

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
 Data File : VF061749.D
 Acq On : 26 Feb 2019 18:58
 Operator : VA/AP
 Sample : K1627-03
 Misc : 5.41g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-(2-5)

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 3:19:49 PM

Quant Time: Feb 27 04:37:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	342752	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.57	114	526631	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.75	117	404343	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	193704	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	82897	32.98	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	65.96%	
35) Dibromofluoromethane	4.09	113	135443	34.63	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	69.26%	
50) Toluene-d8	7.53	98	322287	28.67	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	57.34%	
62) 4-Bromofluorobenzene	11.39	95	124695	27.41	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	54.82%	
Target Compounds						
16) Acetone	2.23	43	9995m	18.534	ug/l	Qvalue
20) Methylene Chloride	2.25	84	17724m	3.805	ug/l	

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

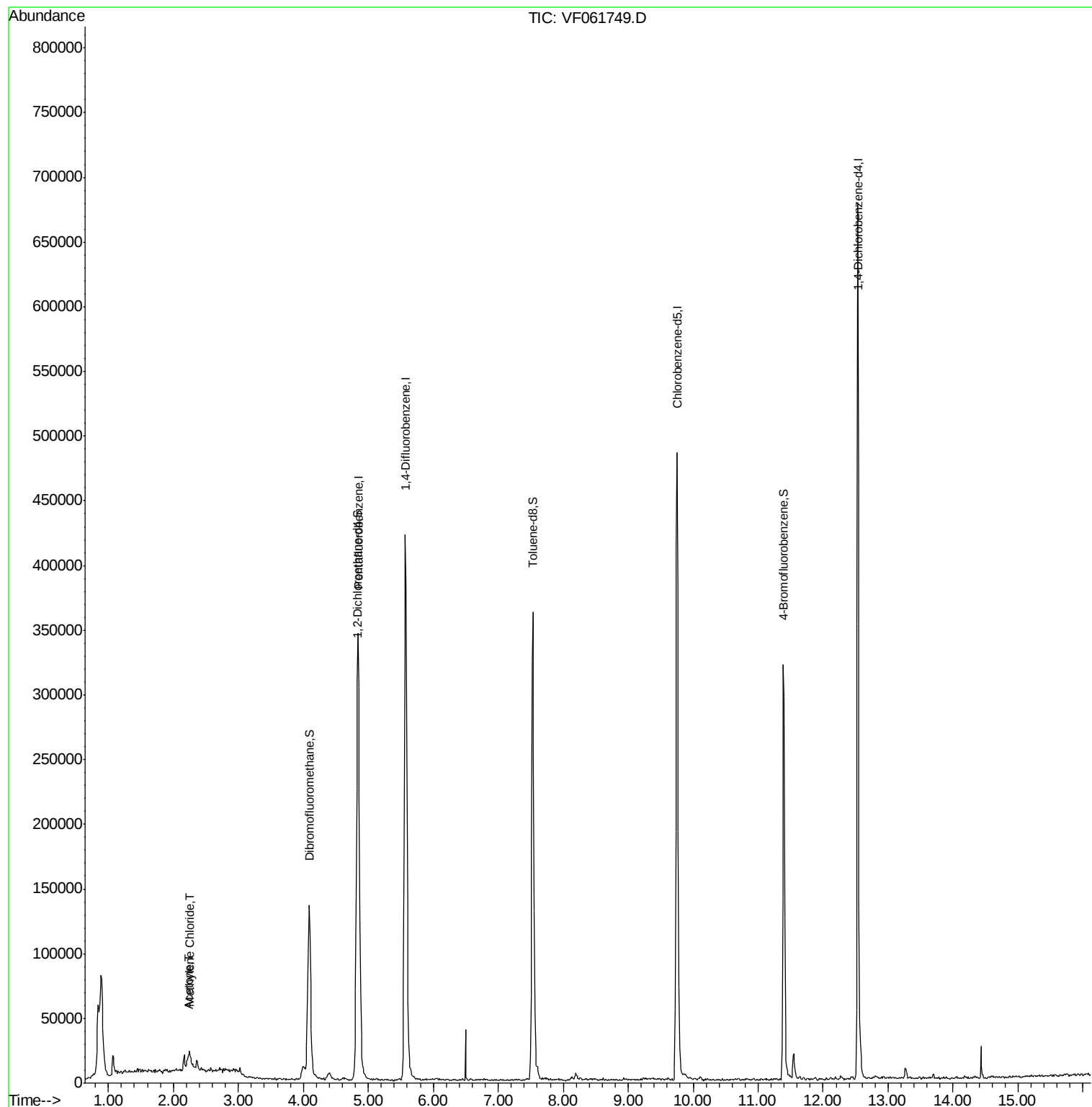
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022619\
Data File : VF061749.D
Acq On : 26 Feb 2019 18:58
Operator : VA/AP
Sample : K1627-03
Misc : 5.41g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

