

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062641.D
 Acq On : 17 May 2019 16:31
 Operator : FY/SY
 Sample : K2866-07
 Misc : 6.70g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RO-COMP-3

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 2:52:15 PM

Quant Time: May 18 02:09:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	761490	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1259117	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	881283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	333676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	207316	38.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.06%	
35) Dibromofluoromethane	4.31	113	387795	40.25	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	80.50%	
50) Toluene-d8	7.72	98	819143	35.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.22%	
62) 4-Bromofluorobenzene	11.49	95	276955	31.74	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	63.48%	
Target Compounds						
16) Acetone	2.36	43	71406	51.150	ug/l #	78
52) Toluene	7.78	92	44376	2.407	ug/l	97
84) 1,2,4-Trimethylbenzene	12.27	105	41038	2.211	ug/l	98
86) p-Isopropyltoluene	12.52	119	28517m	1.296	ug/l	
95) Naphthalene	14.50	128	56040	4.495	ug/l #	94

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

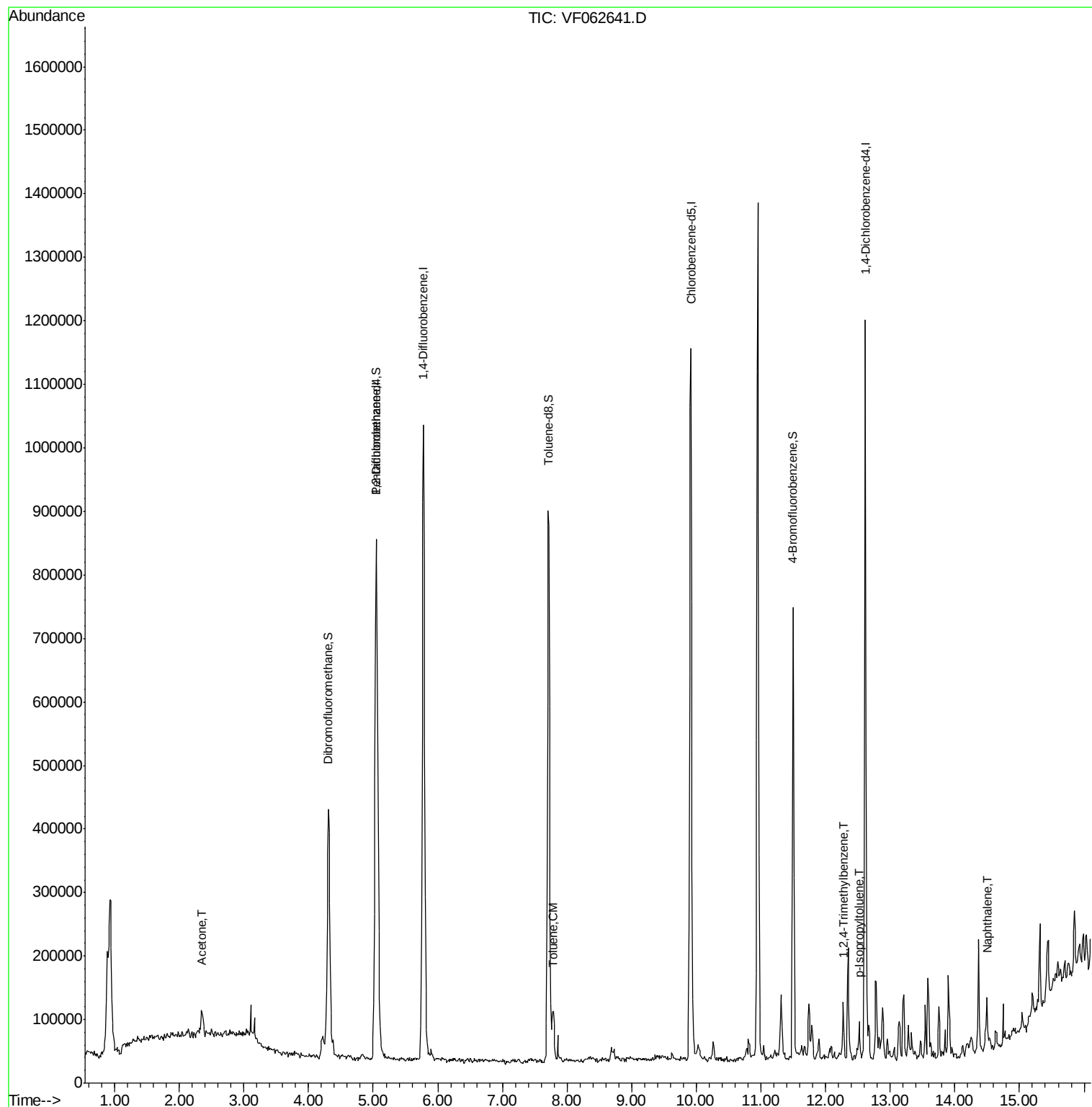
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051719\
Data File : VF062641.D
Acq On : 17 May 2019 16:31
Operator : FY/SY
Sample : K2866-07
Misc : 6.70g/5mL/MSVOA F/SOIL
ALS Vial : 15 Sample Multiplier: 1

