

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012819\
 Data File : VF061540.D
 Acq On : 28 Jan 2019 16:25
 Operator : VA/AP
 Sample : K1016-11
 Misc : 6.87g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-05-012819

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 12:19:14 PM

Quant Time: Jan 29 04:49:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	228376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	440561	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	372291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	170561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	115152	40.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.68%	
35) Dibromofluoromethane	4.11	113	134598	38.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.44%	
50) Toluene-d8	7.55	98	320785	33.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.36%	
62) 4-Bromofluorobenzene	11.41	95	140262	31.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.04%	
Target Compounds						
16) Acetone	2.23	43	21247	37.562	ug/l	98
20) Methylene Chloride	2.18	84	14785m	6.159	ug/l	
84) 1,2,4-Trimethylbenzene	12.20	105	18534	1.607	ug/l	83
95) Naphthalene	14.46	128	9100	1.248	ug/l #	46

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

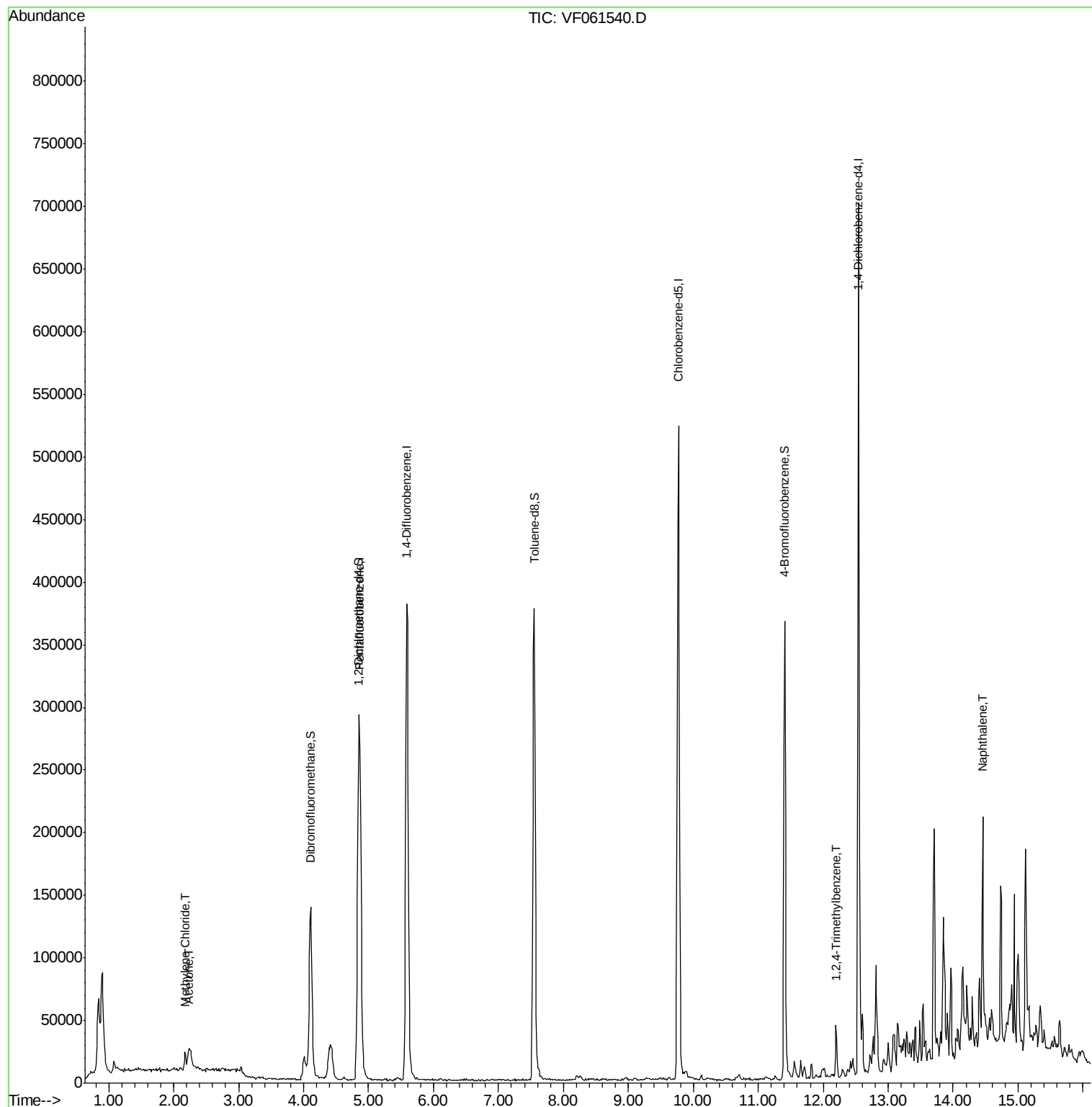
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012819\
Data File : VF061540.D
Acq On : 28 Jan 2019 16:25
Operator : VA/AP
Sample : K1016-11
Misc : 6.87g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

