

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032519\
 Data File : VF062137.D
 Acq On : 25 Mar 2019 17:49
 Operator : VA/AP
 Sample : K2081-24
 Misc : 6.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S4C(21)

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 3:59:41 PM

Quant Time: Mar 26 05:37:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	283609	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	459235	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.78	117	361549	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	215198	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	76547	36.29	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	72.58%	
35) Dibromofluoromethane	4.12	113	122652	39.48	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	78.96%	
50) Toluene-d8	7.55	98	317689	34.26	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	68.52%	
62) 4-Bromofluorobenzene	11.41	95	136456	38.12	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	76.24%	
Target Compounds						
16) Acetone	2.25	43	8185	18.436	ug/l	93
20) Methylene Chloride	2.19	84	27120m	7.424	ug/l	

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

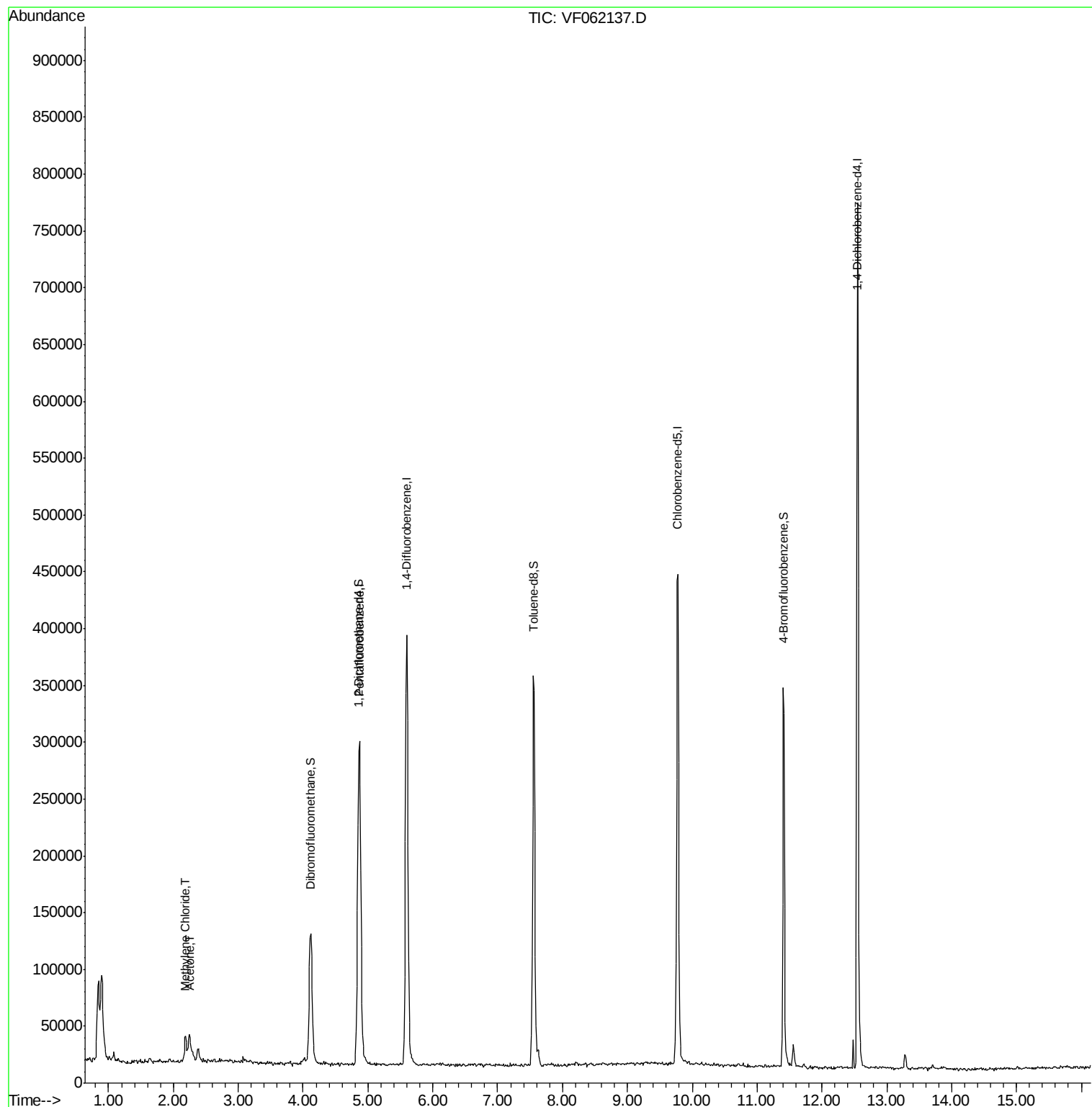
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032519\
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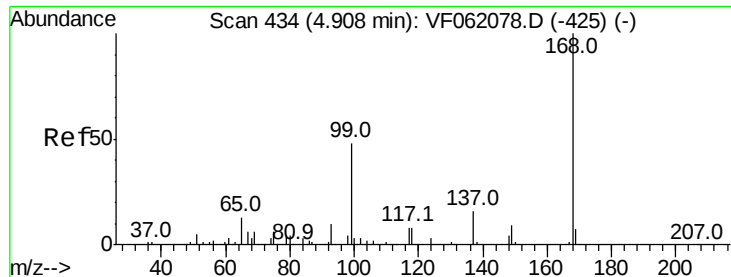
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF062137.D

