

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
 Data File : VF060727.D
 Acq On : 14 Nov 2018 16:33
 Operator : VA/AP
 Sample : J5940-01
 Misc : 5.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-25(4-5)

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:30:44 PM

Quant Time: Nov 15 07:11:04 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	4.84	168	230836	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	399202	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	380549	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	167819	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	123681	46.97	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.94%	
35) Dibromofluoromethane	4.09	113	140859	46.94	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	93.88%	
50) Toluene-d8	7.54	98	336933	43.26	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	86.52%	
62) 4-Bromofluorobenzene	11.39	95	156114	43.43	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
16) Acetone	2.22	43	16299m	28.96	ug/l	Qvalue
20) Methylene Chloride	2.17	84	16000m	6.04	ug/l	

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

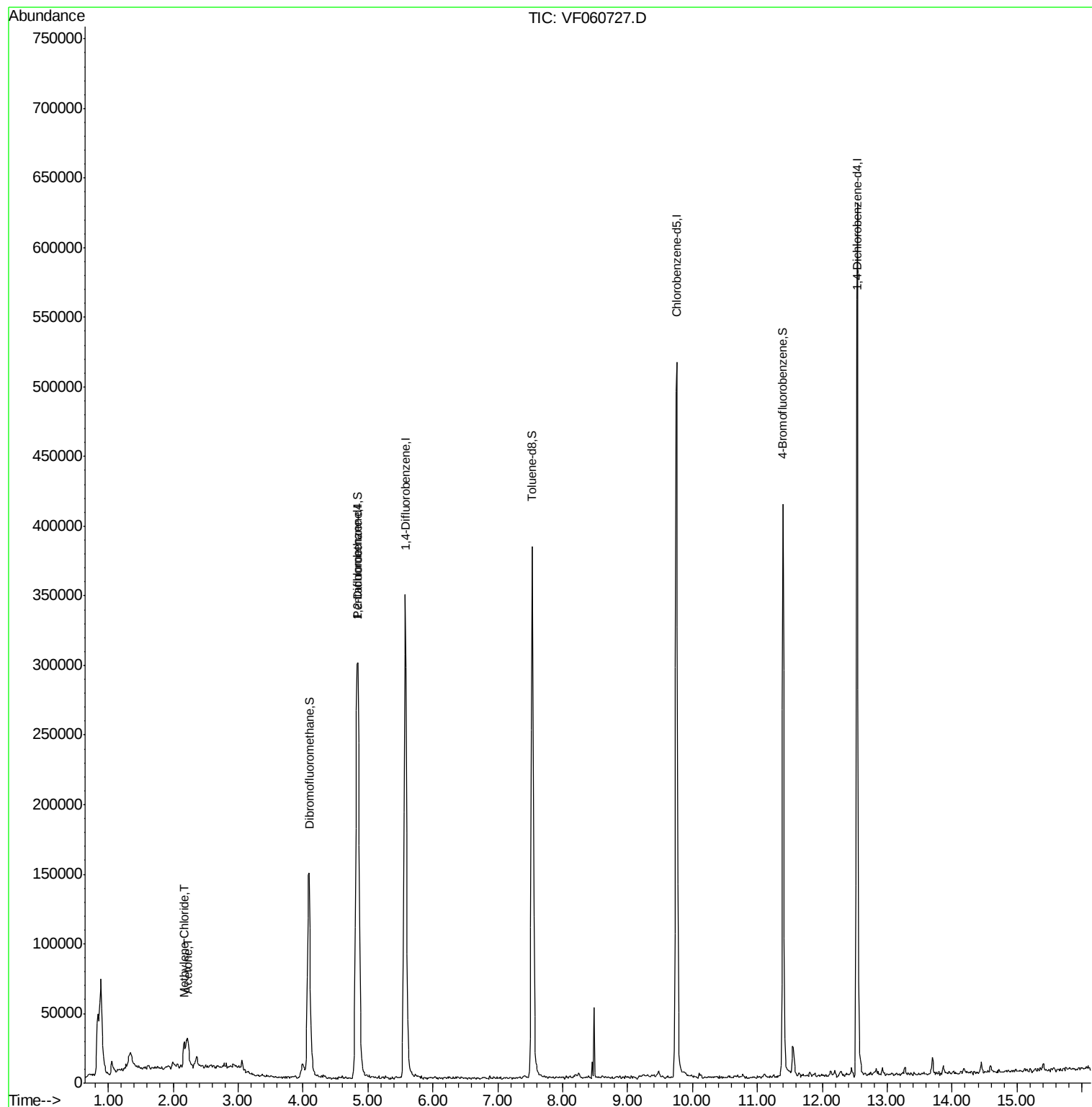
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
Data File : VF060727.D
Acq On : 14 Nov 2018 16:33
Operator : VA/AP
Sample : J5940-01
Misc : 5.88g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