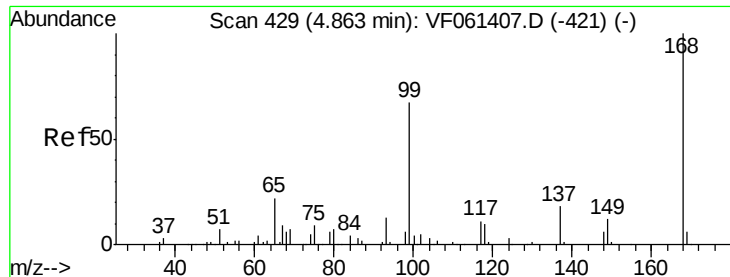
Instrument :
MSVOA_F
ClientSampleId :
TR-05-012819

Manual Integrations
APPROVED

MMDadoda
1/29/2019 12:19:14 PM

Quant Time: Jan 29 04:49:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF061540.D

Acq: 28 Jan 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

TR-05-012819

Tot Ion:168 Resp: 228376

Ion Ratio Lower Upper

168 100

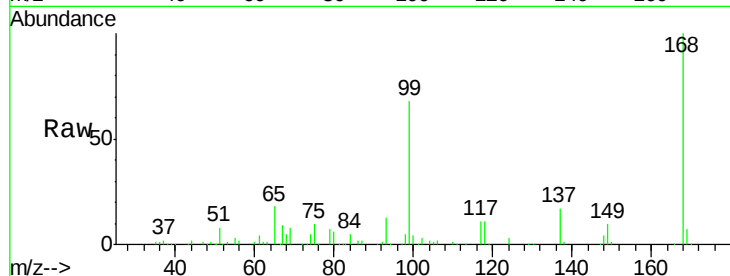
99 67.7 53.5 80.3

Manual Integrations

APPROVED

MMDadoda

1/29/2019 12:19:14 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

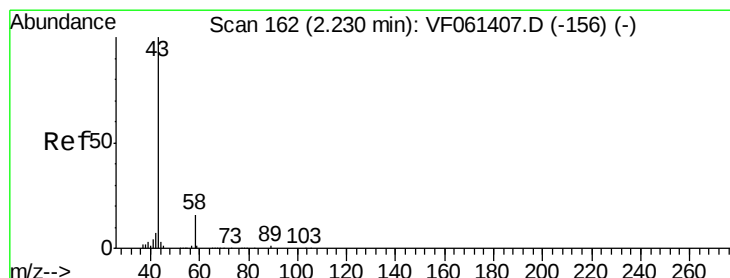
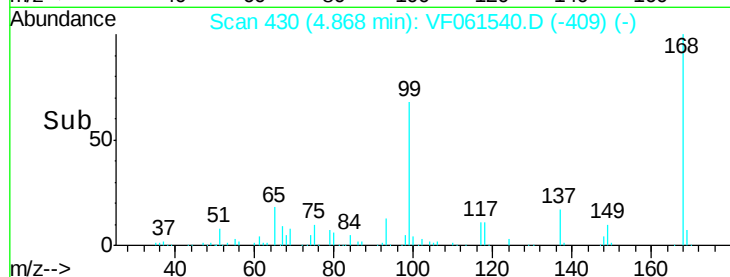
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 37.562 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061540.D