Acq: 25 Mar 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

S4C(21)

Tot Ion:168 Resp: 283609

Ion Ratio Lower Upper

168 100

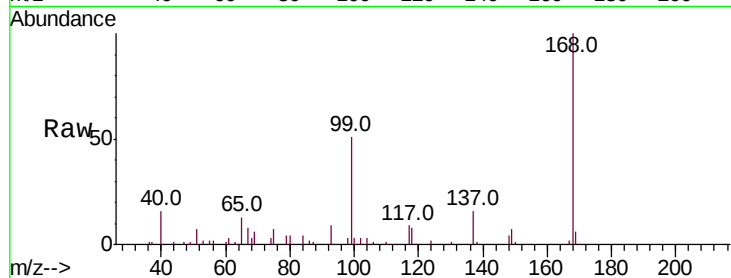
99 50.5 38.2 57.4

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

100000

80000

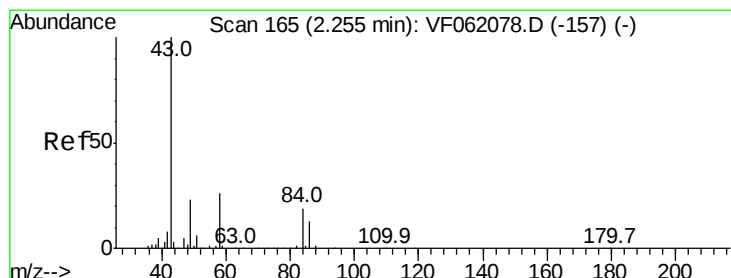
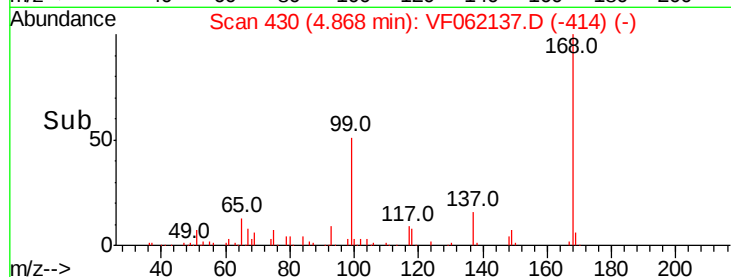
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 18.436 ug/l

