

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062069.D
 Acq On : 21 Mar 2019 19:19
 Operator : VA/AP
 Sample : K1694-03
 Misc : 6.59g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-032019-B

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 2:59:29 AM

Quant Time: Mar 22 08:44:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	283081	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	435916	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	319302	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	151682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	87414	42.90	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.80%	
35) Dibromofluoromethane	4.13	113	130384	44.54	ug/l	0.02
Spiked Amount 50.000			Recovery	=	89.08%	
50) Toluene-d8	7.57	98	254651	29.76	ug/l	0.02
Spiked Amount 50.000			Recovery	=	59.52%	
62) 4-Bromofluorobenzene	11.43	95	125226	36.84	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.68%	
Target Compounds						
16) Acetone	2.26	43	19311	42.202	ug/l	90
20) Methylene Chloride	2.26	84	16851m	7.058	ug/l	
52) Toluene	7.64	92	9132	1.433	ug/l	99
69) o-Xylene	10.73	106	5411	1.321	ug/l	92
80) 1,3,5-Trimethylbenzene	11.83	105	12135	1.434	ug/l	88

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

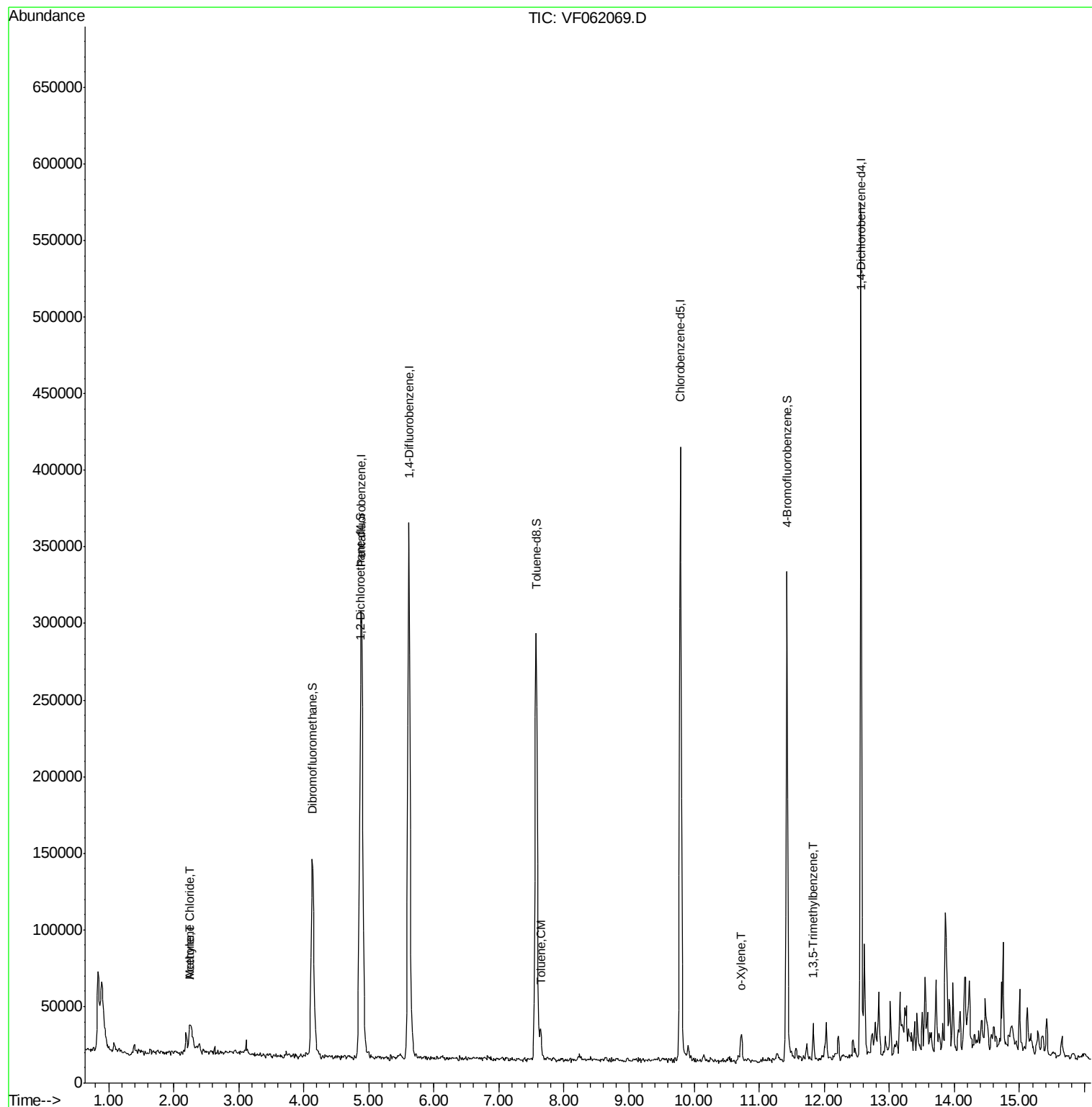
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
Data File : VF062069.D
Acq On : 21 Mar 2019 19:19
Operator : VA/AP
Sample : K1694-03
Misc : 6.59g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