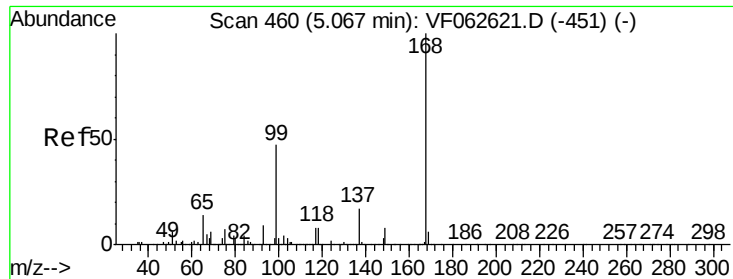
Instrument :
MSVOA_F
ClientSampleId :
RO-COMP-3

Manual Integrations
APPROVED

MMDadoda
5/20/2019 2:52:15 PM

Quant Time: May 18 02:09:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062641.D

Acq: 17 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

RO-COMP-3

Tot Ion:168 Resp: 761490

Ion Ratio Lower Upper

168 100

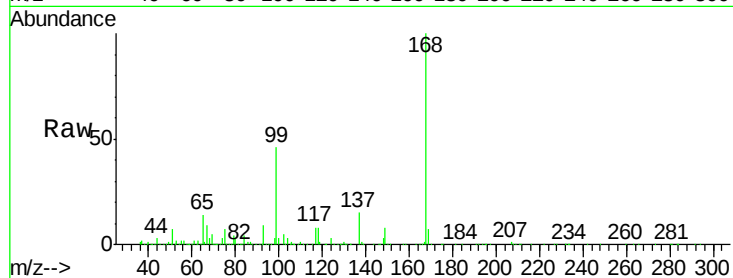
99 45.5 37.8 56.8

Manual Integrations

APPROVED

MMDadoda

5/20/2019 2:52:15 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

250000

200000

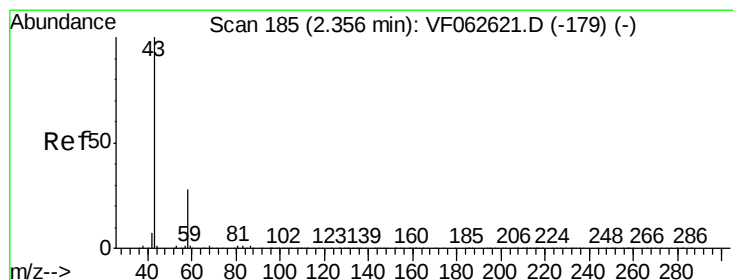
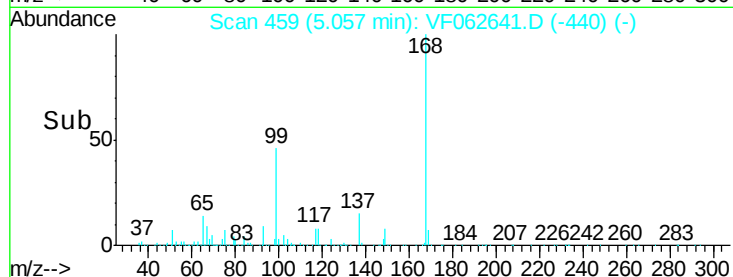
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 51.150 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062641.D