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF062137.D

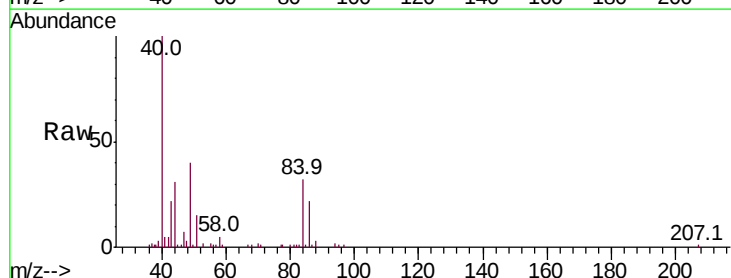
Acq: 25 Mar 2019 17:49

Tgt Ion: 43 Resp: 8185

Ion Ratio Lower Upper

43 100

58 22.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

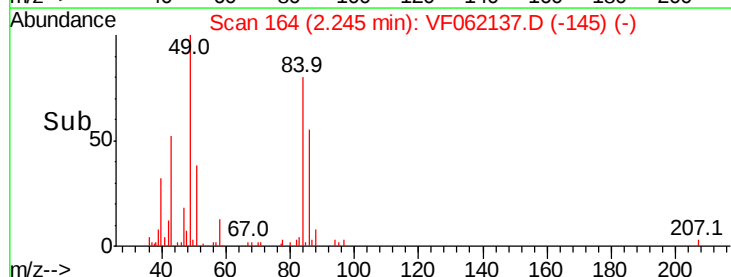
3000

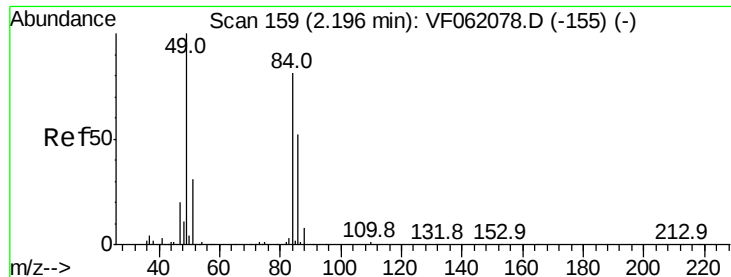
2000

1000

0

Time-->





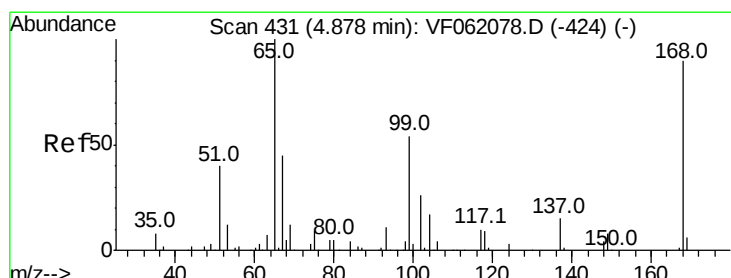
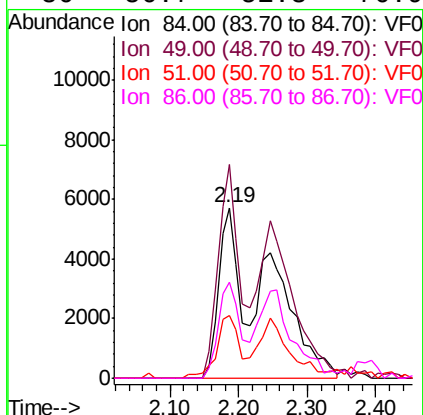
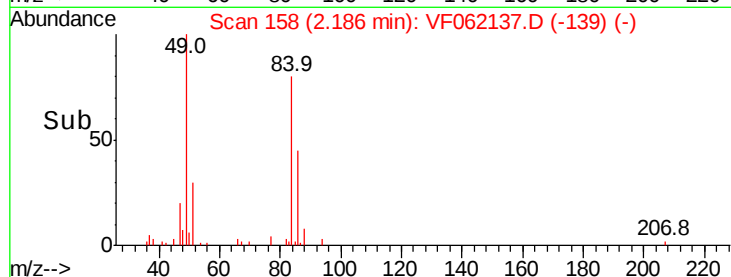
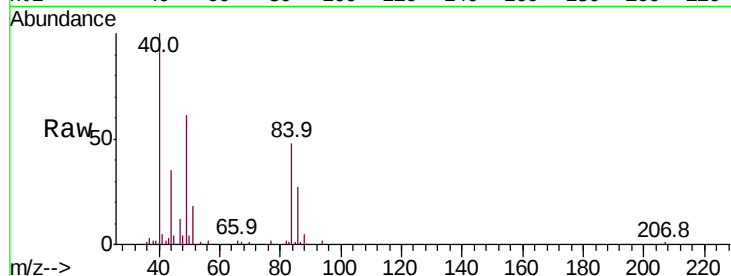
#20
Methvlene Chloride
Concen: 7.424 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF062137.D
Acq: 25 Mar 2019 17:49