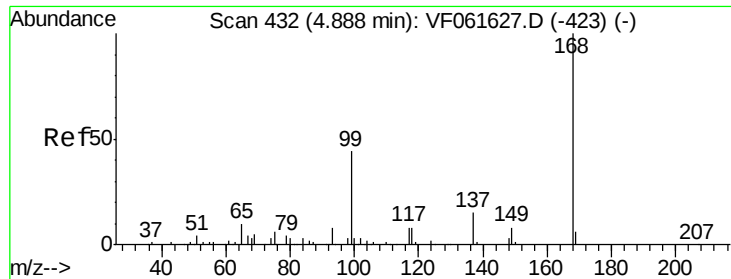
Instrument :
MSVOA_F
ClientSampleId :
SB-02-(2-5)

Manual Integrations
APPROVED

MMDadoda
2/27/2019 3:19:49 PM

Quant Time: Feb 27 04:37:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.05 min

Lab File: VF061749.D

Acq: 26 Feb 2019 18:58

Instrument :

MSVOA_F

ClientSampleId :

SB-02-(2-5)

Tot Ion:168 Resp: 342752

Ion Ratio Lower Upper

168 100

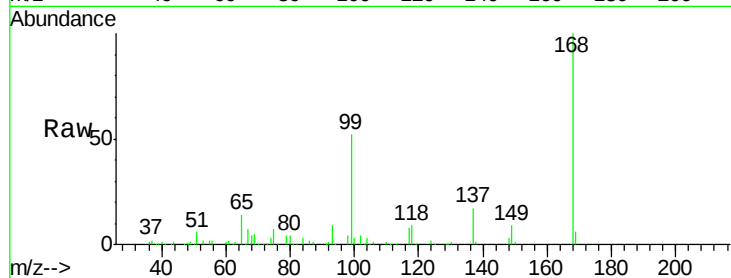
99 52.1 34.9 52.3

Manual Integrations

APPROVED

MMDadoda

2/27/2019 3:19:49 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.84

120000

100000

80000

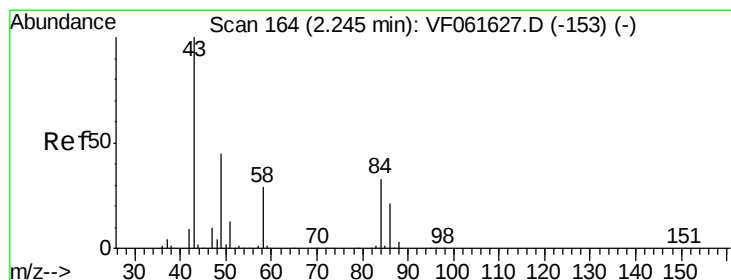
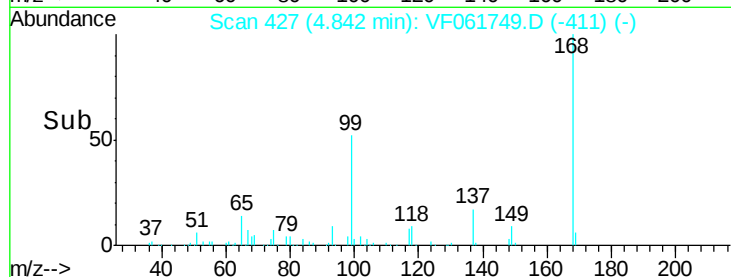
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 18.534 ug/l m

