

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030519\
 Data File : VF061855.D
 Acq On : 5 Mar 2019 19:58
 Operator : VA/AP
 Sample : K1707-05
 Misc : 7.41g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S12

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 12:12:23 AM

Quant Time: Mar 06 06:25:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	148523	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	199849	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	89065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	16212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	47585	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
35) Dibromofluoromethane	4.11	113	66053	47.36	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	7.55	98	131449	31.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	63.42%	
62) 4-Bromofluorobenzene	11.41	95	20956	12.91	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	25.82%	
Target Compounds						
16) Acetone	2.24	43	5670	25.026	ug/l	Qvalue 96

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

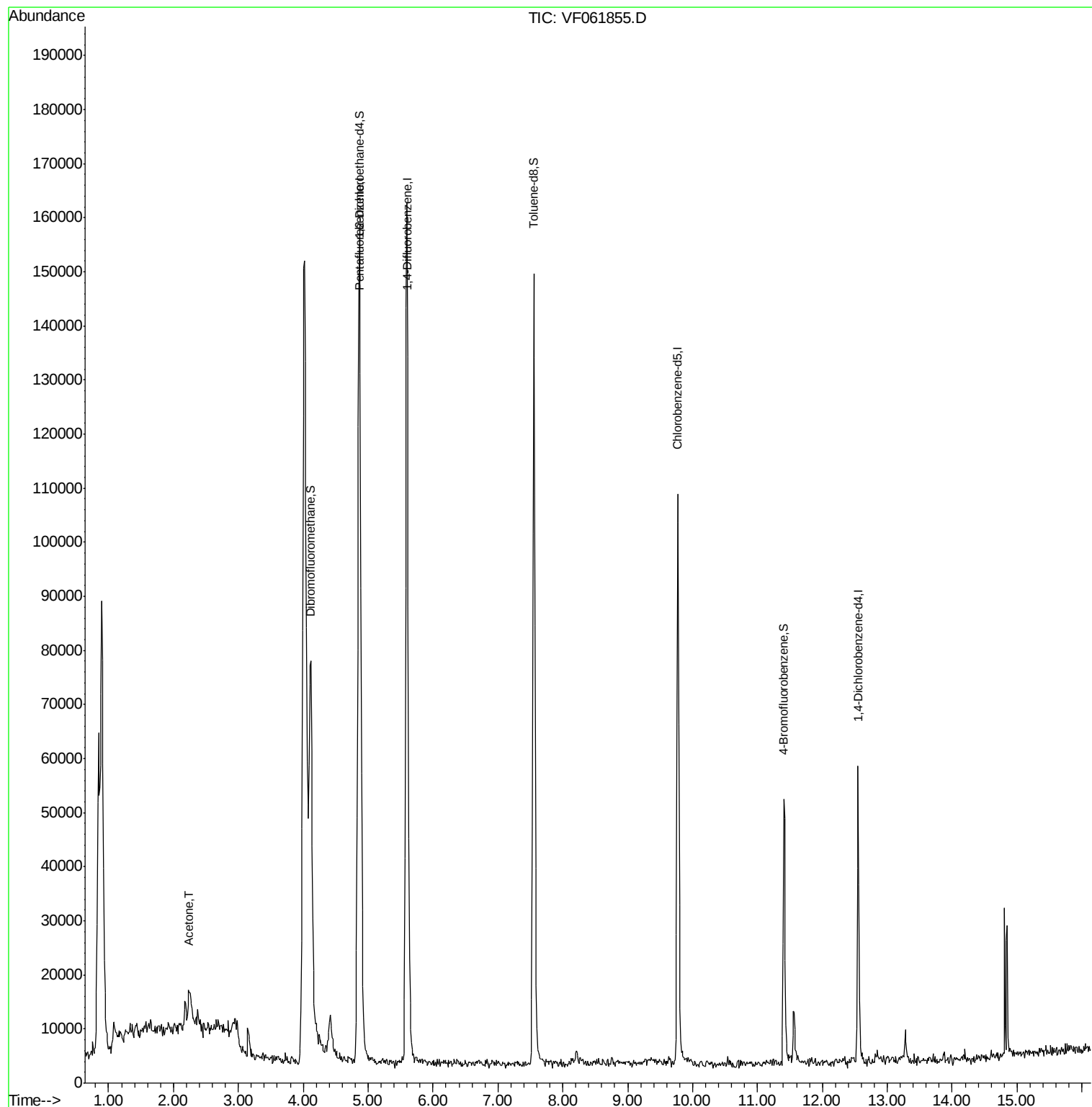
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030519\
Data File : VF061855.D
Acq On : 5 Mar 2019 19:58
Operator : VA/AP
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ALS Vial : 14 Sample Multiplier: 1