Instrument :
MSVOA_F
ClientSampled :
S4C(21)

Tot Ion	Ratio	Lower	Upper
84	100		
49	125.4	100.4	150.6
51	37.1	31.0	46.6
86	56.7	51.3	76.9

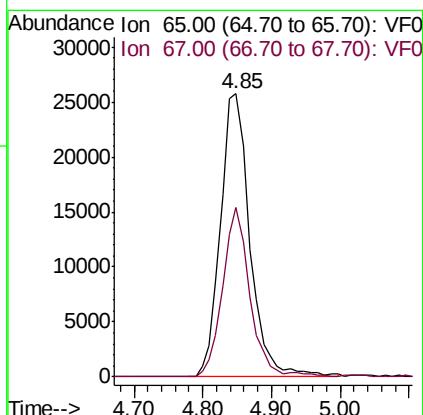
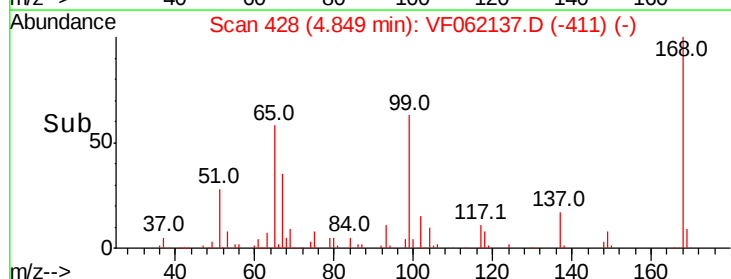
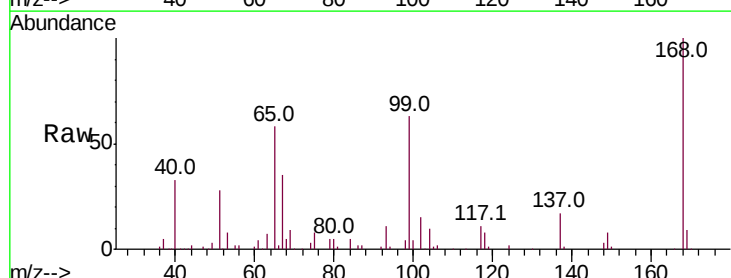
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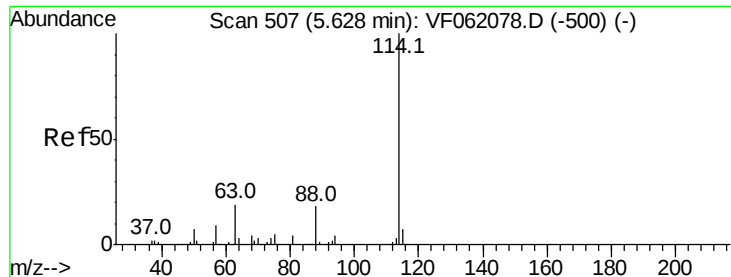
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#33
1,2-Dichloroethane-d4
Concen: 36.287 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF062137.D
Acq: 25 Mar 2019 17:49

Tgt Ion	Ratio	Lower	Upper
65	100		
67	59.7	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.03 min

Lab File: VF062137.D

Acq: 25 Mar 2019 17:49

Instrument :