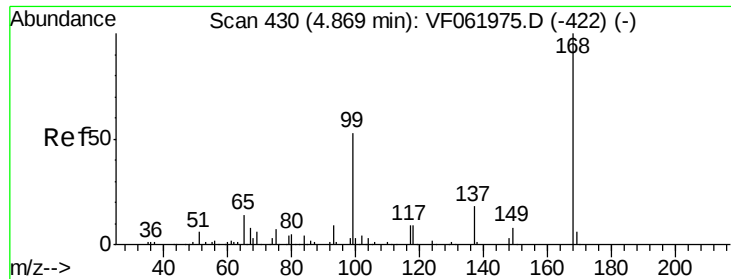
Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Manual Integrations
APPROVED

MMDadoda
3/23/2019 2:59:29 AM

Quant Time: Mar 22 08:44:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF062069.D

Acq: 21 Mar 2019 19:19

Instrument :

MSVOA_F

ClientSampleId :

EO-02-032019-B

Tot Ion:168 Resp: 283081

Ion Ratio Lower Upper

168 100

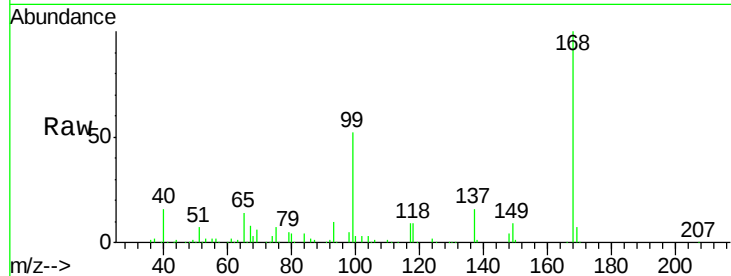
99 52.1 42.4 63.6

Manual Integrations

APPROVED

MMDadoda

3/23/2019 2:59:29 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

80000

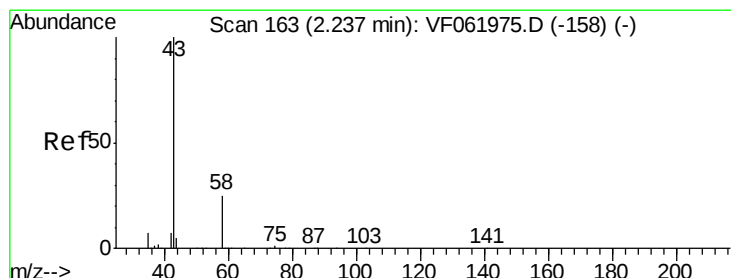
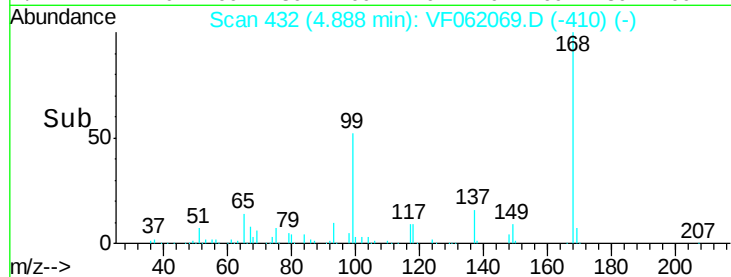
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 42.202 ug/l