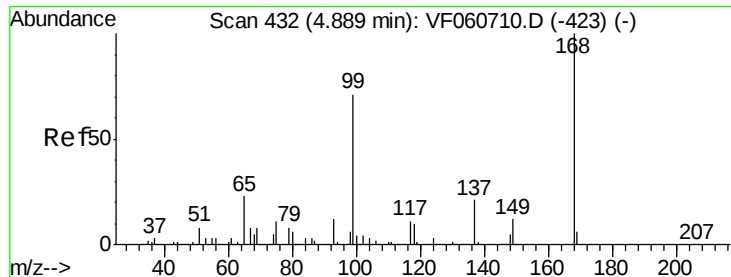
Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Manual Integrations
APPROVED

MMDadoda
11/15/2018 1:30:44 PM

Quant Time: Nov 15 07:11:04 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: 50.00 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060727.D

Acq: 14 Nov 2018 16:33

Instrument :

MSVOA_F

ClientSampleId :

B-25(4-5)

Tgt Ion: 168 Resp: 230836

Ion Ratio Lower Upper

168 100

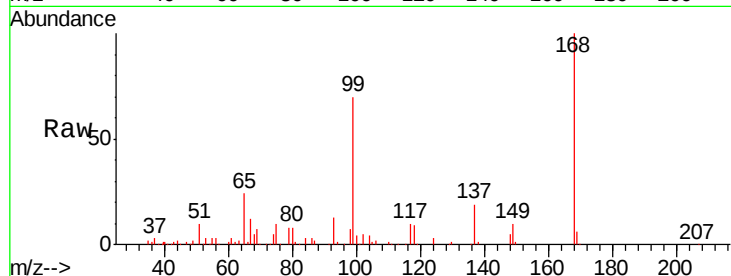
99 69.8 57.2 85.8

Manual Integrations

APPROVED

MMDadoda

11/15/2018 1:30:44 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

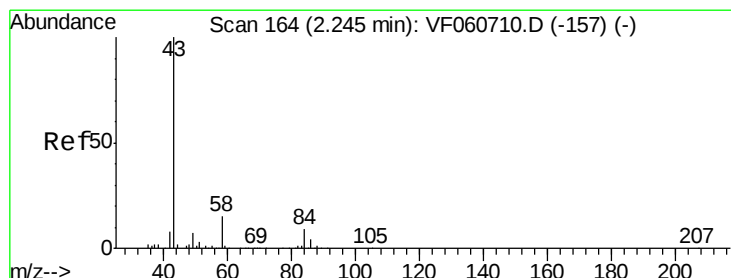
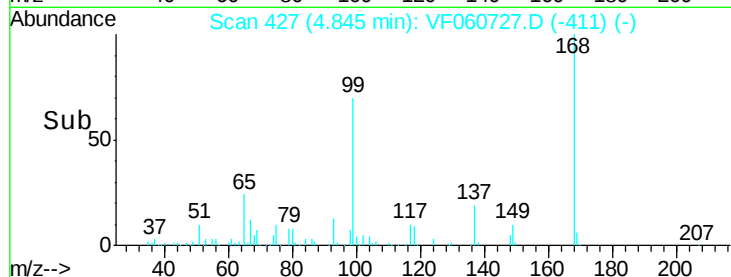
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#16