MSVOA_F

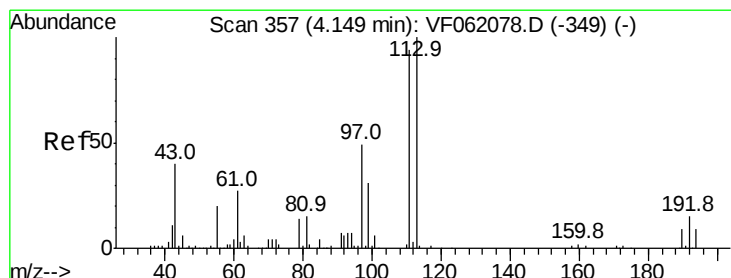
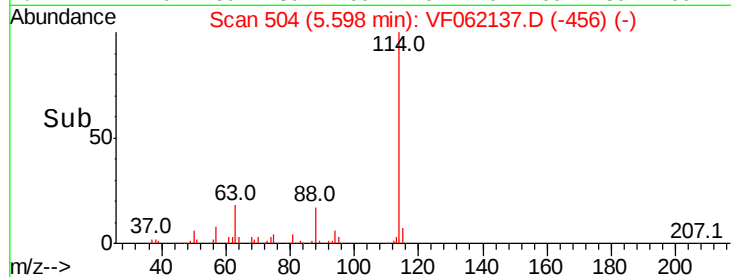
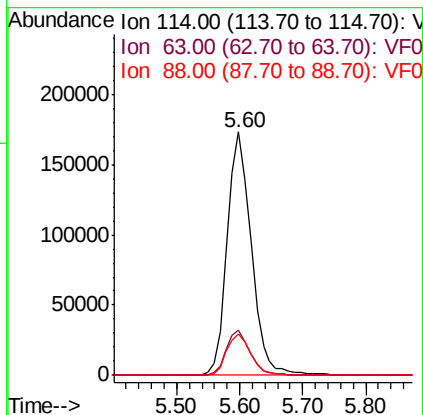
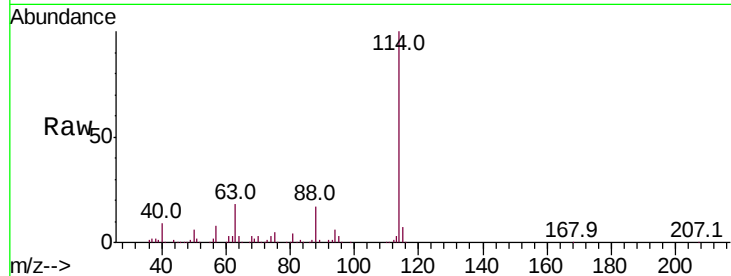
ClientSampleId :

S4C(21)

Tot Ion:	114	Resp:	459235
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	37.8
88	17.0	0.0	36.4

Manual Integrations
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#35

Dibromofluoromethane

Concen: 39.482 ug/l

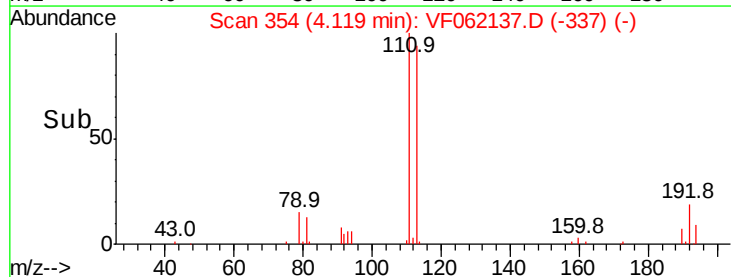
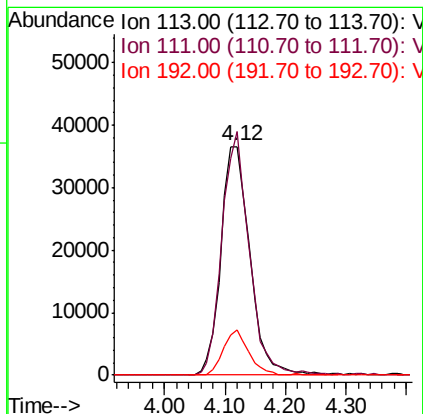
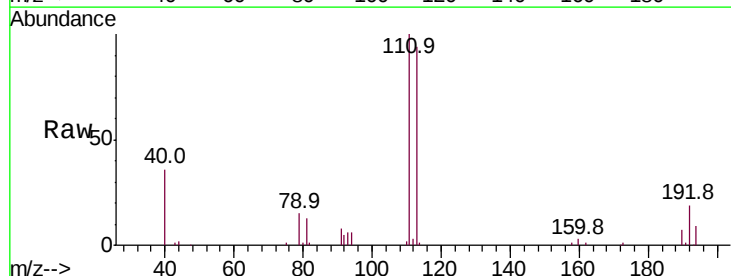
RT: 4.12 min Scan# 354