RT: 2.26 min Scan# 165

Delta R.T. 0.02 min

Lab File: VF062069.D

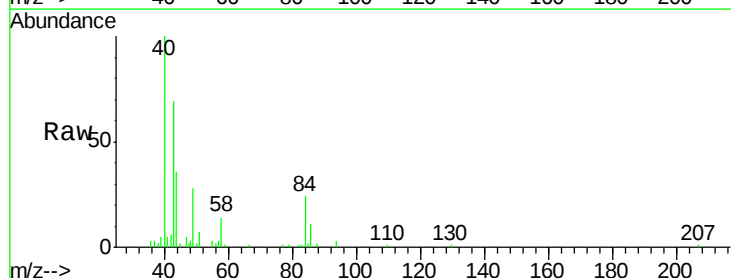
Acq: 21 Mar 2019 19:19

Tgt Ion: 43 Resp: 19311

Ion Ratio Lower Upper

43 100

58 20.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.26

8000

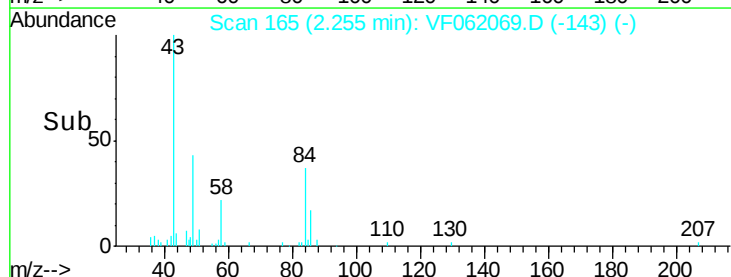
6000

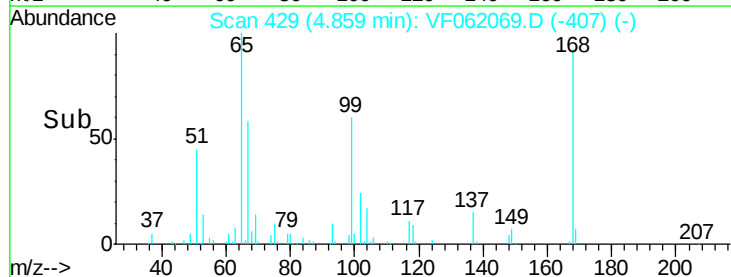
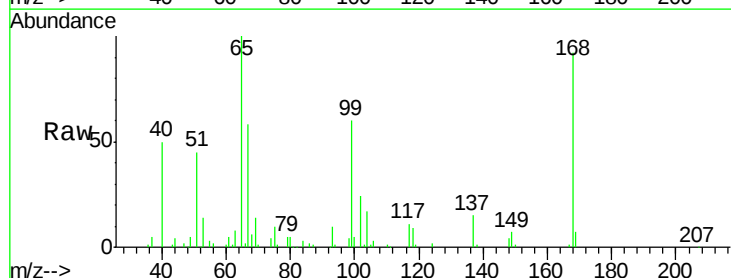
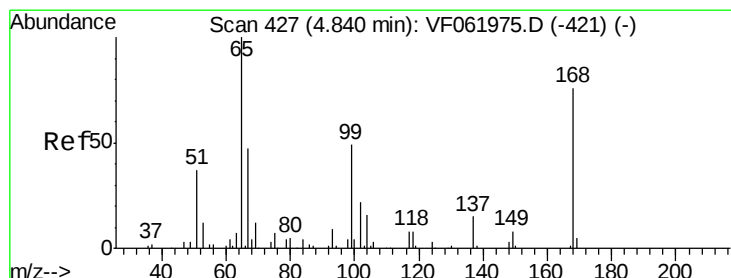
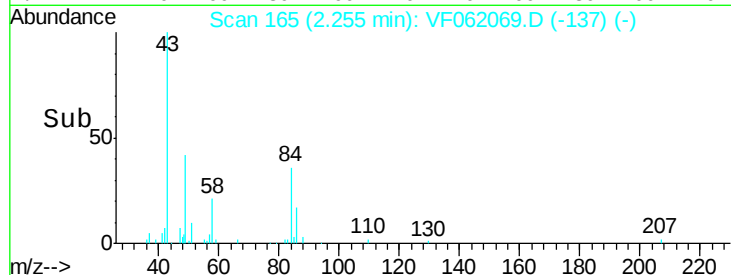
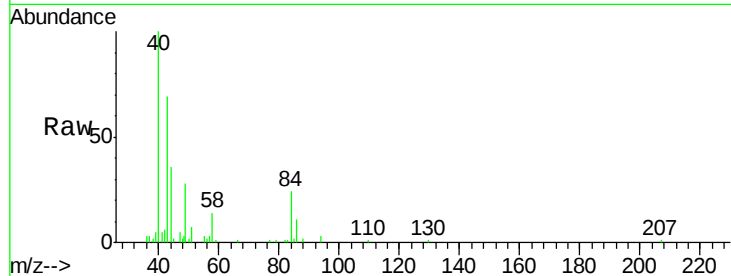
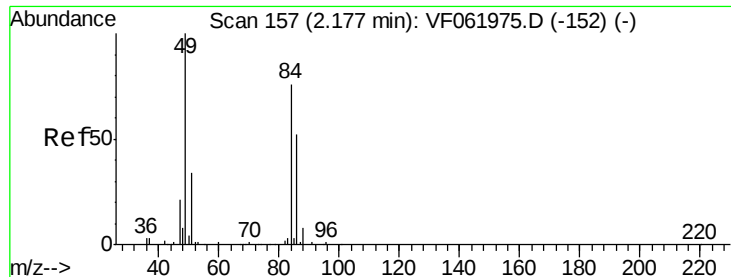
4000

2000

0

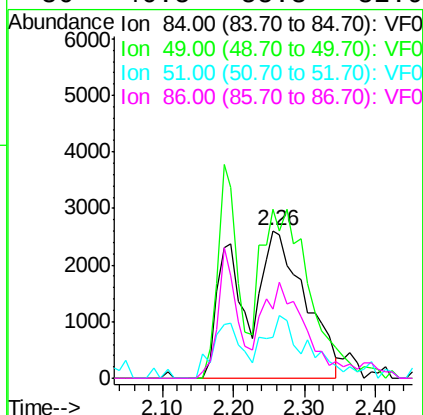
Time-->





#20
Methvlene Chloride
Concen: 7.058 ug/l m
RT: 2.26 min Scan# 165
Delta R.T. 0.08 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tot Ion	Ratio	Lower	Upper
84	100		
49	114.0	107.0	160.6
51	27.9	37.2	55.8#
86	46.5	55.3	82.9#