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061749.D

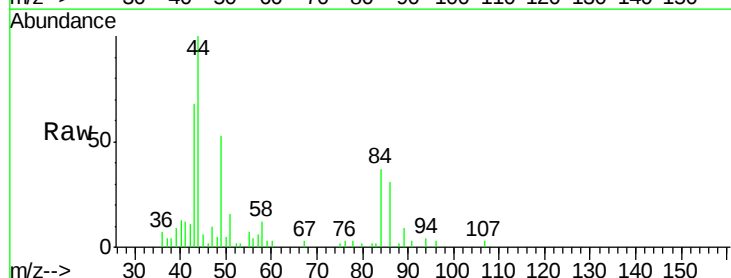
Acq: 26 Feb 2019 18:58

Tgt Ion: 43 Resp: 9995

Ion Ratio Lower Upper

43 100

58 17.6 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

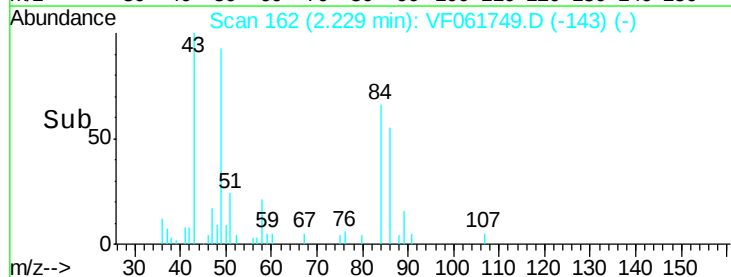
3000

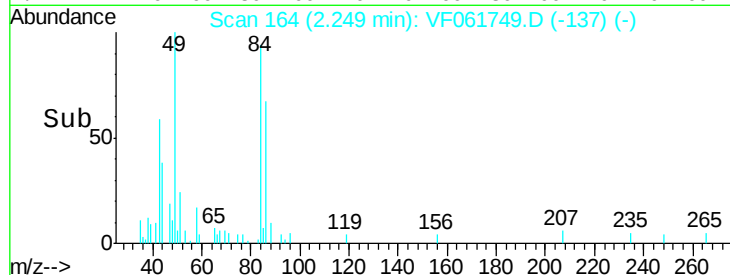
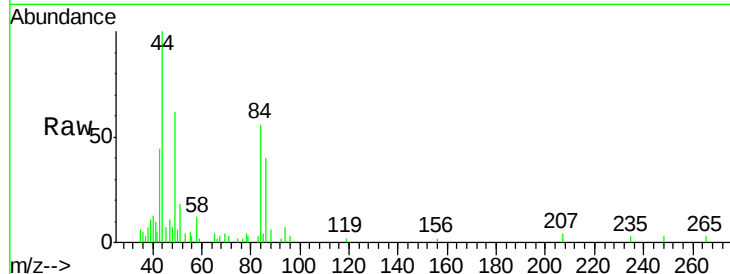
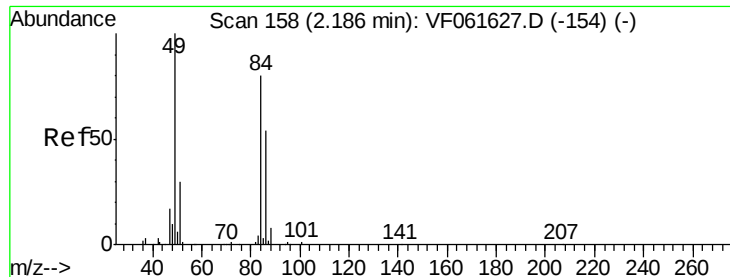
2000