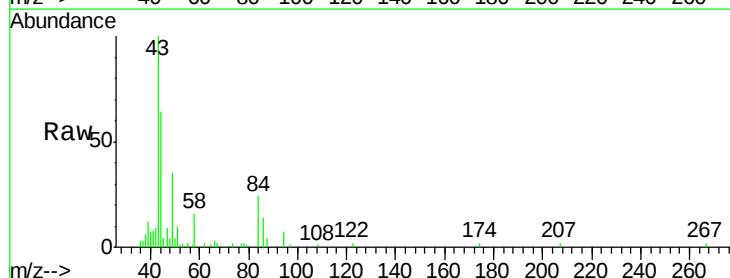
Acq: 28 Jan 2019 16:25

Tgt Ion: 43 Resp: 21247

Ion Ratio Lower Upper

43 100

58 15.9 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

8000

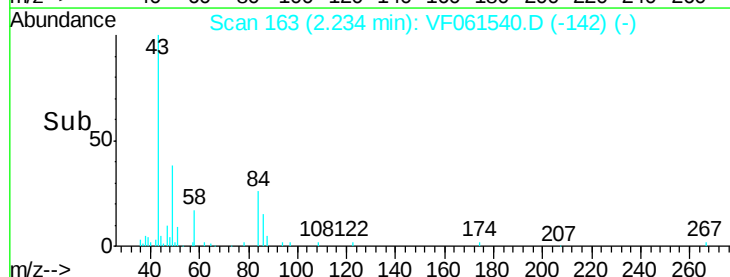
6000

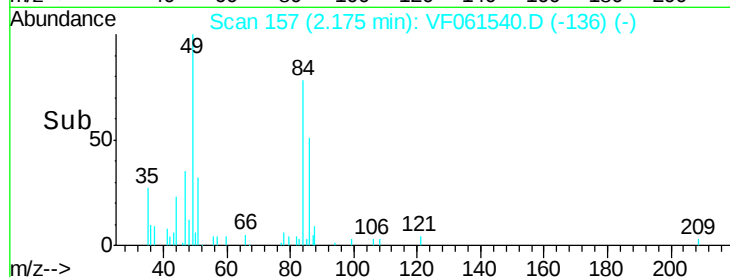
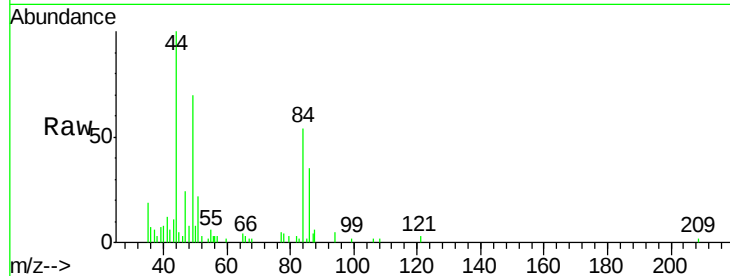
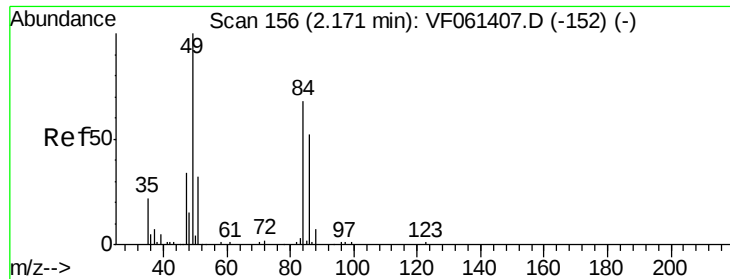
4000

2000

0

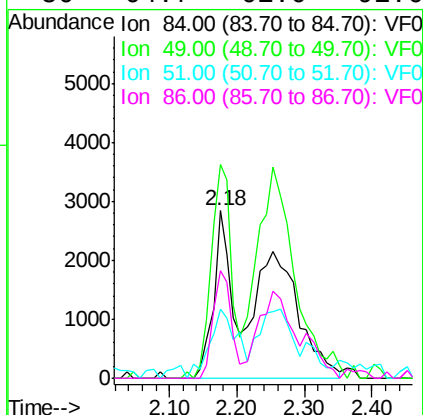
Time-->





#20
Methvlene Chloride
Concen: 6.159 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061540.D
Acq: 28 Jan 2019 16:25

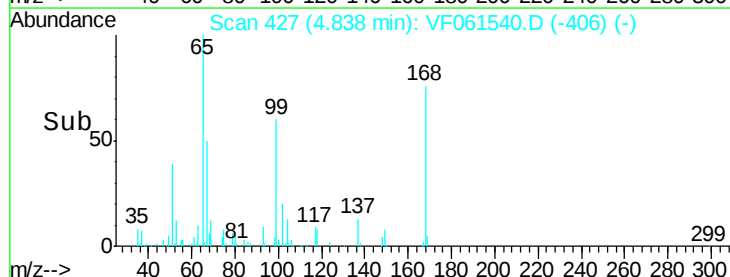
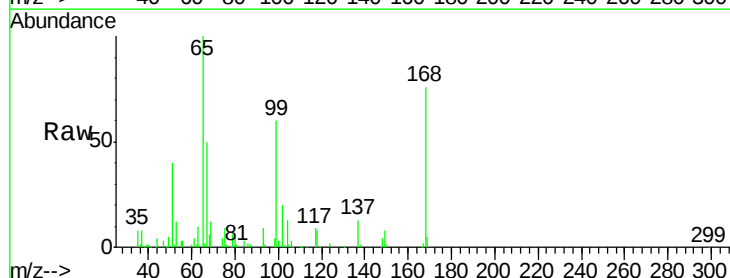
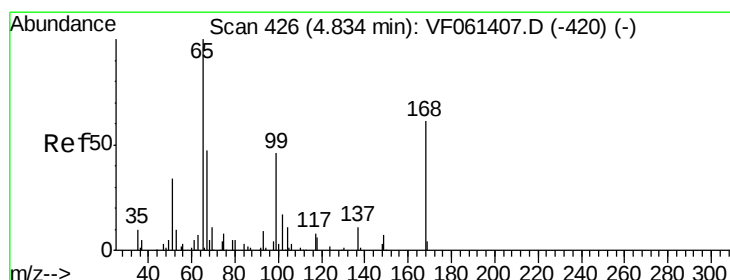
Tot Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	127.7	120.0	180.0
51	51	41.0	38.6	58.0
86	86	64.7	61.0	91.6