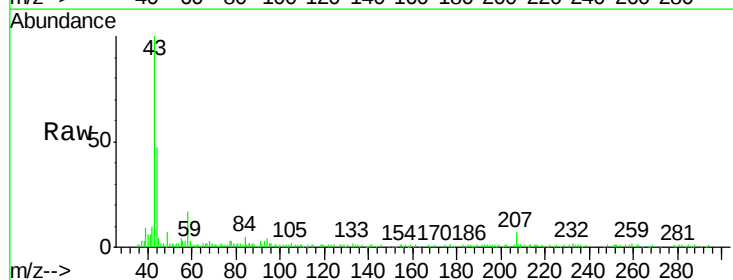
Acq: 17 May 2019 16:31

Tgt Ion: 43 Resp: 71406

Ion Ratio Lower Upper

43 100

58 16.5 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

30000

25000

20000

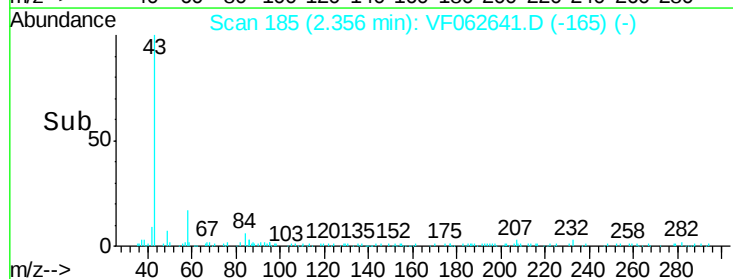
15000

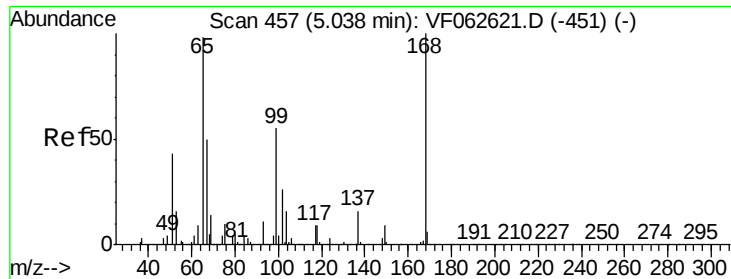
10000

5000

0

Time-->





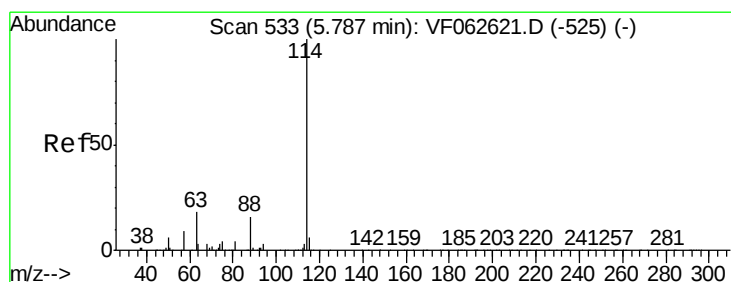
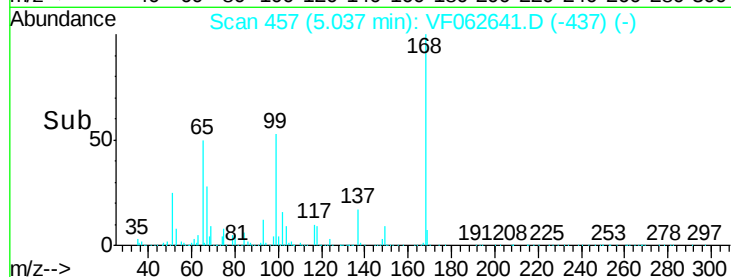
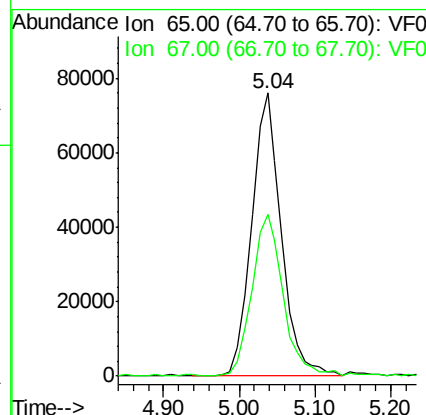
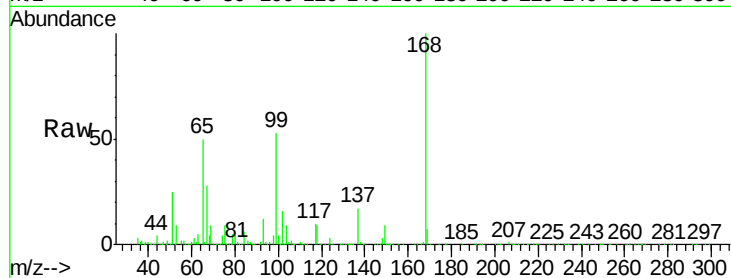
#33
 1,2-Dichloroethane-d4
 Concen: 38.527 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: VF062641.D
 Acq: 17 May 2019 16:31

Instrument :
 MSVOA_F
 ClientSampleId :
 RO-COMP-3

Tot Ion	Ratio	Resp	Lower	Upper
65	100	207316		
67	57.0	0.0	117.6	

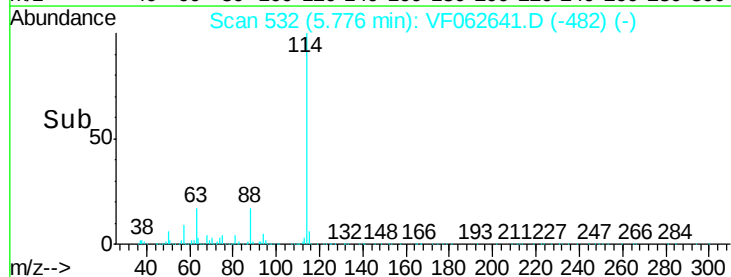
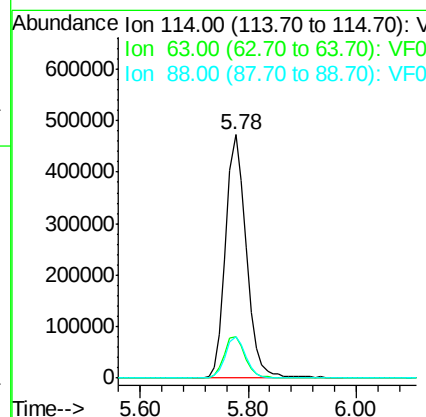
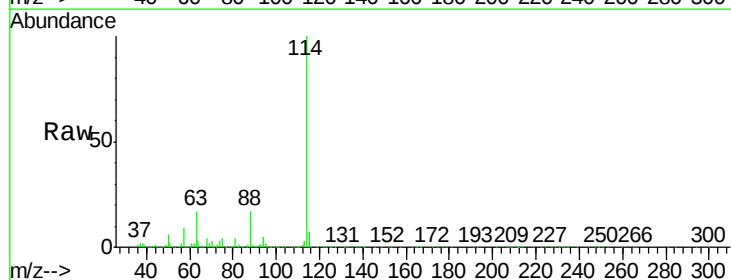
Manual Integrations
 APPROVED