1000

0

Time-->





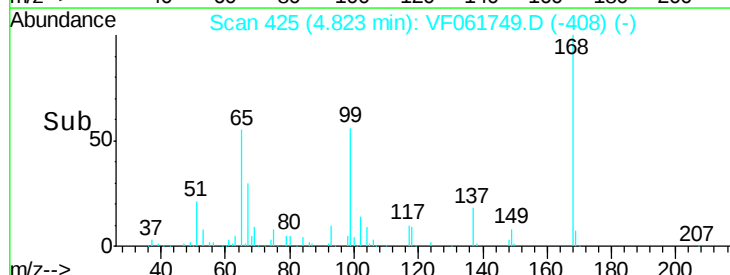
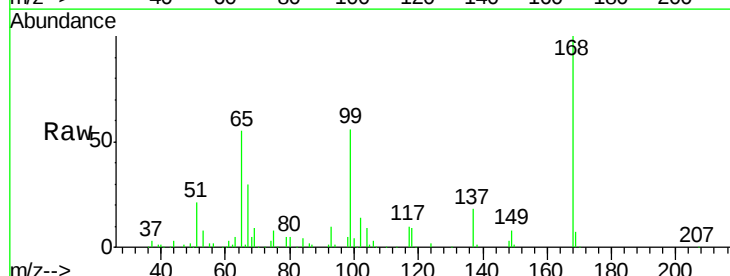
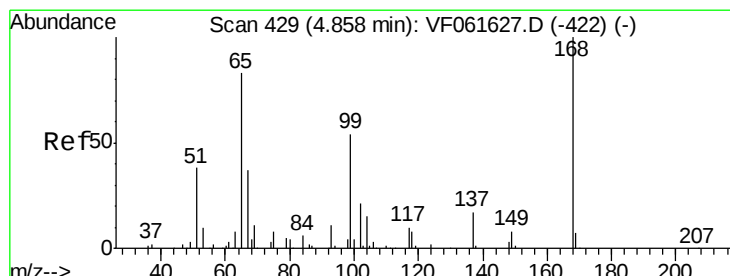
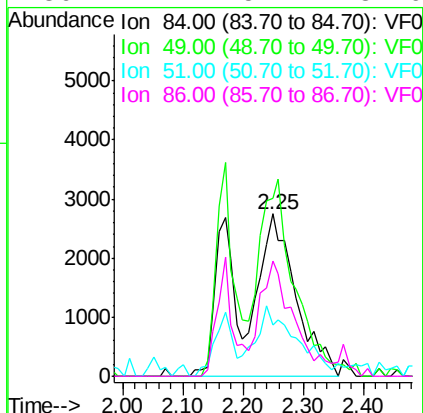
#20
Methvlene Chloride
Concen: 3.805 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. 0.06 min
Lab File: VF061749.D
Acq: 26 Feb 2019 18:58

Tot Ion	84	Resp	17724
Ion	Ratio	Lower	Upper
84	100		
49	109.6	101.8	152.8
51	31.6	31.1	46.7
86	71.4	54.4	81.6

Instrument :
MSVOA_F
ClientSampleId :
SB-02-(2-5)