Instrument :
MSVOA_F
ClientSampleId :
TR-05-012819

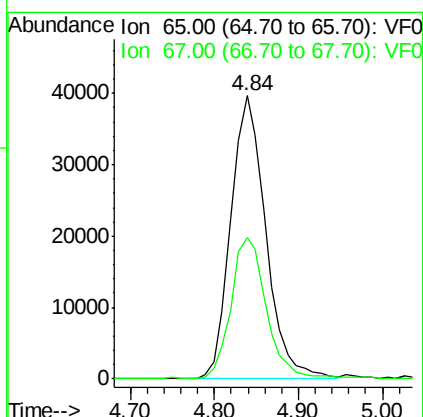
Manual Integrations
APPROVED

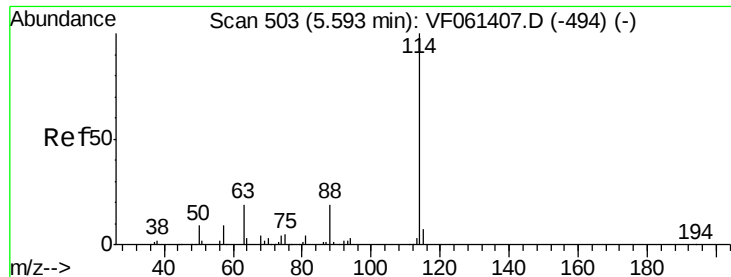
MMDadoda
1/29/2019 12:19:14 PM



#33
1,2-Dichloroethane-d4
Concen: 40.840 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.00 min
Lab File: VF061540.D
Acq: 28 Jan 2019 16:25

Tgt Ion	Ion	Ratio	Lower	Upper
65	65	100		
67	67	49.8	0.0	99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF061540.D

Acq: 28 Jan 2019 16:25

Instrument :

MSVOA_F

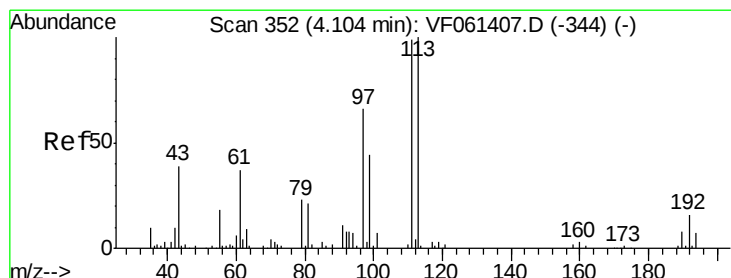
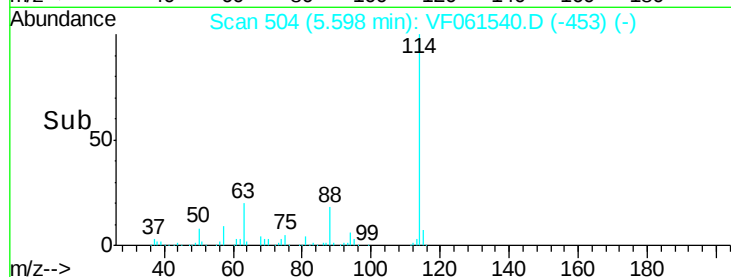
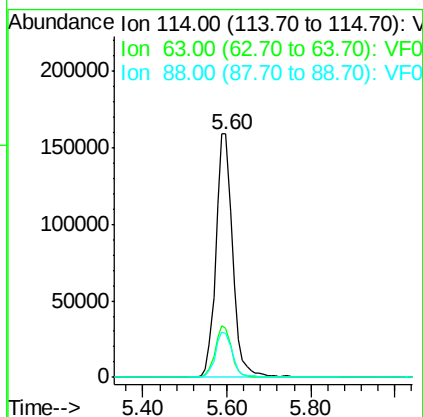
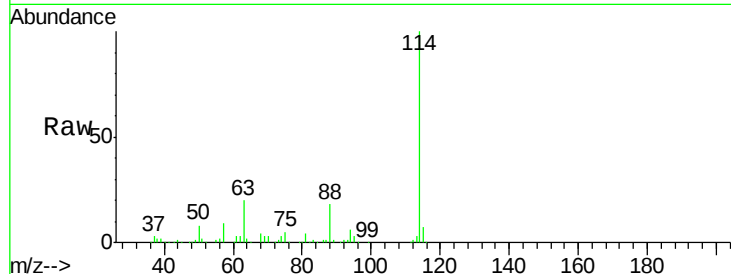
ClientSampleId :