Acetone

Concen: 28.96 ug/l m

RT: 2.22 min Scan# 161

Delta R.T. -0.02 min

Lab File: VF060727.D

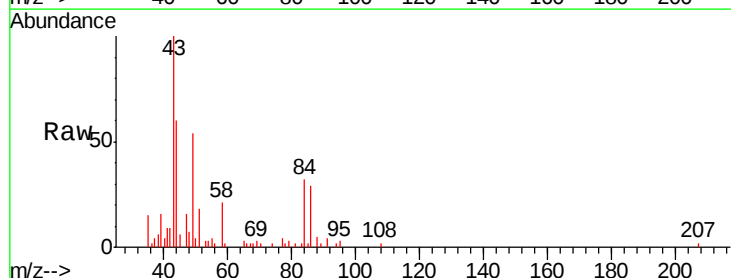
Acq: 14 Nov 2018 16:33

Tgt Ion: 43 Resp: 16299

Ion Ratio Lower Upper

43 100

58 21.1 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8000

6000

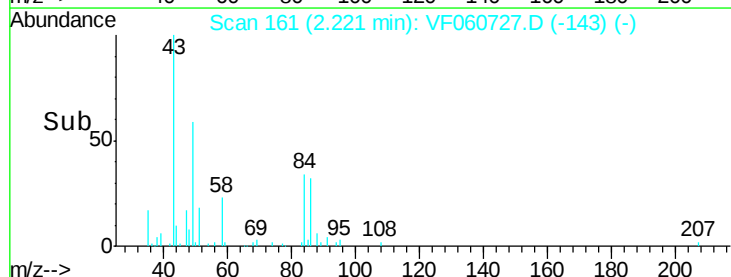
4000

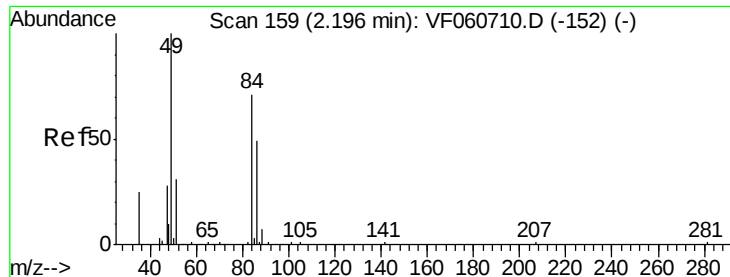
2000

0

2.15 2.20 2.25 2.30

Time-->





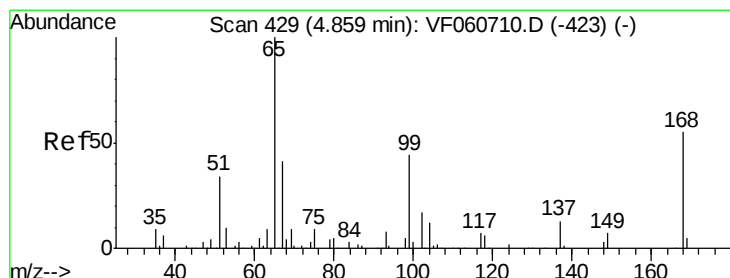
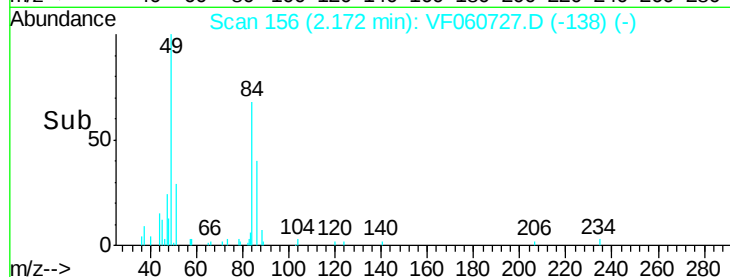
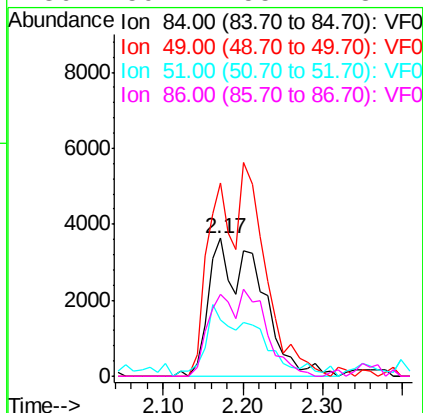
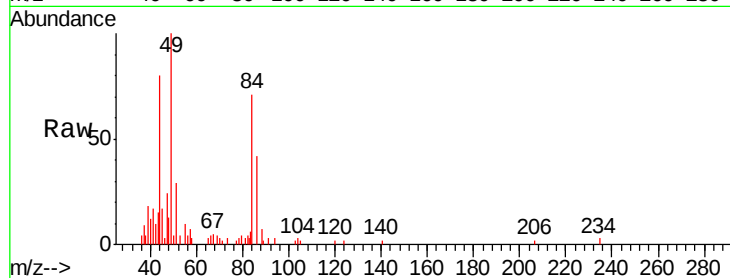
#20
Methylene Chloride
Concen: 6.04 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Tgt Ion:	84	Resp:	16000
Ion	Ratio	Lower	Upper
84	100		
49	140.4	120.2	180.4
51	41.3	37.2	55.8
86	59.2	55.1	82.7