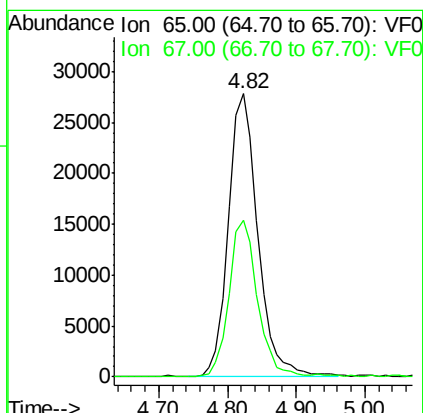
Manual Integrations
APPROVED

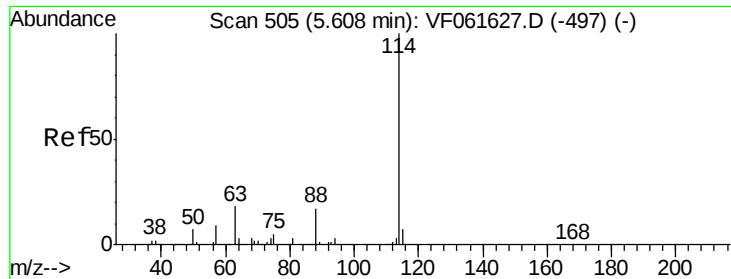
MMDadoda
2/27/2019 3:19:49 PM



#33
1,2-Dichloroethane-d4
Concen: 32.981 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061749.D
Acq: 26 Feb 2019 18:58

Tgt Ion	65	Resp	82897
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.04 min

Lab File: VF061749.D

Acq: 26 Feb 2019 18:58

Instrument :

MSVOA_F

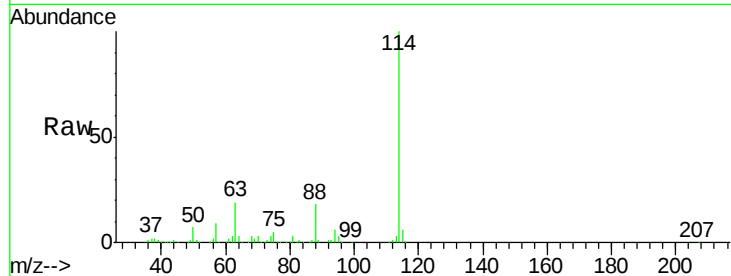
ClientSampleId :

SB-02-(2-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
114	100		526631		
63	18.7	0.0	36.6		
88	17.8	0.0	34.4		

Manual Integrations
APPROVED

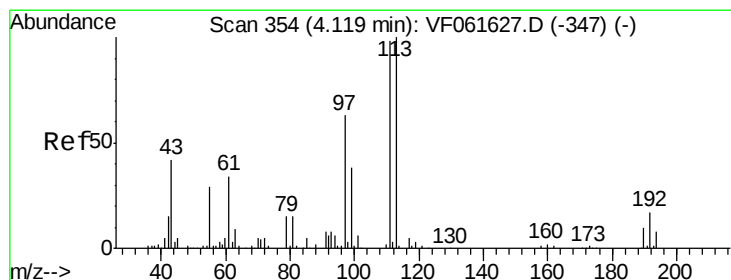
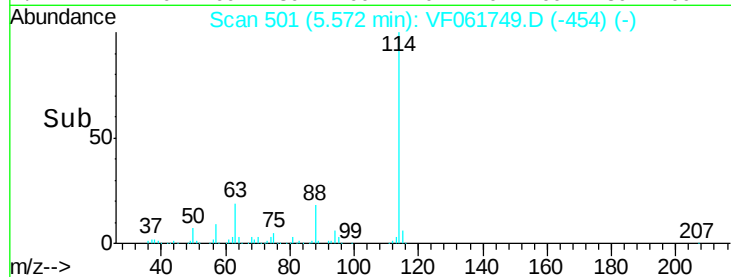
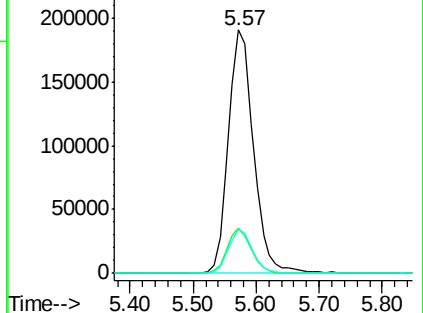
MMDadoda
2/27/2019 3:19:49 PM