TR-05-012819

Tot Ion:	114	Resp:	440561
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	39.0
88	18.0	0.0	37.4

Manual Integrations
APPROVED

MMDadoda
1/29/2019 12:19:14 PM



#35

Dibromofluoromethane

Concen: 38.718 ug/l

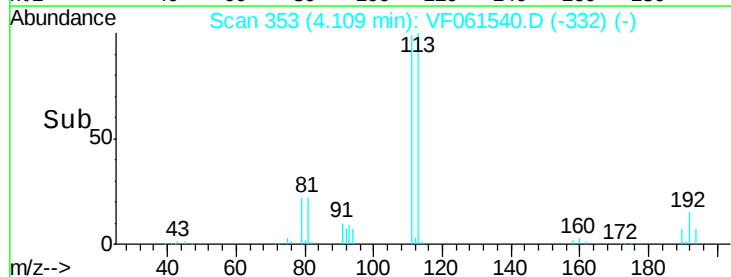
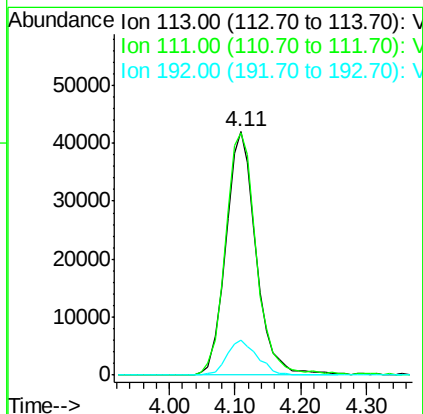
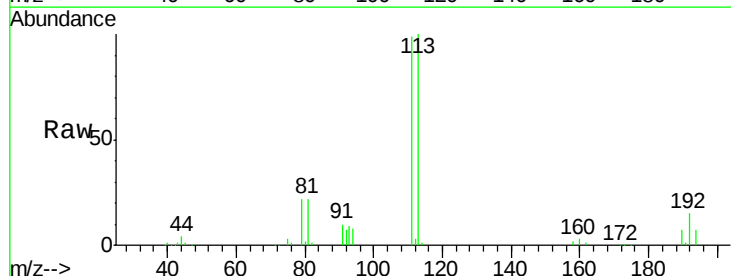
RT: 4.11 min Scan# 353

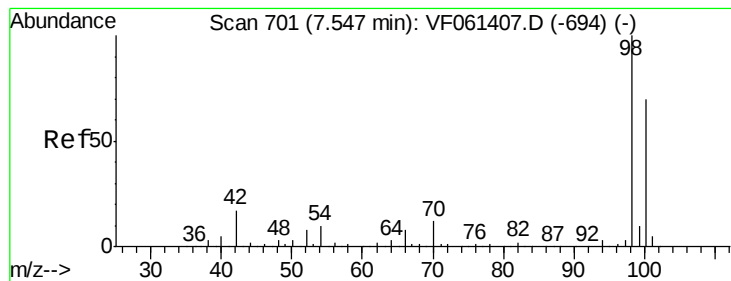
Delta R.T. 0.00 min

Lab File: VF061540.D

Acq: 28 Jan 2019 16:25

Tgt Ion:	113	Resp:	134598
Ion Ratio	Lower	Upper	
113	100		
111	99.4	79.4	119.0
192	14.6	12.4	18.6