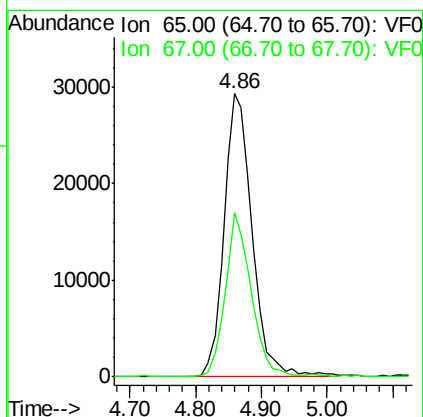
Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

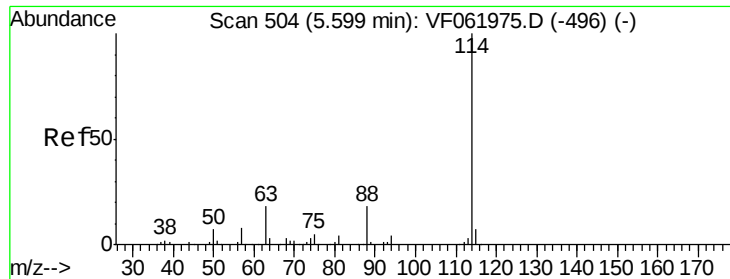
Manual Integrations
APPROVED

MMDadoda
3/23/2019 2:59:29 AM

#33
1,2-Dichloroethane-d4
Concen: 42.898 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion	Ratio	Lower	Upper
65	100		
67	57.9	0.0	109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. 0.02 min

Lab File: VF062069.D

Acq: 21 Mar 2019 19:19

Instrument :

MSVOA_F

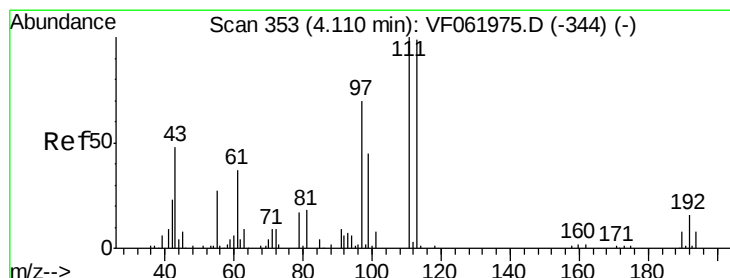
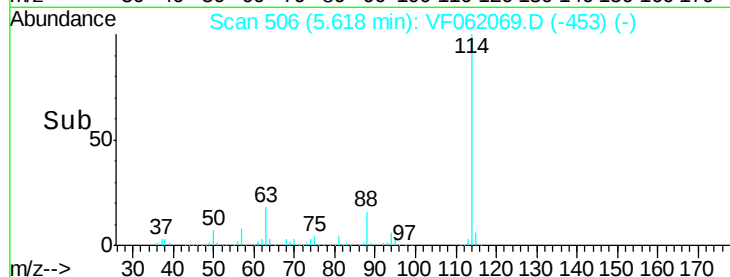
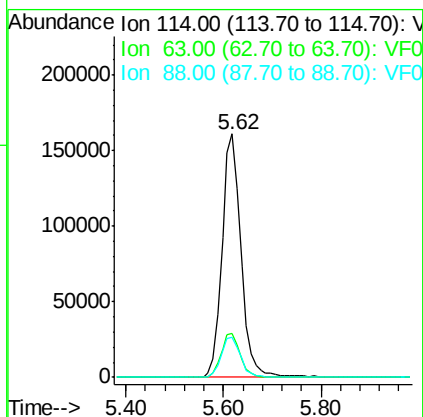
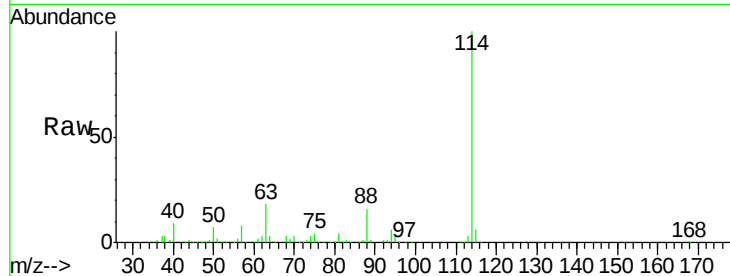
ClientSampleId :

EO-02-032019-B

Tot Ion:	114	Resp:	435916
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	36.4
88	16.2	0.0	36.4