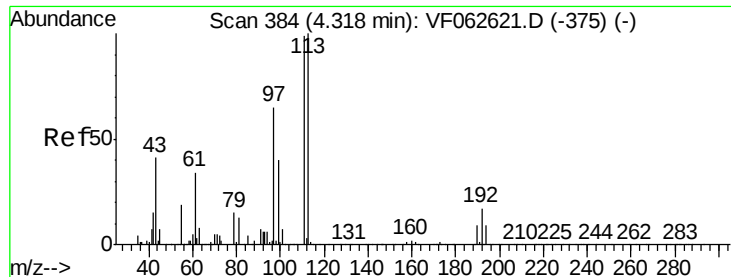
MMDadoda
 5/20/2019 2:52:15 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VF062641.D
 Acq: 17 May 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1259117		
63	17.0	0.0	35.4	
88	16.7	0.0	32.4	





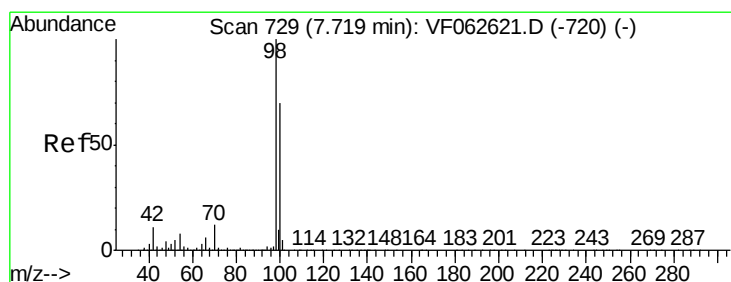
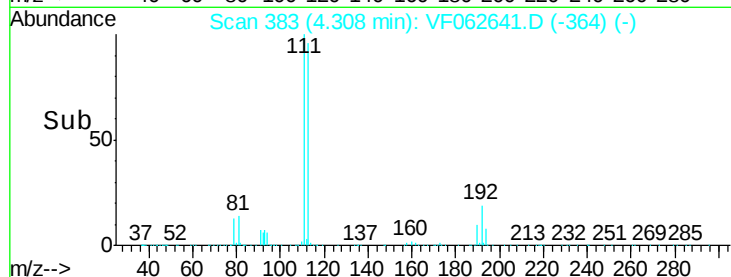
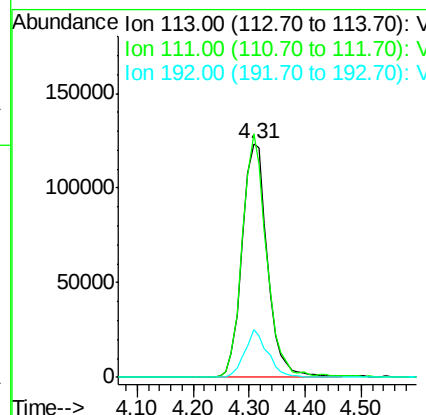
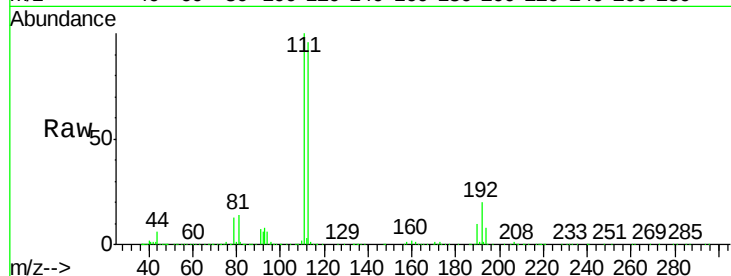
#35
 Dibromofluoromethane
 Concen: 40.249 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. -0.01 min
 Lab File: VF062641.D
 Acq: 17 May 2019 16:31

Instrument :
 MSVOA_F
 ClientSampleId :
 RO-COMP-3

Tot Ion	Ratio	Resp	Lower	Upper
113	100	387795		
111	104.1		79.4	119.2
192	20.3		13.4	20.2