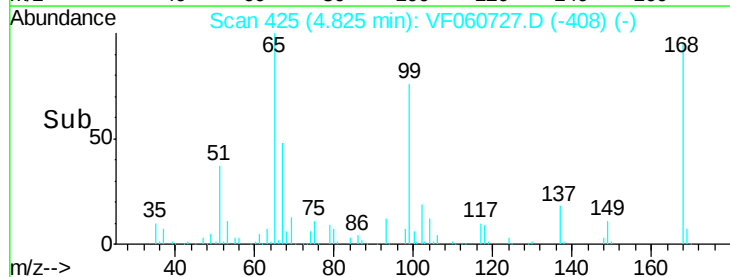
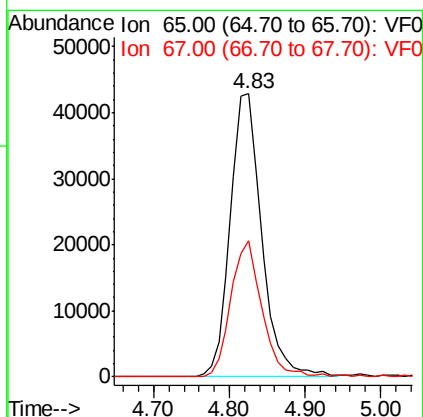
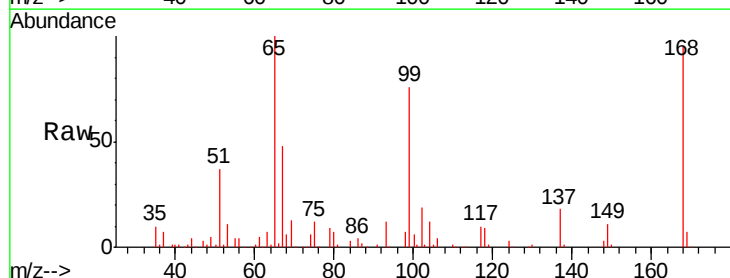
Manual Integrations
APPROVED

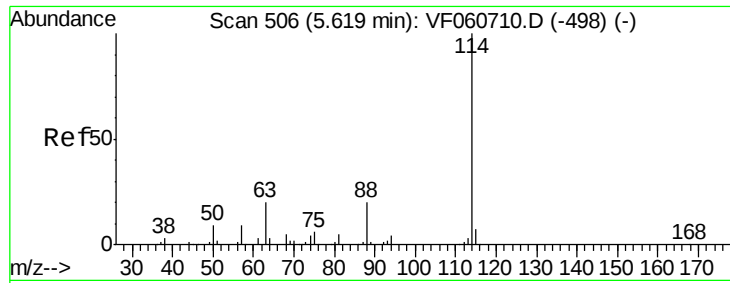
MMDadoda
11/15/2018 1:30:44 PM



#33
1,2-Dichloroethane-d4
Concen: 46.97 ug/l
RT: 4.83 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion:	65	Resp:	123681
Ion	Ratio	Lower	Upper
65	100		
67	47.9	0.0	90.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.04 min

Lab File: VF060727.D

Acq: 14 Nov 2018 16:33

Instrument :