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



#35

Dibromofluoromethane

Concen: 34.633 ug/l

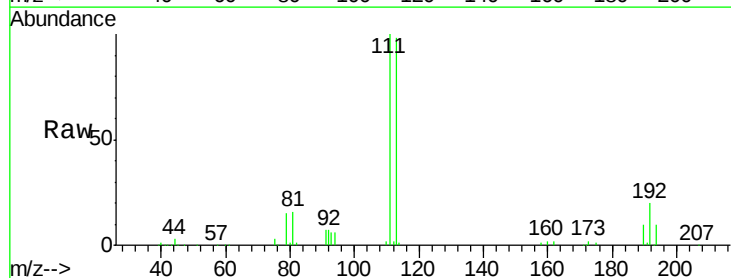
RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061749.D

Acq: 26 Feb 2019 18:58

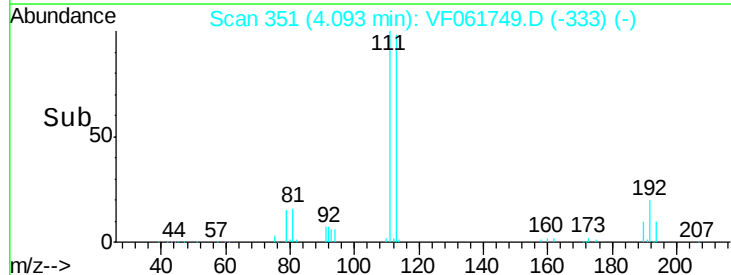
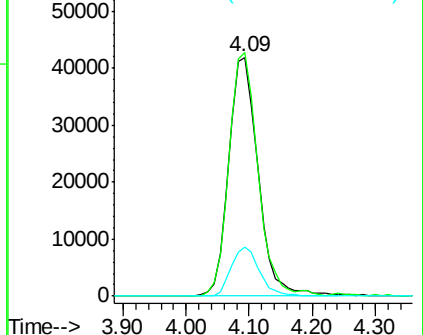
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
113	100		135443		
111	102.0	78.8	118.2		
192	20.4	13.4	20.0#		