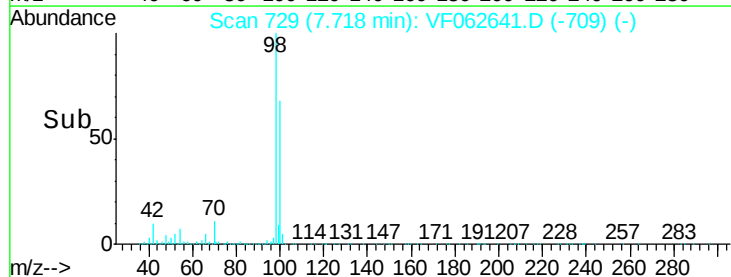
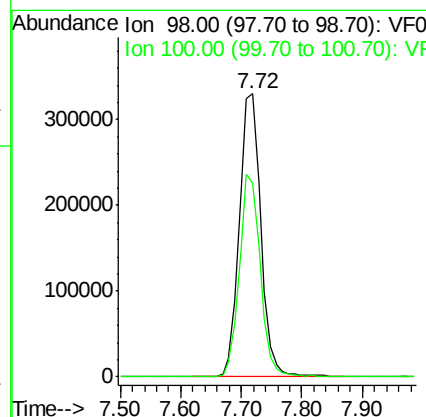
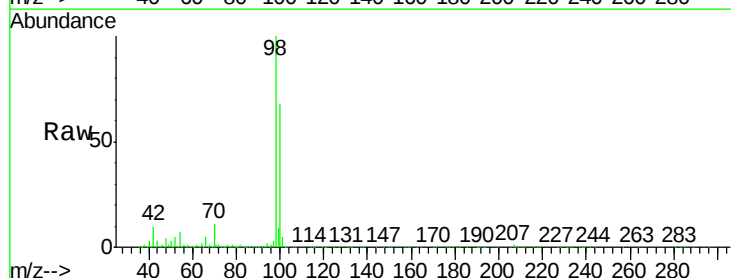
Manual Integrations
 APPROVED

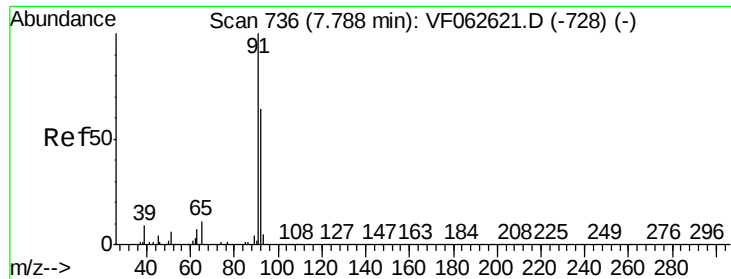
MMDadoda
 5/20/2019 2:52:15 PM



#50
 Toluene-d8
 Concen: 35.608 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VF062641.D
 Acq: 17 May 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	819143		
100	68.4		56.2	84.2





#52

Toluene

Concen: 2.407 ug/l

RT: 7.78 min Scan# 735

Delta R.T. -0.01 min

Lab File: VF062641.D

Acq: 17 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

RO-COMP-3

Tot Ion: 92 Resp: 44376

Ion Ratio Lower Upper

92 100

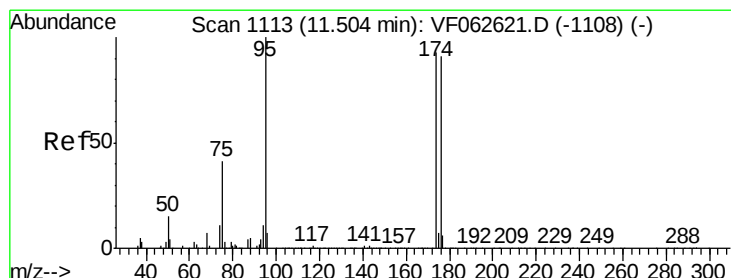
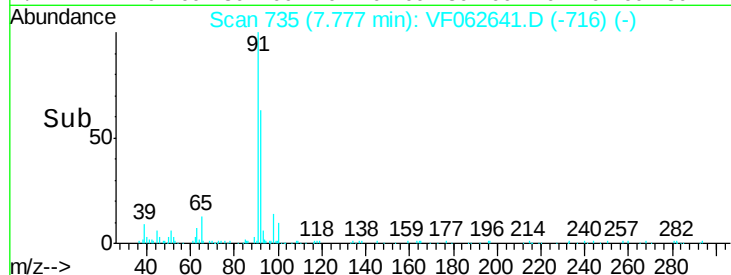
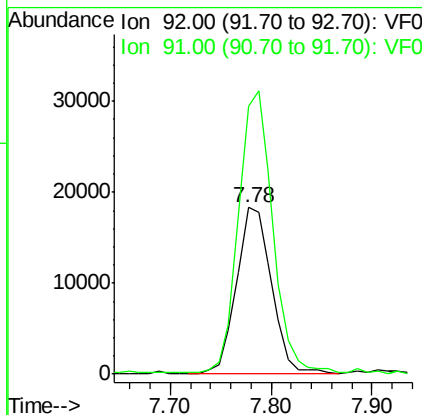
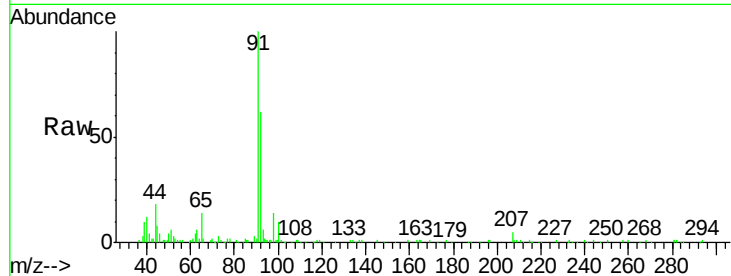
91 160.4 125.4 188.0