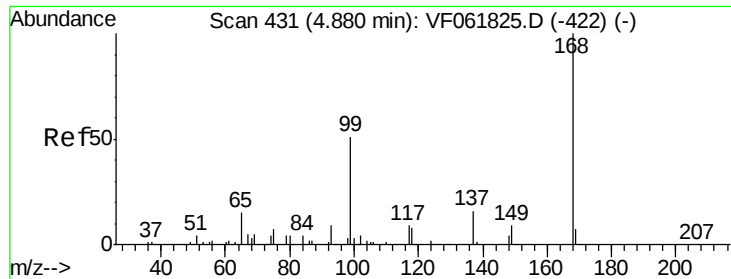
Instrument :
MSVOA_F
ClientSampleId :
S12

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3/8/2019 12:12:23 AM

Quant Time: Mar 06 06:25:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061855.D

Acq: 5 Mar 2019 19:58

Instrument :

MSVOA_F

ClientSampleId :

S12

Tot Ion:168 Resp: 148523

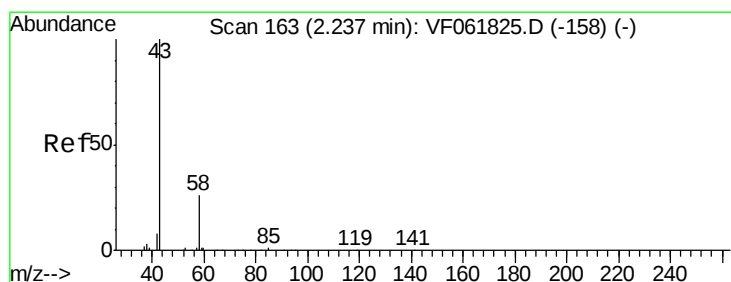
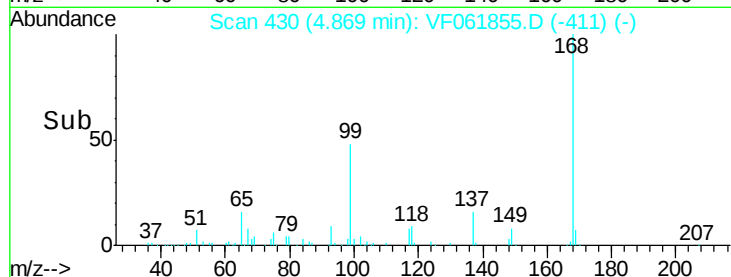
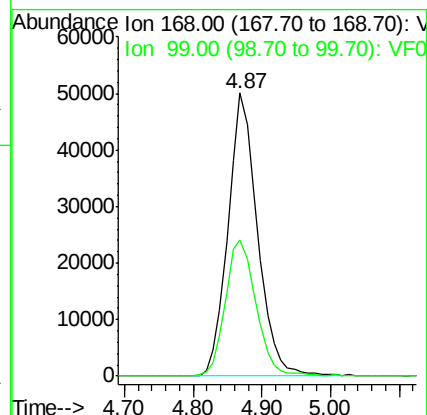
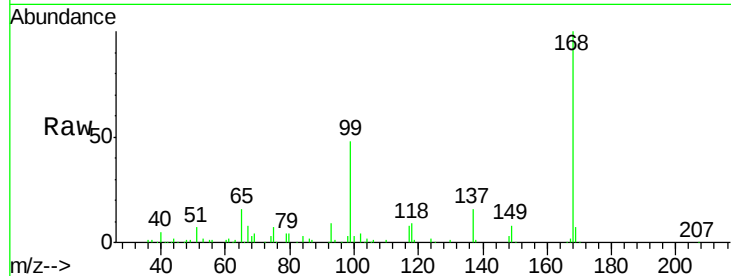
Ion Ratio Lower Upper