Manual Integrations
APPROVED

MMDadoda
3/23/2019 2:59:29 AM



#35

Dibromofluoromethane

Concen: 44.541 ug/l

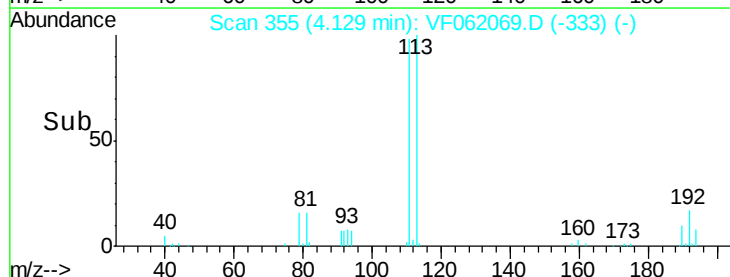
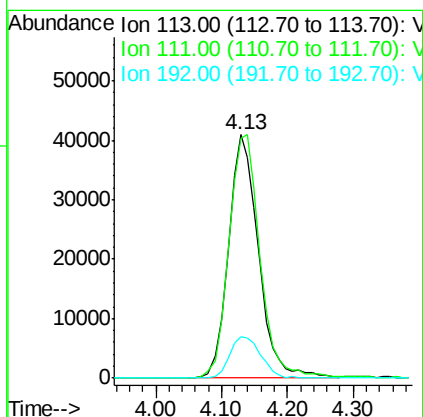
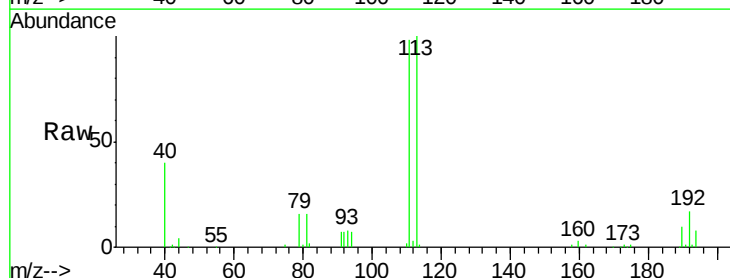
RT: 4.13 min Scan# 355

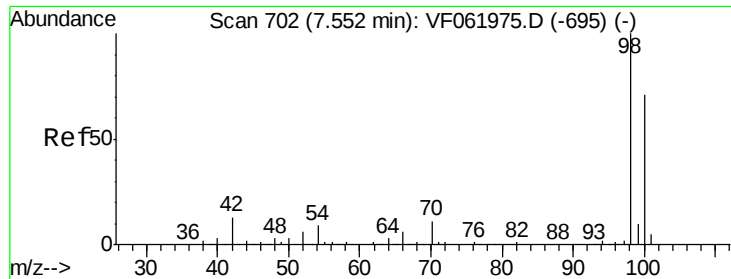
Delta R.T. 0.02 min

Lab File: VF062069.D

Acq: 21 Mar 2019 19:19

Tgt Ion:	113	Resp:	130384
Ion Ratio	Lower	Upper	
113	100		
111	98.4	80.8	121.2
192	17.1	13.0	19.6





#50

Toluene-d8

Concen: 29.759 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.02 min

Lab File: VF062069.D

Acq: 21 Mar 2019 19:19

Instrument :

MSVOA_F

ClientSampleId :

EO-02-032019-B

Tot Ion: 98 Resp: 254651

Ion Ratio Lower Upper

98 100

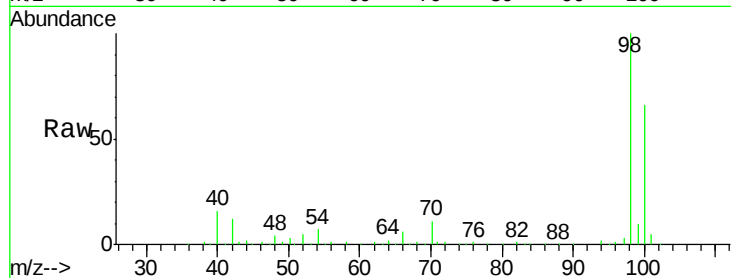
100 66.4 56.8 85.2

Manual Integrations

APPROVED

MMDadoda

3/23/2019 2:59:29 AM



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.57

120000

100000

80000

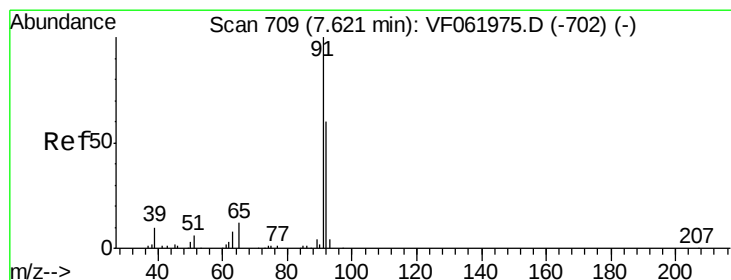
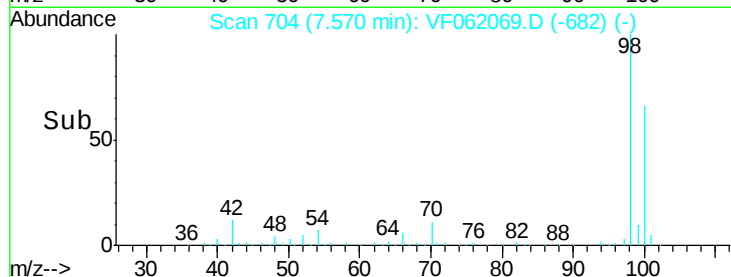
60000