Manual Integrations

APPROVED

MMDadoda

5/20/2019 2:52:15 PM



#62

4-Bromofluorobenzene

Concen: 31.743 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062641.D

Acq: 17 May 2019 16:31

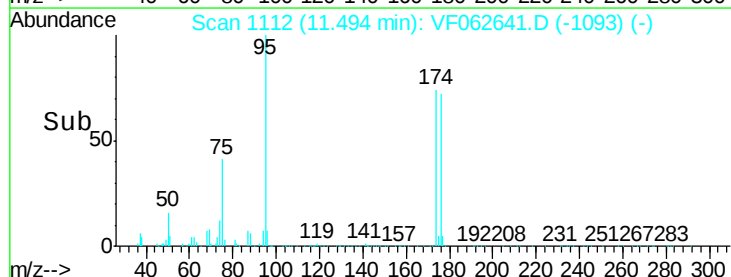
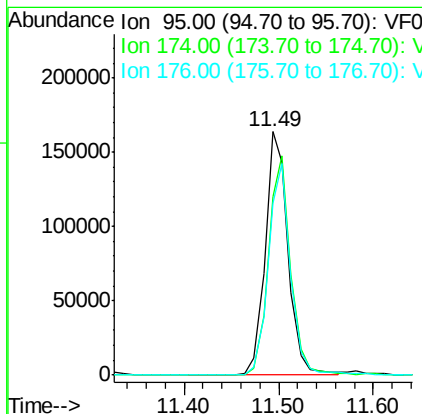
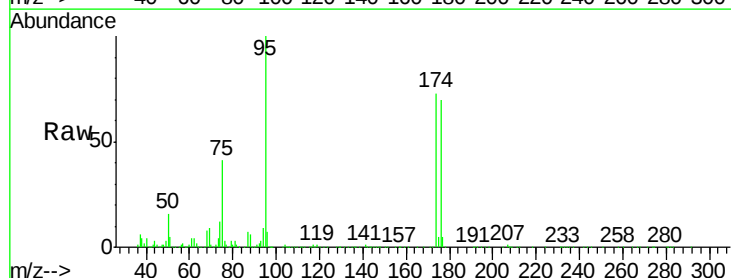
Tgt Ion: 95 Resp: 276955

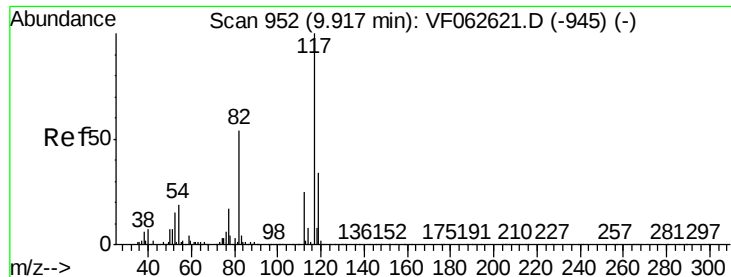
Ion Ratio Lower Upper

95 100

174 73.1 0.0 185.6

176 70.5 0.0 182.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.00 min

Lab File: VF062641.D

Acq: 17 May 2019 16:31

Instrument :

MSVOA_F

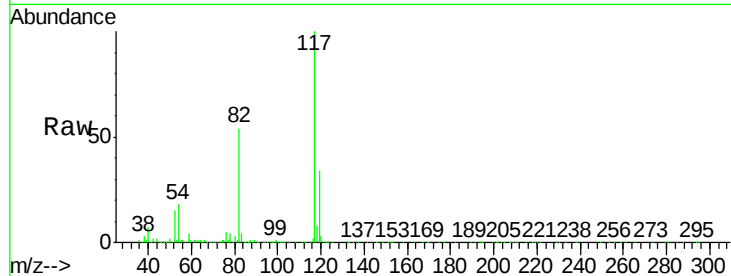
ClientSampled :

RO-COMP-3

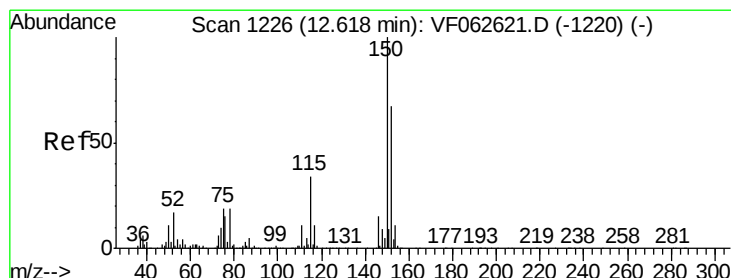
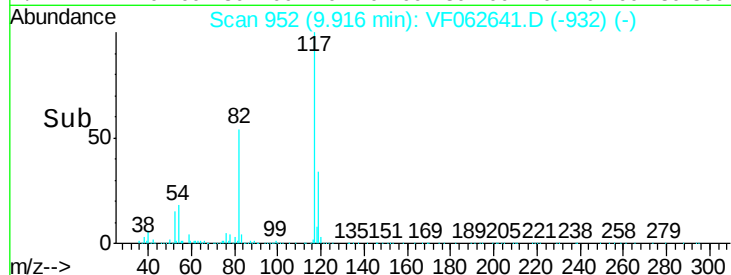
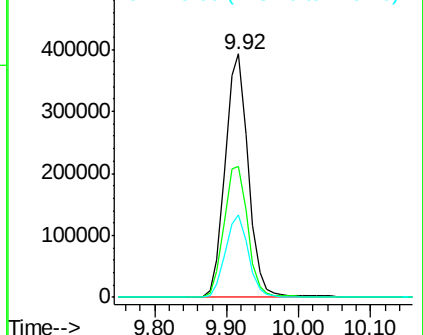
Tot Ion:	117	Resp:	881283
Ion Ratio	Lower	Upper	
117	100		
82	54.0	43.3	64.9
119	34.0	27.4	41.0