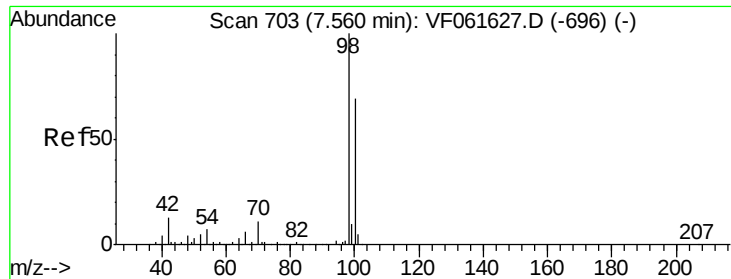


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





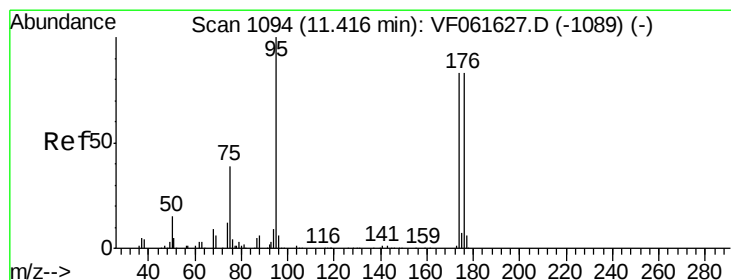
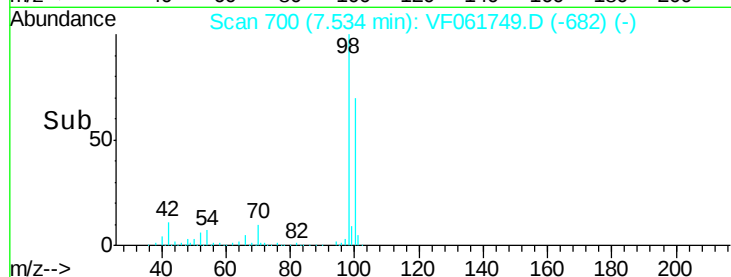
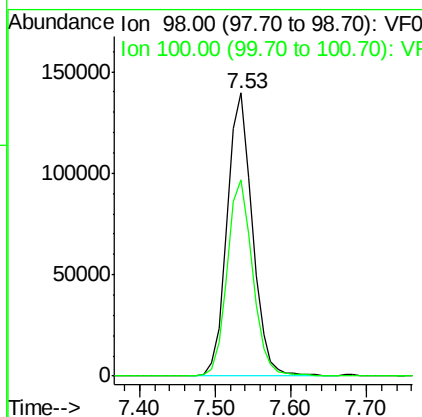
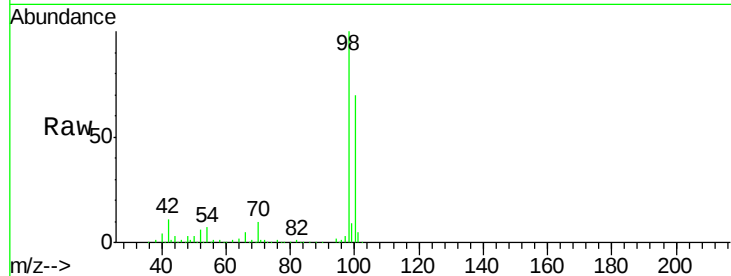
#50
Toluene-d8
Concen: 28.667 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061749.D
Acq: 26 Feb 2019 18:58

Instrument :
MSVOA_F
ClientSampleId :
SB-02-(2-5)

Tot Ion	Ratio	Lower	Upper
98	100		
100	69.5	55.4	83.2

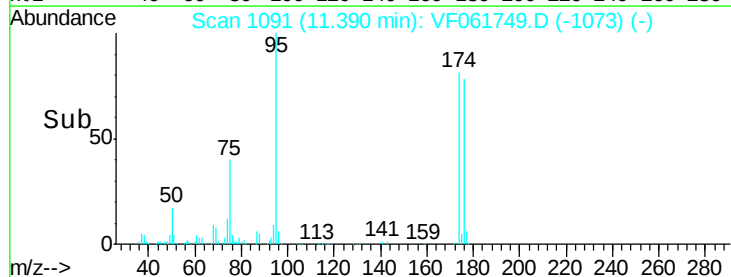
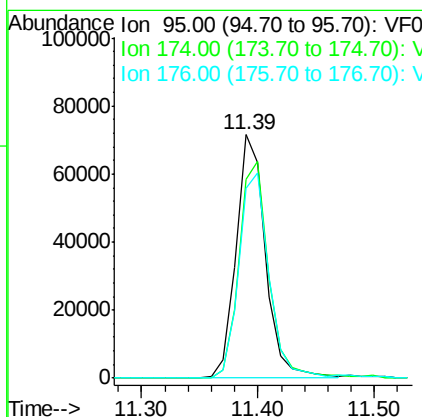
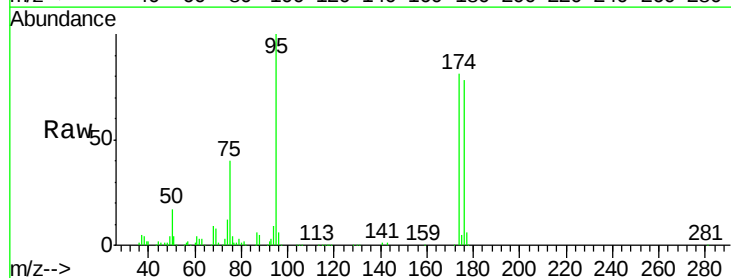
Manual Integrations
APPROVED