#50

Toluene-d8

Concen: 33.679 ug/l

RT: 7.55 min Scan# 702

Delta R.T. 0.00 min

Lab File: VF061540.D

Acq: 28 Jan 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

TR-05-012819

Tot Ion: 98 Resp: 320785

Ion Ratio Lower Upper

98 100

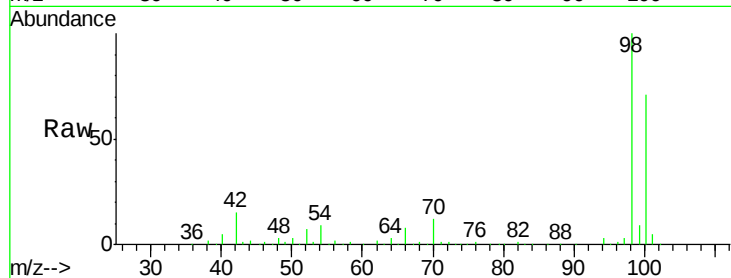
100 70.5 55.6 83.4

Manual Integrations

APPROVED

MMDadoda

1/29/2019 12:19:14 PM



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

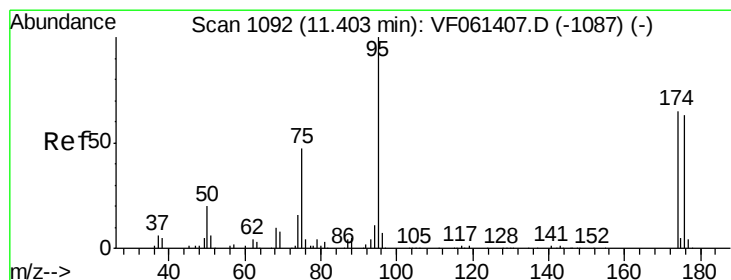
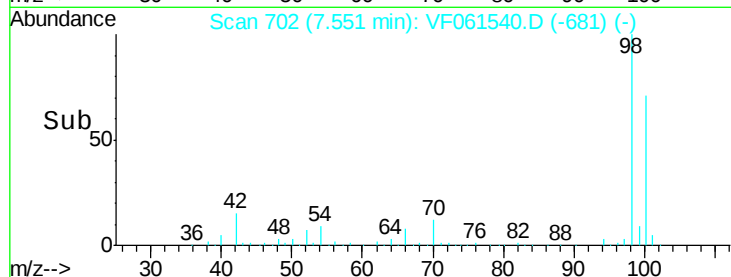
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 31.518 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061540.D