40000

20000

0

Time--> 7.40 7.50 7.60 7.70 7.80



#52

Toluene

Concen: 1.433 ug/l

RT: 7.64 min Scan# 711

Delta R.T. 0.02 min

Lab File: VF062069.D

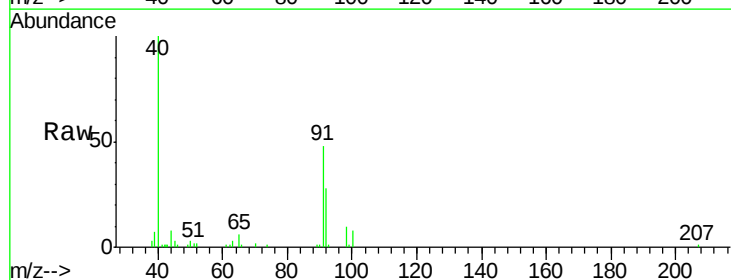
Acq: 21 Mar 2019 19:19

Tgt Ion: 92 Resp: 9132

Ion Ratio Lower Upper

92 100

91 169.4 134.0 201.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.64

8000

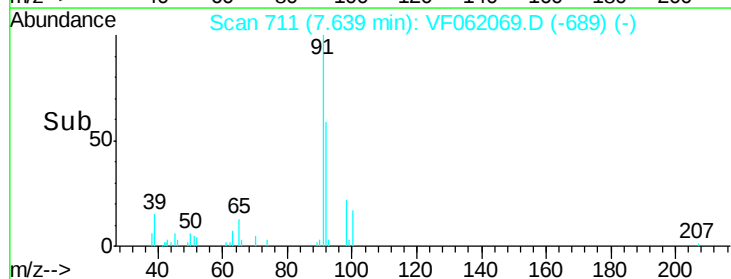
6000

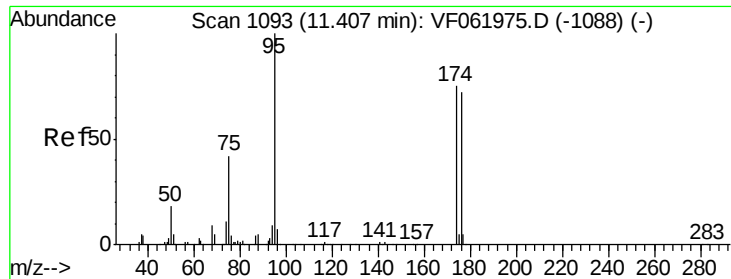
4000

2000

0

Time--> 7.60 7.70





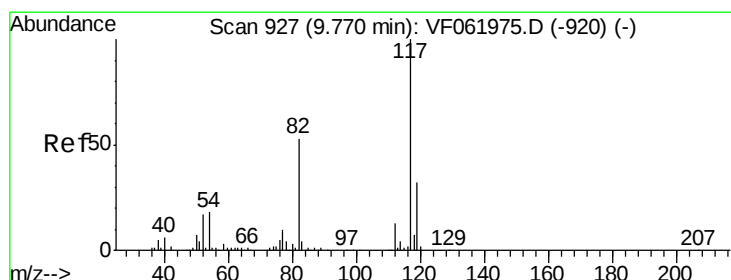
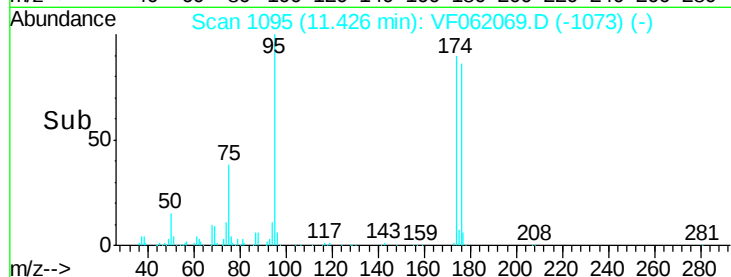
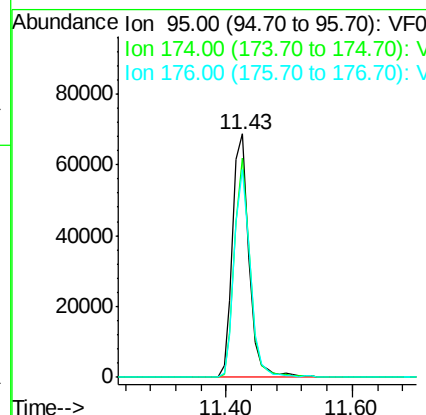
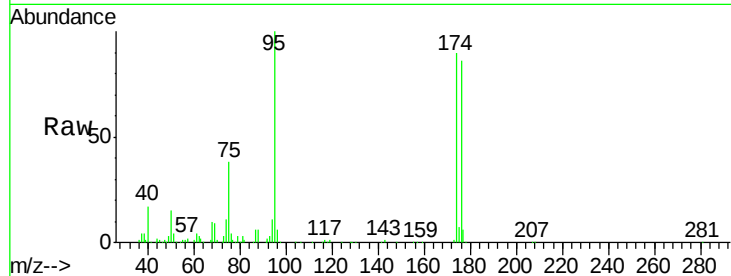
#62
4-Bromofluorobenzene
Concen: 36.837 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	125226		
174	90.0	0.0	149.4	
176	85.5	0.0	143.4	