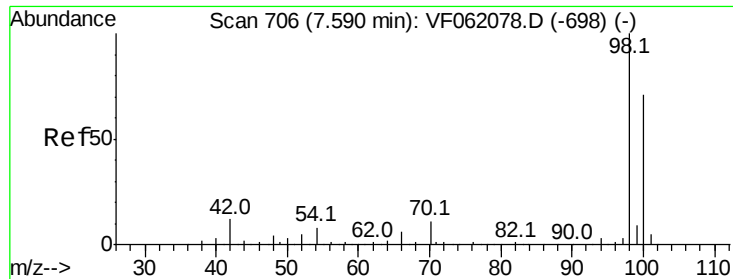
Delta R.T. -0.03 min

Lab File: VF062137.D

Acq: 25 Mar 2019 17:49

Tgt Ion:	113	Resp:	122652
Ion Ratio	Lower	Upper	
113	100		
111	106.4	75.4	113.0
192	19.8	12.3	18.5#





#50

Toluene-d8

Concen: 34.259 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.04 min

Lab File: VF062137.D

Acq: 25 Mar 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

S4C(21)

Tot Ion: 98 Resp: 317689

Ion Ratio Lower Upper

98 100

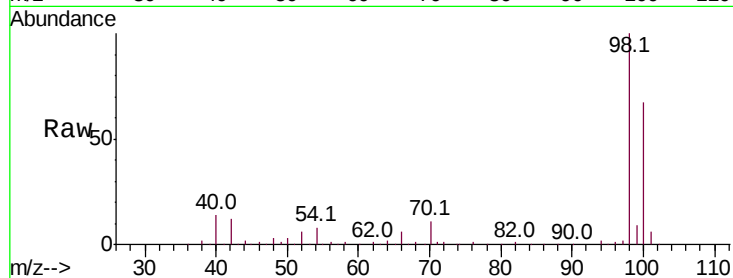
100 67.0 57.0 85.6

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

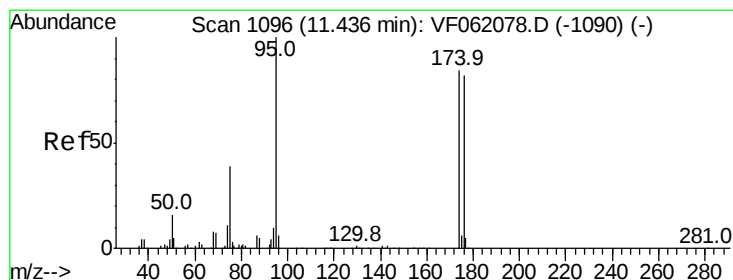
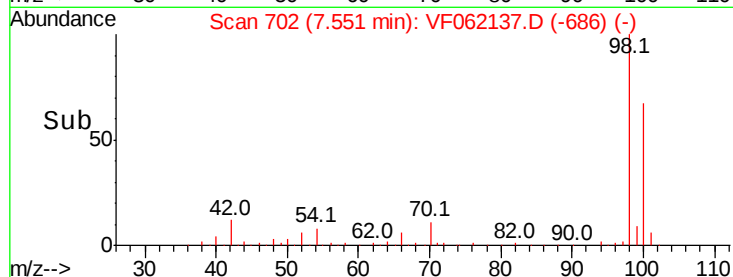
7.55

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.117 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF062137.D