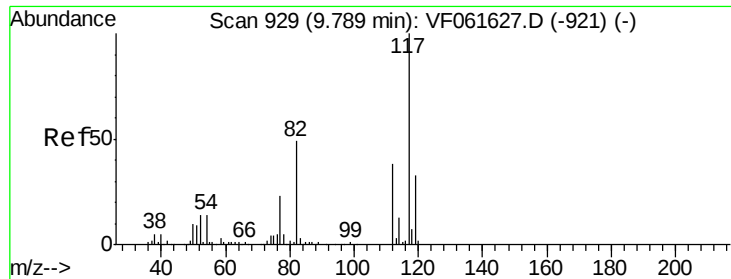
MMDadoda
2/27/2019 3:19:49 PM



#62
4-Bromofluorobenzene
Concen: 27.412 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.03 min
Lab File: VF061749.D
Acq: 26 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	165.8
176	78.0	0.0	167.0





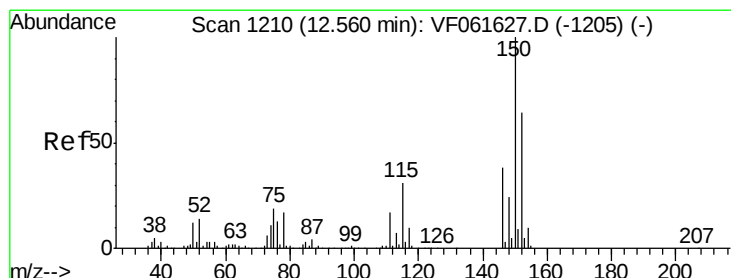
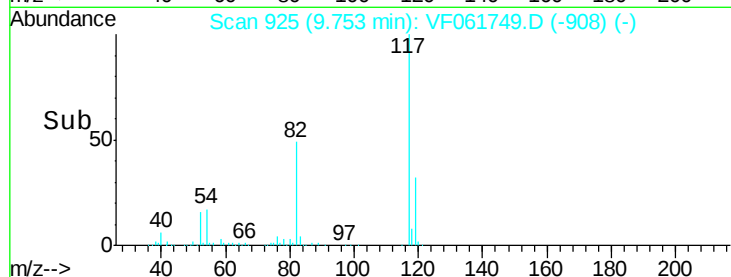
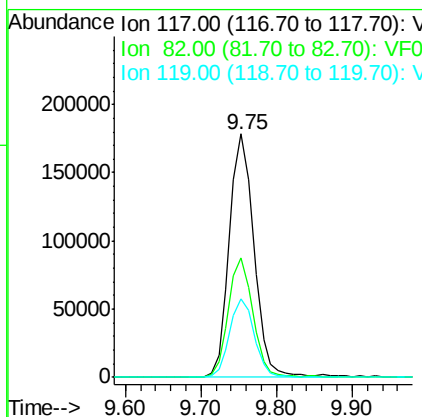
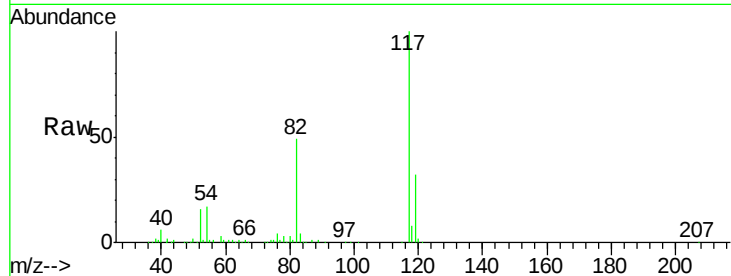
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF061749.D
Acq: 26 Feb 2019 18:58

Instrument :
MSVOA_F
ClientSampleId :
SB-02-(2-5)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	404343		
82	49.0		39.3	58.9
119	32.4		26.6	40.0

Manual Integrations
APPROVED

MMDadoda
2/27/2019 3:19:49 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF061749.D
Acq: 26 Feb 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	193704		
115	55.4		24.3	72.8
150	153.2		0.0	312.0