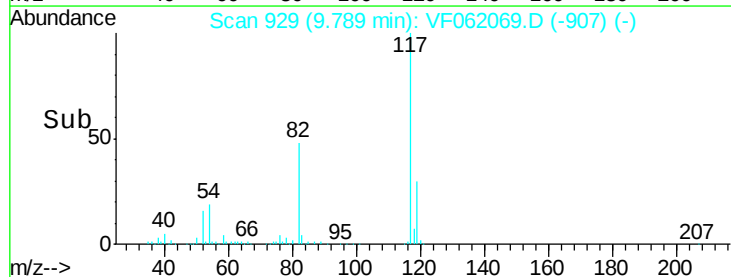
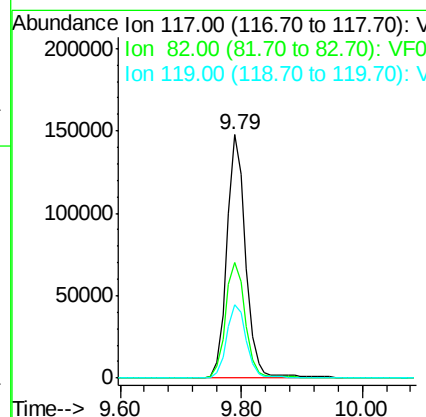
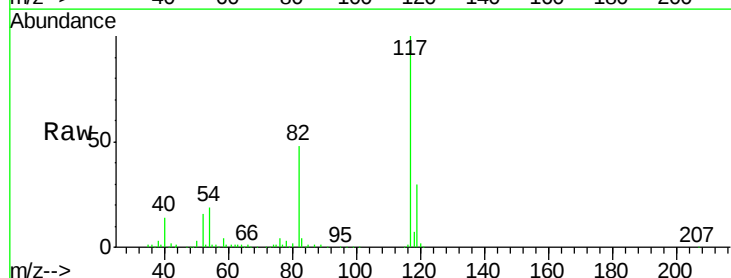
Manual Integrations
APPROVED

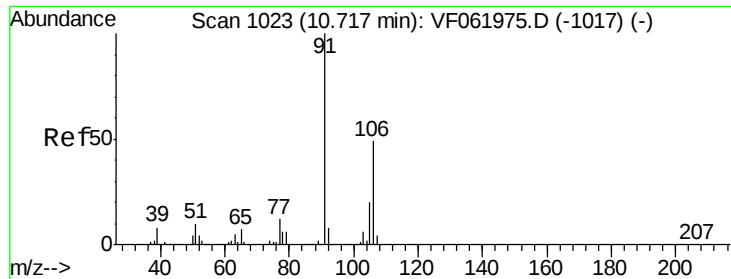
MMDadoda
3/23/2019 2:59:29 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	319302		
82	47.7	42.5	63.7	
119	29.9	25.4	38.0	