Manual Integrations
APPROVED

MMDadoda
5/20/2019 2:52:15 PM



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

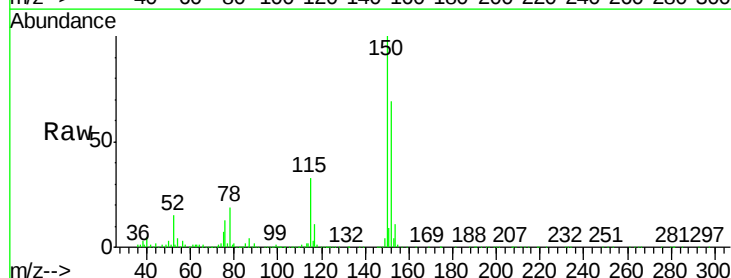
RT: 12.62 min Scan# 1226

Delta R.T. -0.00 min

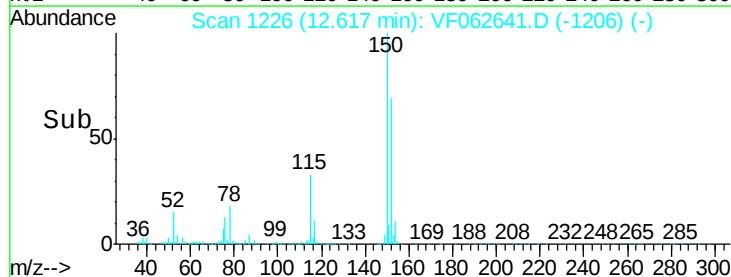
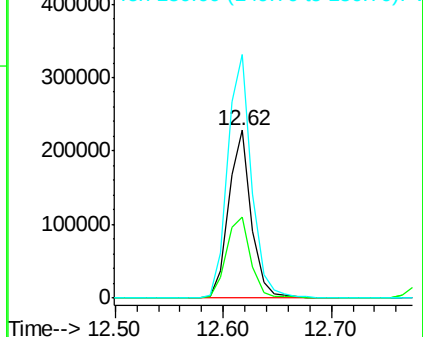
Lab File: VF062641.D

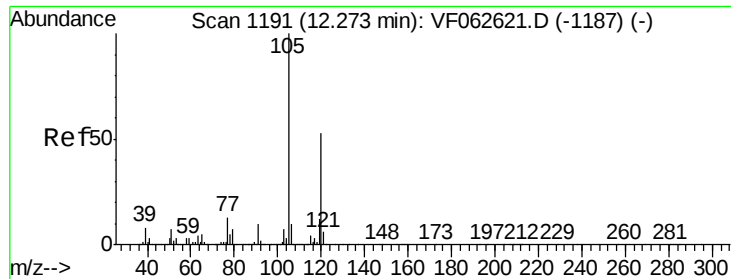
Acq: 17 May 2019 16:31

Tgt Ion:	152	Resp:	333676
Ion Ratio	Lower	Upper	
152	100		
115	48.0	25.2	75.6
150	144.9	0.0	306.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