168 100

99 48.2 40.8 61.2

Manual Integrations
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#16

Acetone

Concen: 25.026 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF061855.D

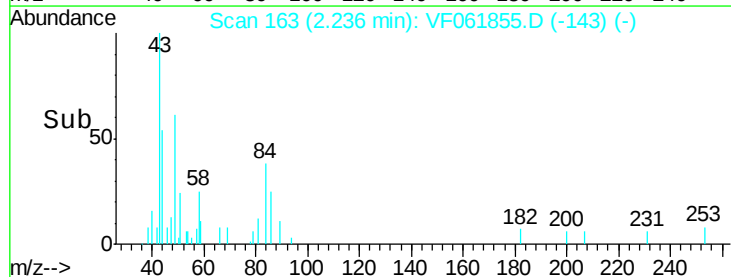
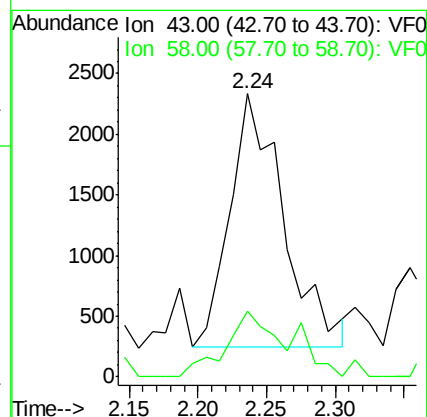
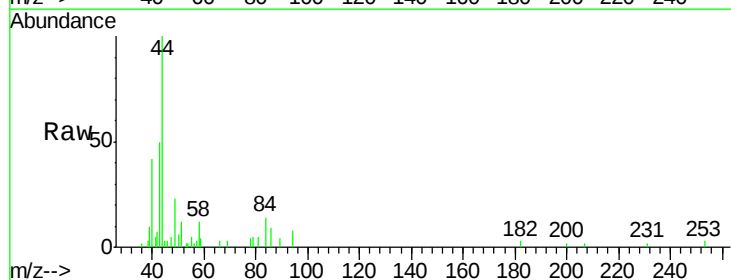
Acq: 5 Mar 2019 19:58

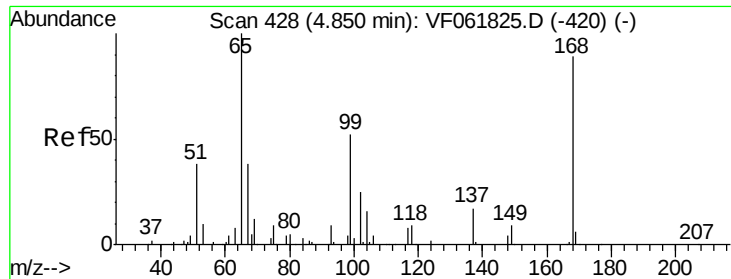
Tgt Ion: 43 Resp: 5670

Ion Ratio Lower Upper

43 100

58 23.1 20.3 30.5





#33

1,2-Dichloroethane-d4

Concen: 43.995 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.00 min

Lab File: VF061855.D

Acq: 5 Mar 2019 19:58

Instrument :

MSVOA_F

ClientSampleId :

