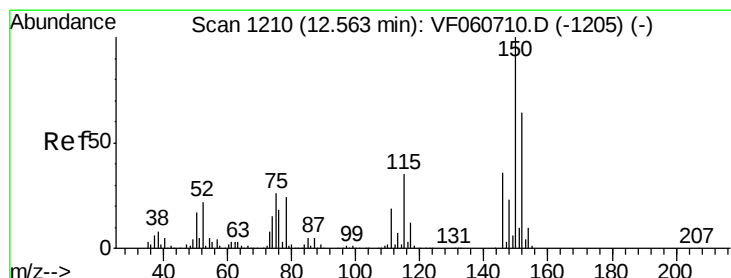
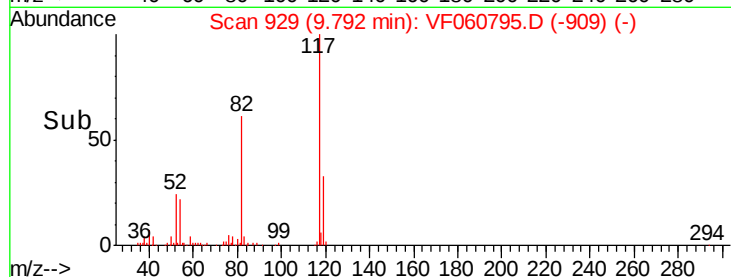
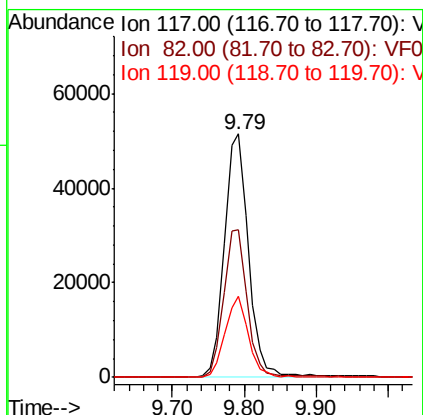
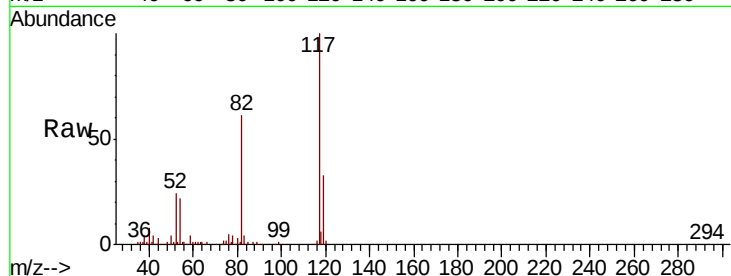




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF060795.D
Acq: 20 Nov 2018 00:19

Instrument :
MSVOA_F
ClientSampleId :
EP2-SB-111(14-16)

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.9	71.9
119	33.3	26.8	40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VF060795.D
Acq: 20 Nov 2018 00:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.5	27.9	83.7
150	151.0	0.0	316.4