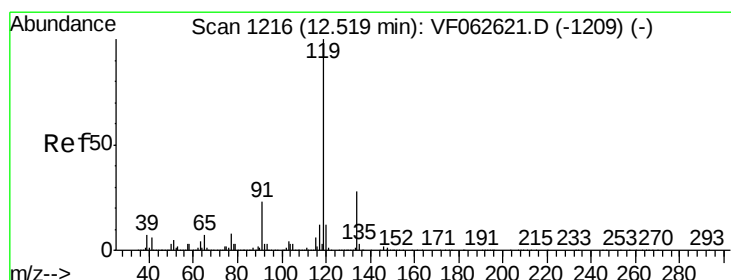
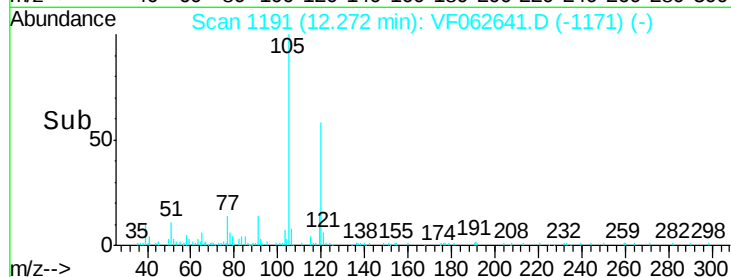
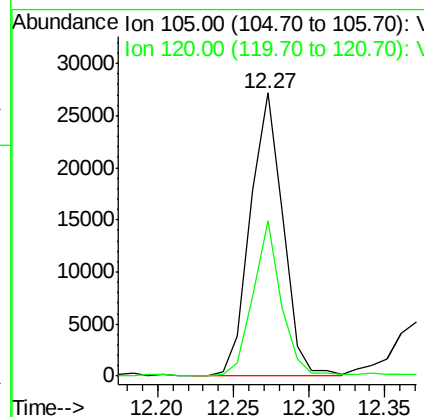
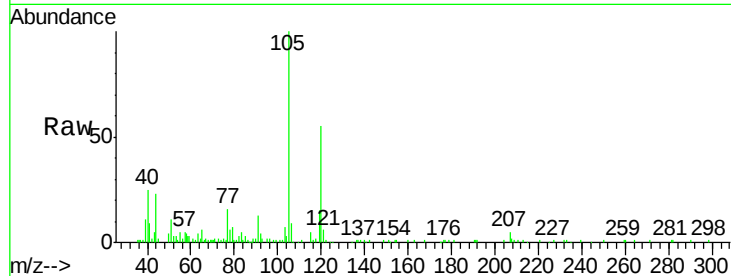
#84
 1,2,4-Trimethylbenzene
 Concen: 2.211 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VF062641.D
 Acq: 17 May 2019 16:31

Instrument :
 MSVOA_F
 ClientSampleId :
 RO-COMP-3

Tot Ion	Ratio	Lower	Upper
105	100		
120	55.1	26.7	80.1

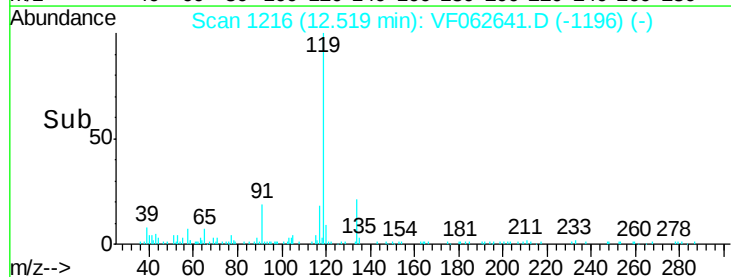
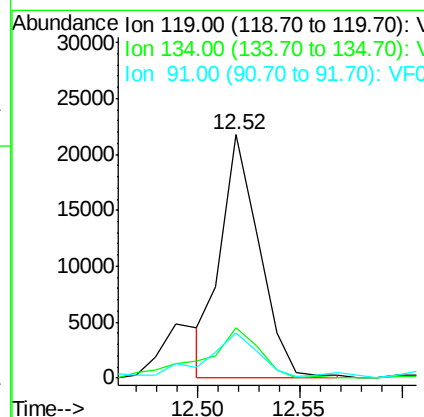
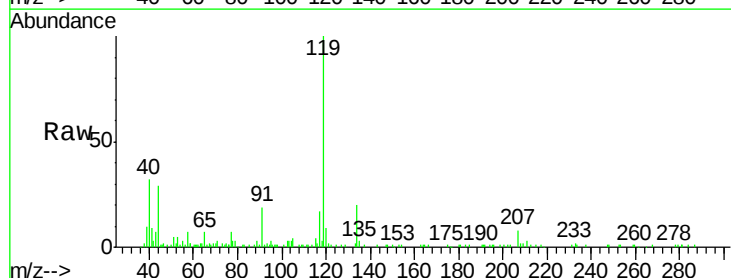
Manual Integrations
 APPROVED

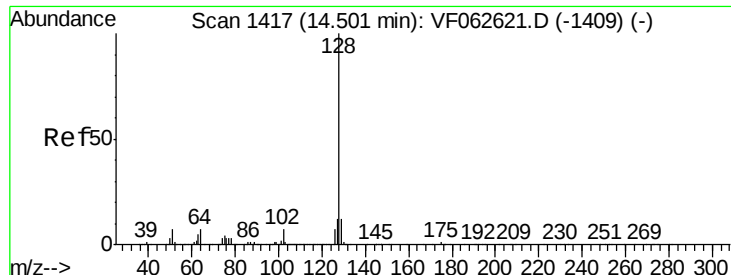
MMDadoda
 5/20/2019 2:52:15 PM



#86
 p-Isopropyltoluene
 Concen: 1.296 ug/l m
 RT: 12.52 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: VF062641.D
 Acq: 17 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	20.4	14.1	42.3
91	18.8	11.4	34.2





#95
Naphthalene
Concen: 4.495 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF062641.D
Acq: 17 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
RO-COMP-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.1	9.7	14.5#
129	11.3	9.3	13.9

Manual Integrations
APPROVED

MMDadoda
5/20/2019 2:52:15 PM