Acq: 28 Jan 2019 16:25

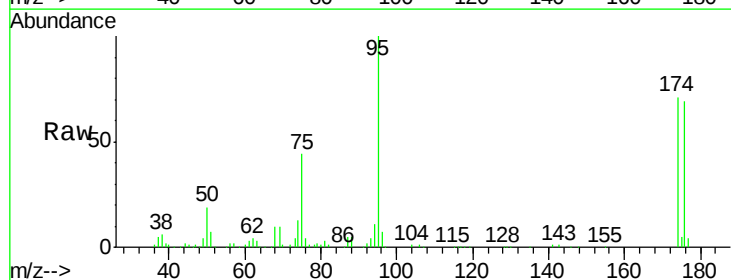
Tgt Ion: 95 Resp: 140262

Ion Ratio Lower Upper

95 100

174 70.9 0.0 130.4

176 69.3 0.0 126.2



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

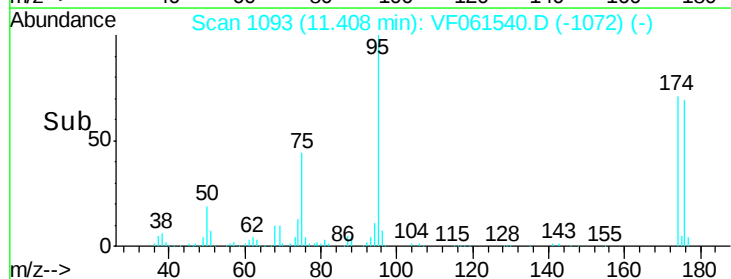
40000

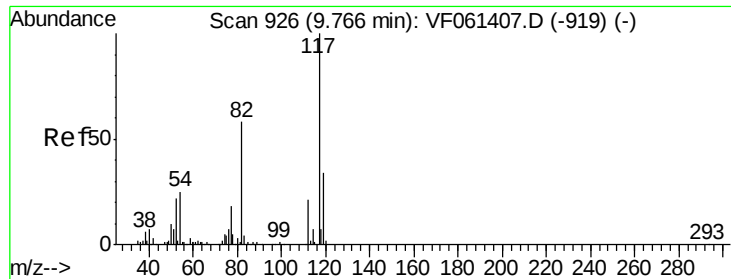
20000

0

11.30 11.40 11.50 11.60

Time-->





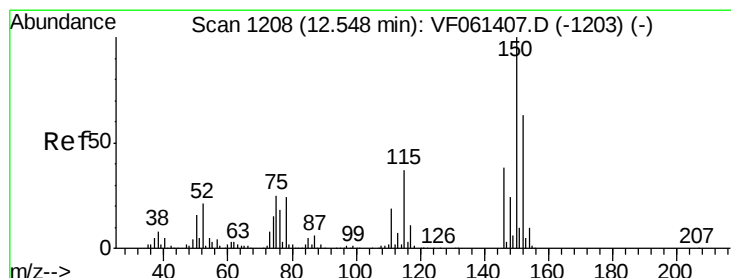
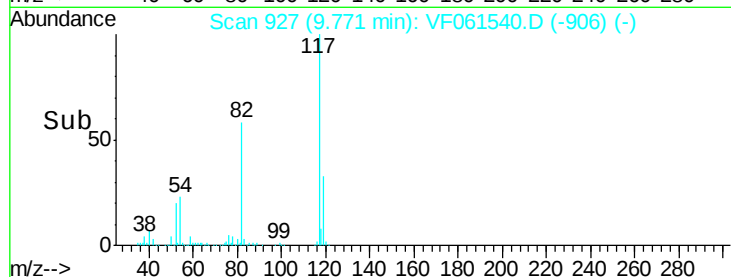
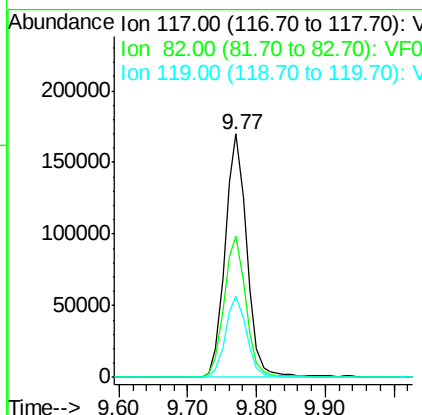
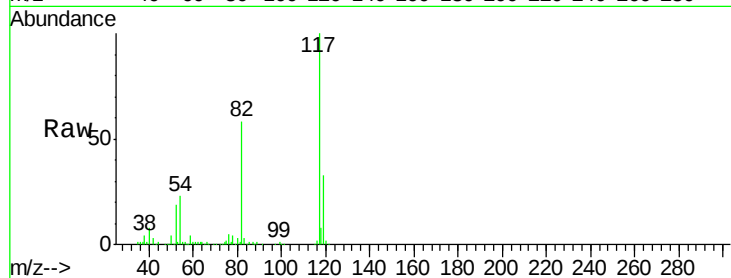
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061540.D
Acq: 28 Jan 2019 16:25

Instrument :
MSVOA_F
ClientSampleId :
TR-05-012819

Tot Ion	Ratio	Resp	Lower	Upper
117	100	372291		
82	57.9	46.4	69.6	
119	33.1	27.2	40.8	

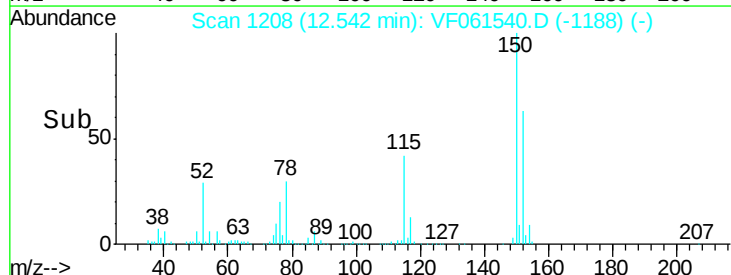
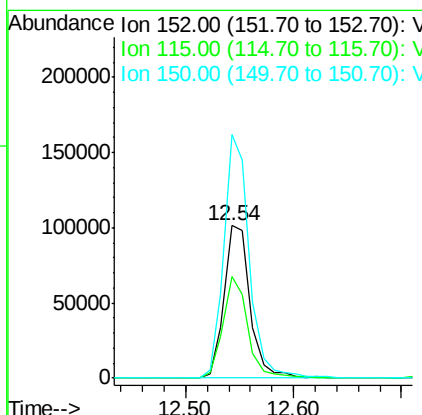
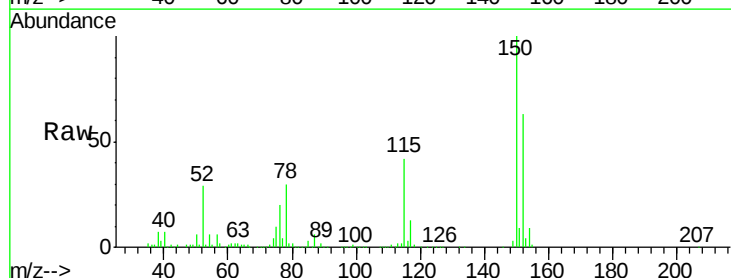
Manual Integrations
APPROVED