Acq: 25 Mar 2019 17:49

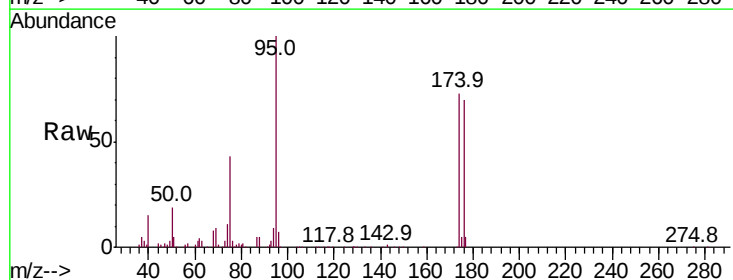
Tgt Ion: 95 Resp: 136456

Ion Ratio Lower Upper

95 100

174 72.8 0.0 168.2

176 70.2 0.0 164.2



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

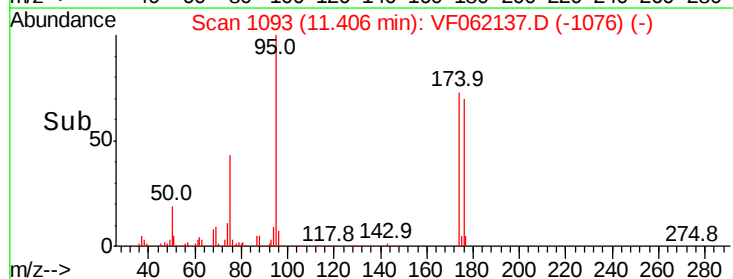
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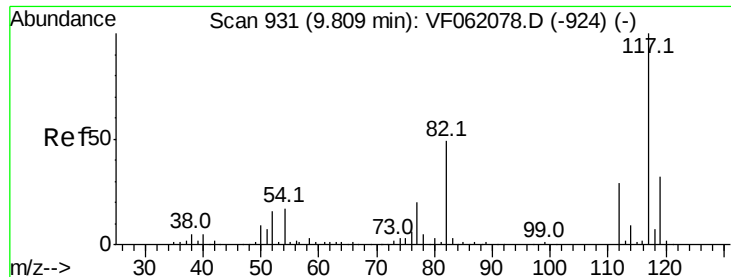
40000

20000

0

Time-->





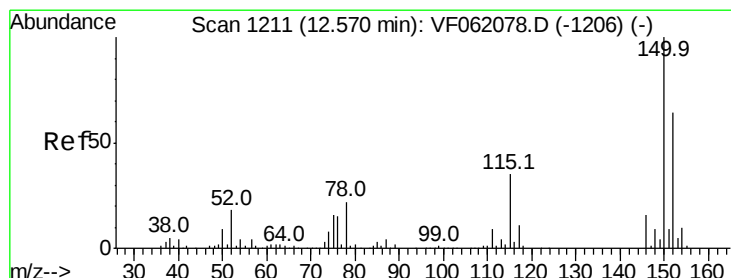
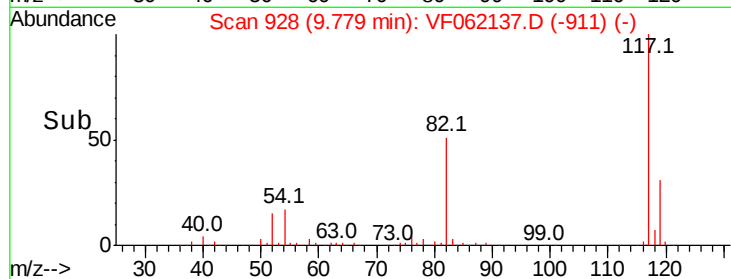
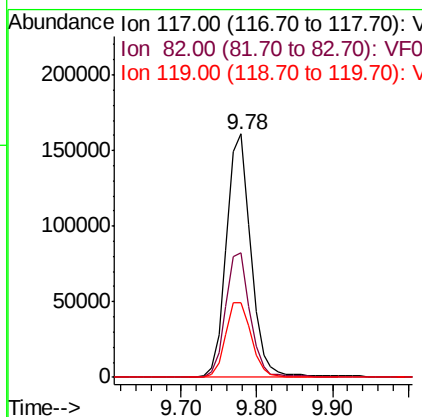
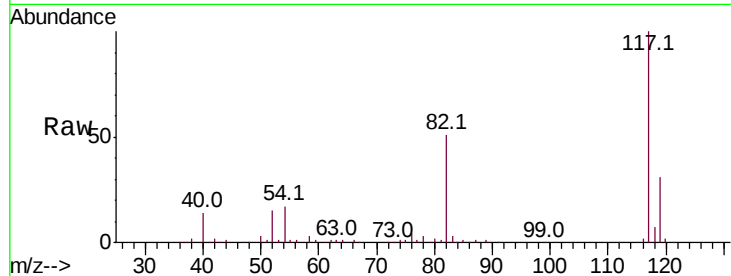
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF062137.D
Acq: 25 Mar 2019 17:49

Instrument :
MSVOA_F
ClientSampleId :
S4C(21)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	39.2	58.8
119	30.9	25.4	38.2

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF062137.D
Acq: 25 Mar 2019 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.2	27.7	83.1
150	151.0	0.0	313.2