MSVOA_F

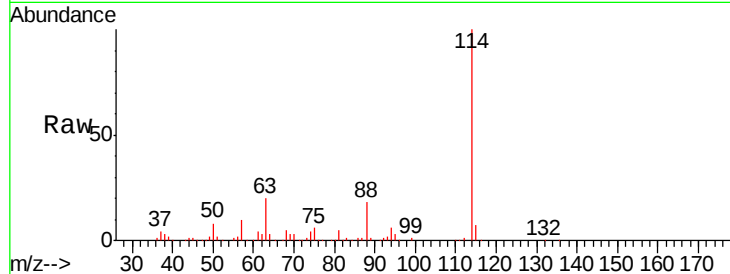
ClientSampleId :

B-25(4-5)

Tgt Ion:	114	Resp:	399202
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	40.8
88	18.5	0.0	39.6

Manual Integrations
APPROVED

MMDadoda
11/15/2018 1:30:44 PM



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

5.57

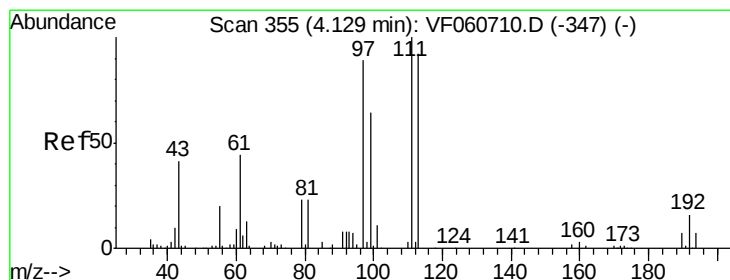
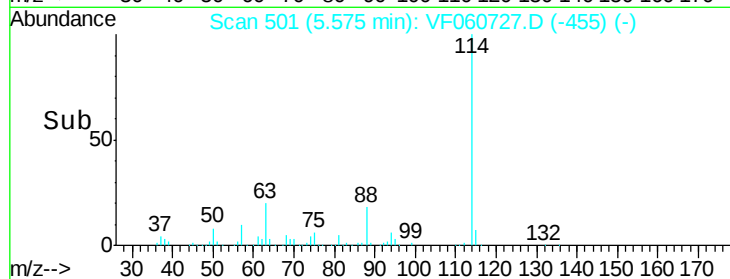
150000

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 46.94 ug/l

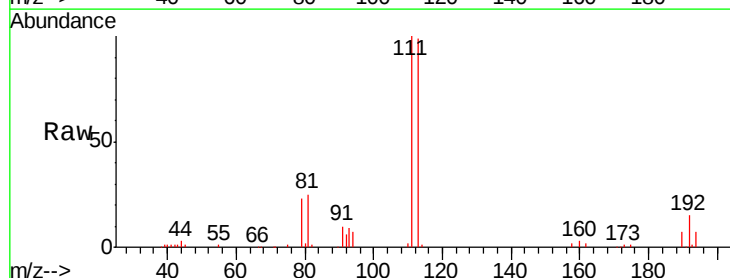
RT: 4.09 min Scan# 350

Delta R.T. -0.04 min

Lab File: VF060727.D

Acq: 14 Nov 2018 16:33

Tgt Ion:	113	Resp:	140859
Ion Ratio	Lower	Upper	
113	100		
111	101.2	87.1	130.7
192	14.9	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