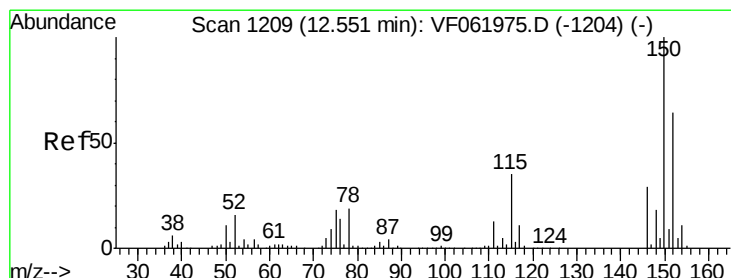
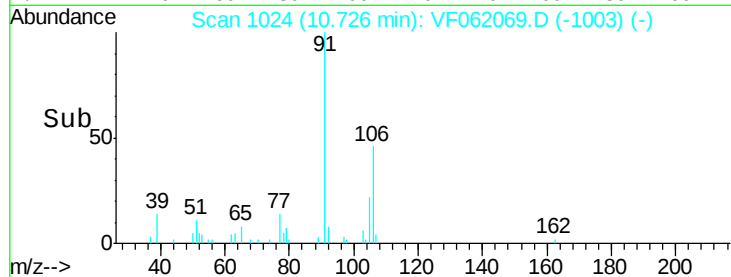
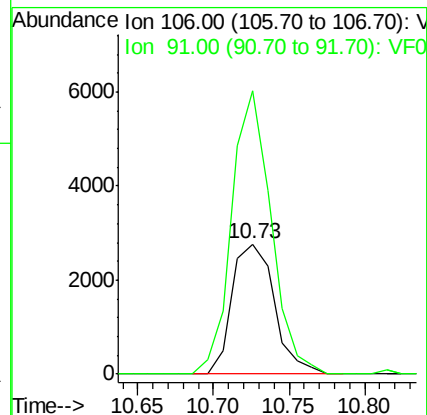
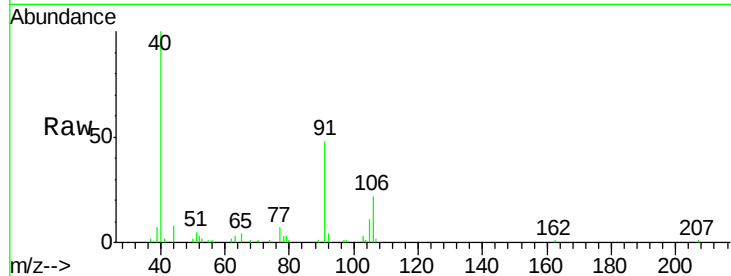
#69
o-Xylene
Concen: 1.321 ug/l
RT: 10.73 min Scan# 1024
Delta R.T. 0.01 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Tot Ion:106 Resp: 5411
Ion Ratio Lower Upper
106 100
91 217.3 102.3 306.8

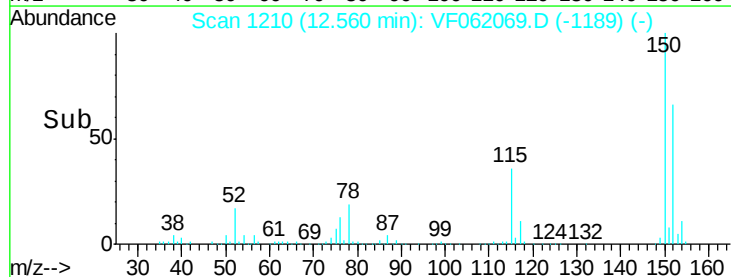
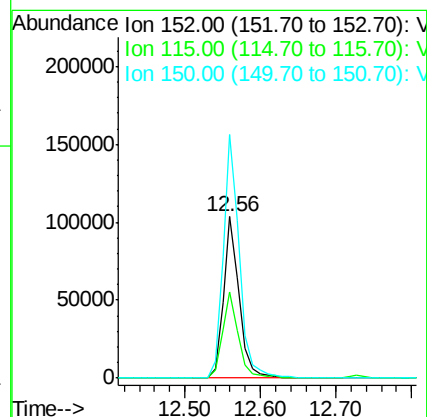
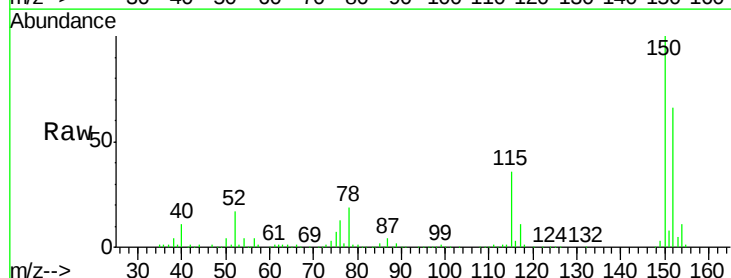
Manual Integrations
APPROVED

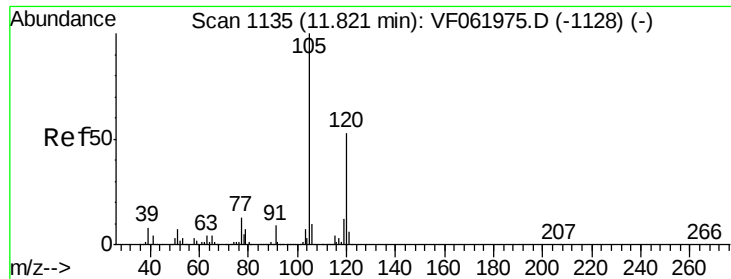
MMDadoda
3/23/2019 2:59:29 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion:152 Resp: 151682
Ion Ratio Lower Upper
152 100
115 53.7 27.3 81.9
150 151.0 0.0 316.2





#80
 1,3,5-Trimethylbenzene
 Concen: 1.434 ug/l
 RT: 11.83 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: VF062069.D
 Acq: 21 Mar 2019 19:19

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-032019-B

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.6	26.6	79.7

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 2:59:29 AM