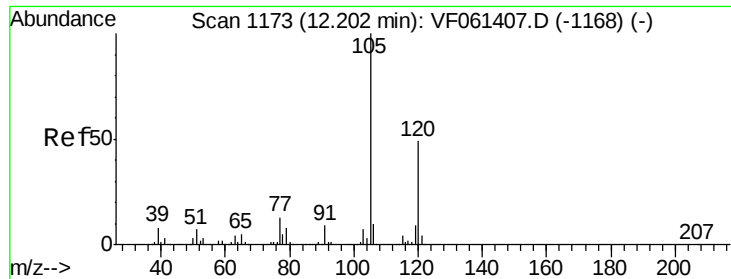
MMDadoda
1/29/2019 12:19:14 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061540.D
Acq: 28 Jan 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	170561		
115	66.8	30.0	90.0	
150	159.9	0.0	321.4	





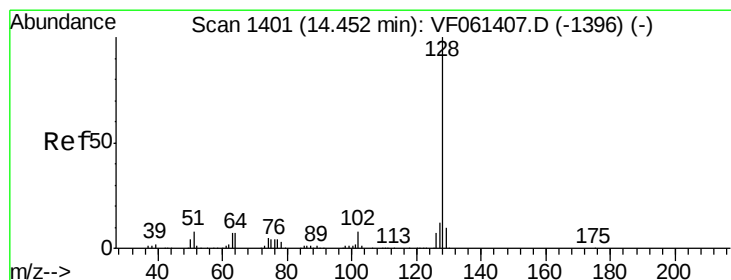
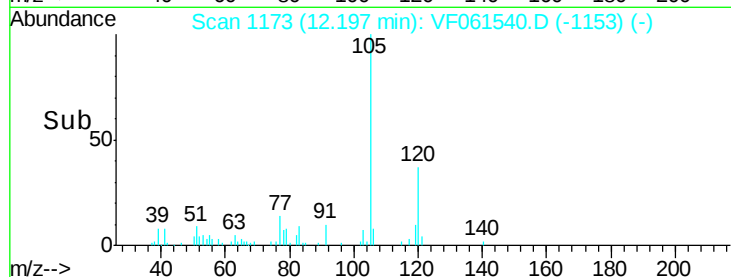
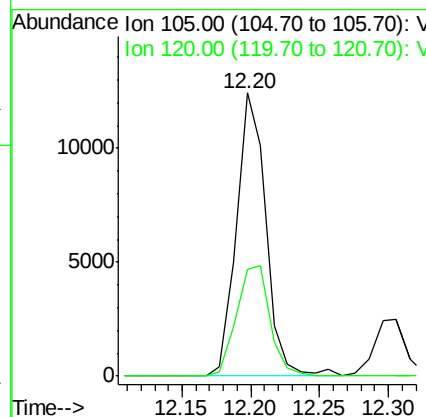
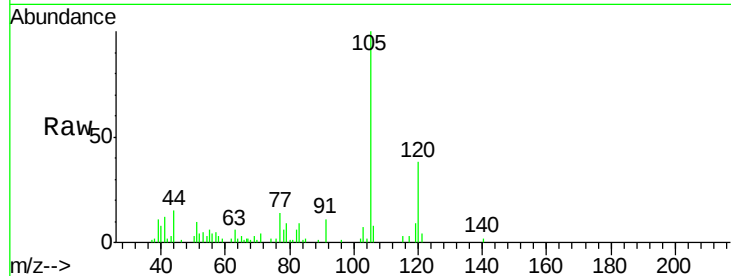
#84
 1,2,4-Trimethylbenzene
 Concen: 1.607 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VF061540.D
 Acq: 28 Jan 2019 16:25

Instrument :
 MSVOA_F
 ClientSampled :
 TR-05-012819

Tot Ion	Ratio	Lower	Upper
105	100		
120	37.9	24.9	74.6

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 12:19:14 PM



#95
 Naphthalene
 Concen: 1.248 ug/l
 RT: 14.46 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: VF061540.D
 Acq: 28 Jan 2019 16:25

Tgt Ion	Ratio	Lower	Upper
128	100		
127	25.4	9.5	14.3#
129	38.7	8.4	12.6#