4.09

60000

50000

40000

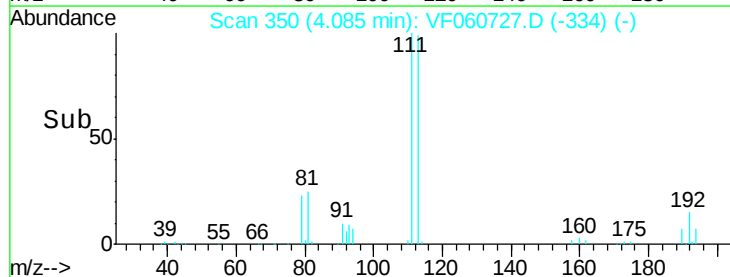
30000

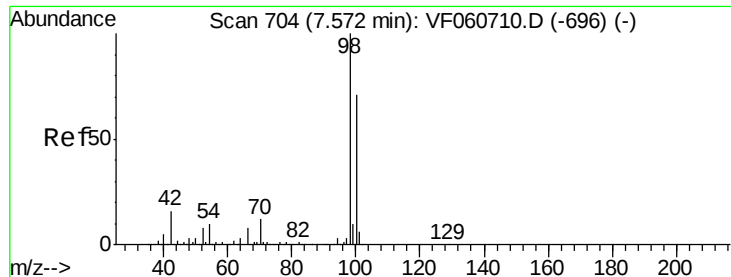
20000

10000

0

Time-->





#50

Toluene-d8

Concen: 43.26 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF060727.D

Acq: 14 Nov 2018 16:33

Instrument :

MSVOA_F

ClientSampleId :

B-25(4-5)

Tgt Ion: 98 Resp: 336933

Ion Ratio Lower Upper

98 100

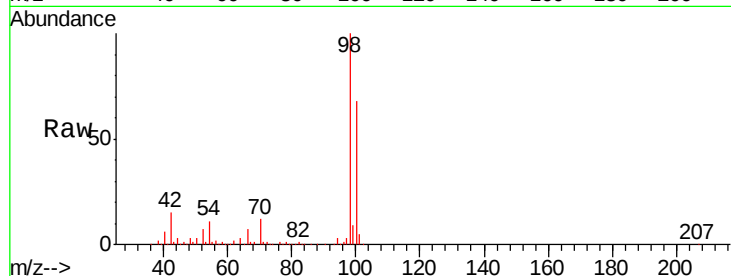
100 68.2 56.5 84.7

Manual Integrations

APPROVED

MMDadoda

11/15/2018 1:30:44 PM



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

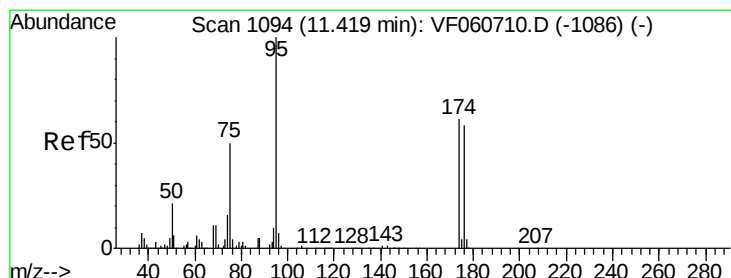
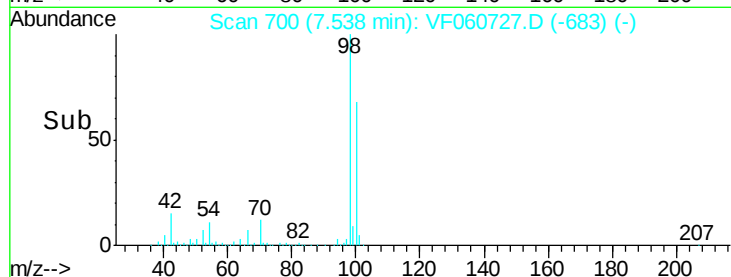
7.54

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.43 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VF060727.D

Acq: 14 Nov 2018 16:33

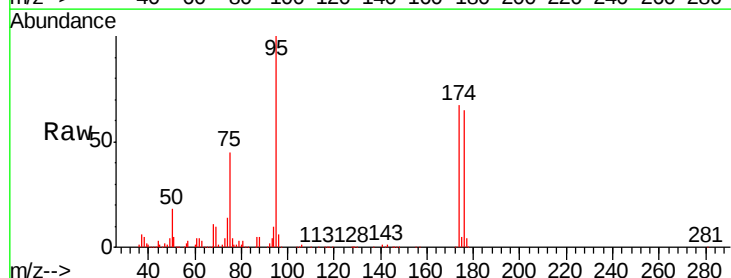
Tgt Ion: 95 Resp: 156114

Ion Ratio Lower Upper

95 100

174 67.4 0.0 121.6

176 65.4 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

120000

100000

80000

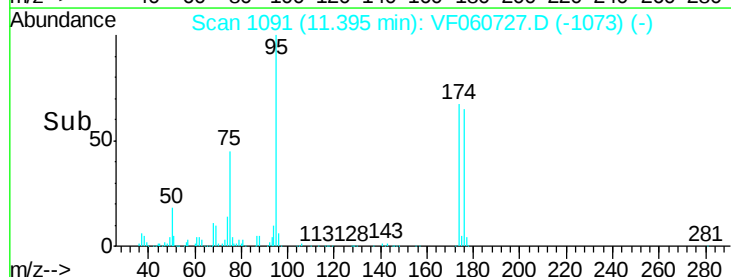
60000

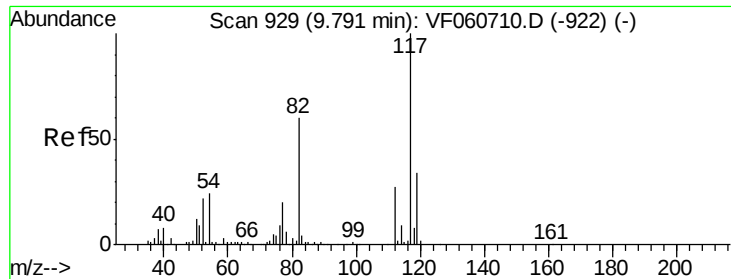
40000

20000

0

Time-->





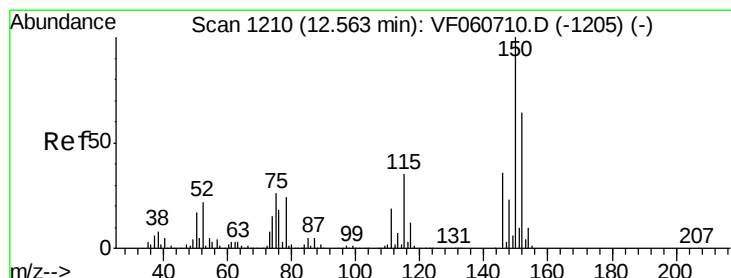
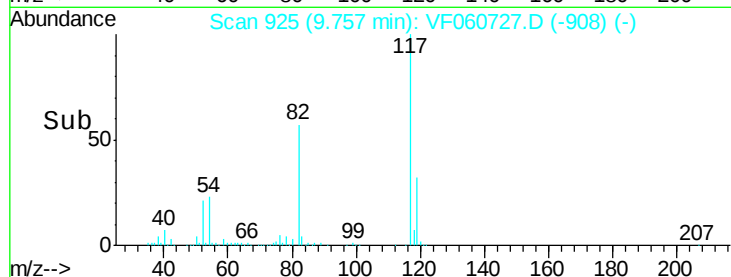
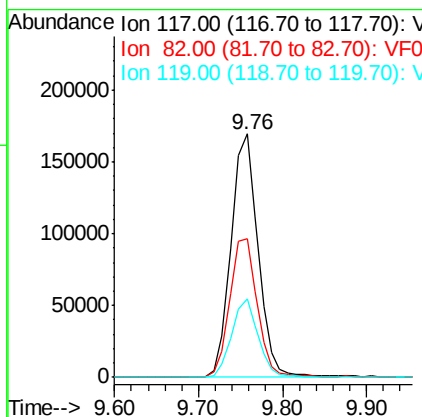
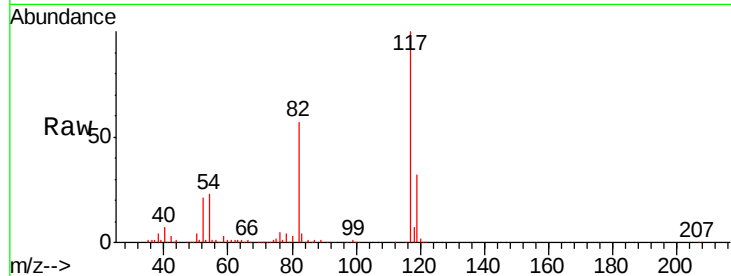
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	380549		
82	56.9	47.9	71.9	
119	32.4	26.8	40.2	

Manual Integrations
APPROVED

MMDadoda
11/15/2018 1:30:44 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	167819		
115	55.4	27.9	83.7	
150	121.9	0.0	316.4	