S12

Tot Ion: 65 Resp: 47585

Ion Ratio Lower Upper

65 100

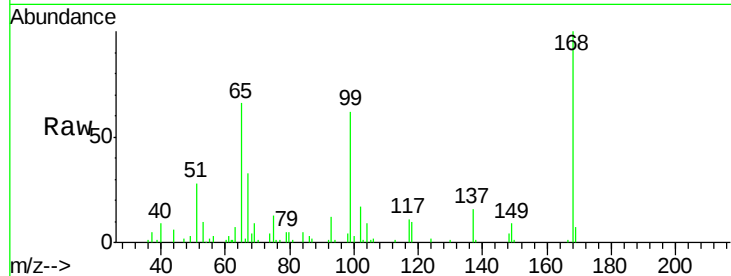
67 50.2 0.0 108.6

Manual Integrations

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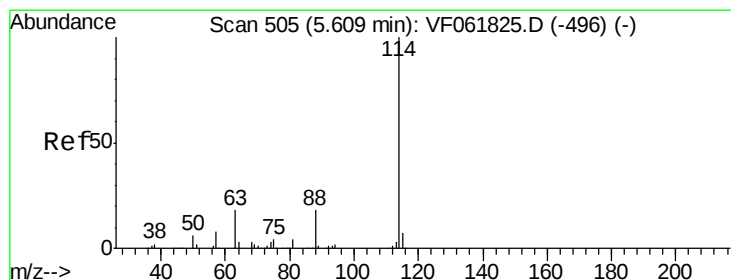
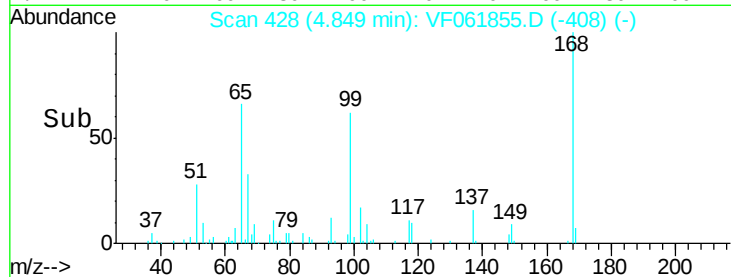
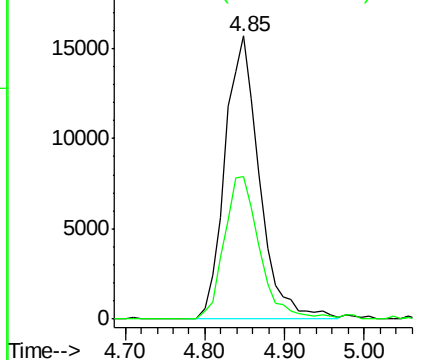
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061855.D

Acq: 5 Mar 2019 19:58

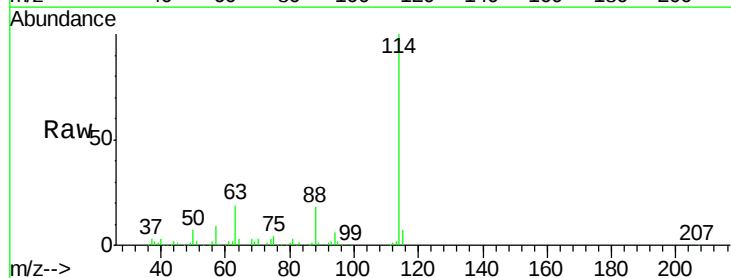
Tgt Ion: 114 Resp: 199849

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

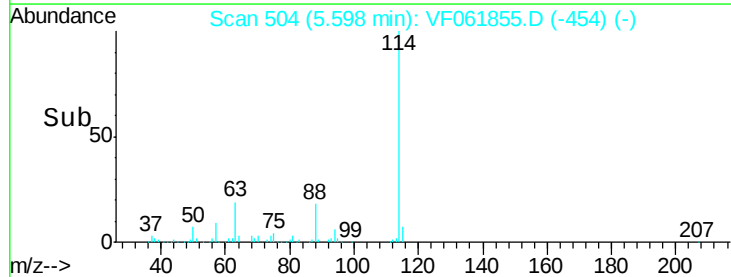
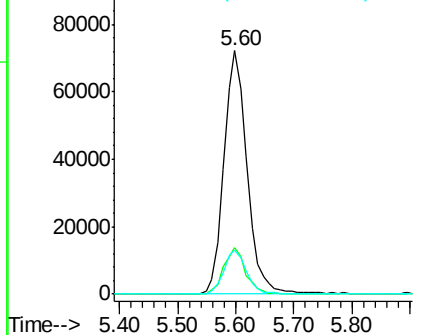
88 17.9 0.0 35.6

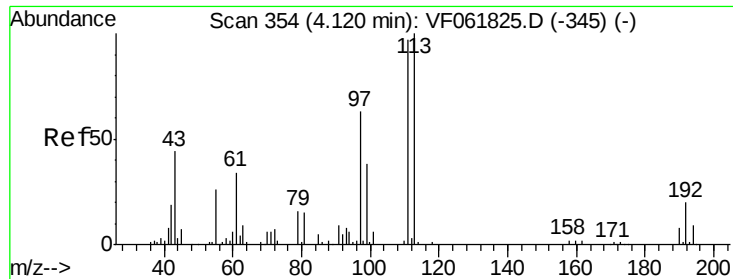


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





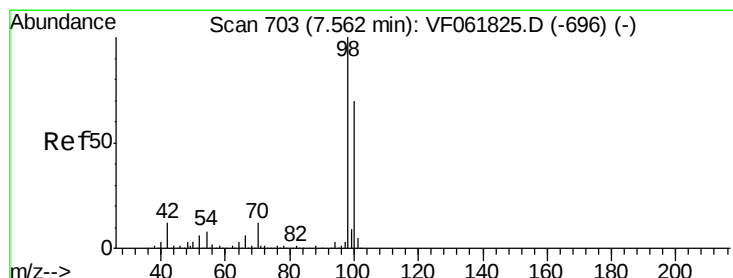
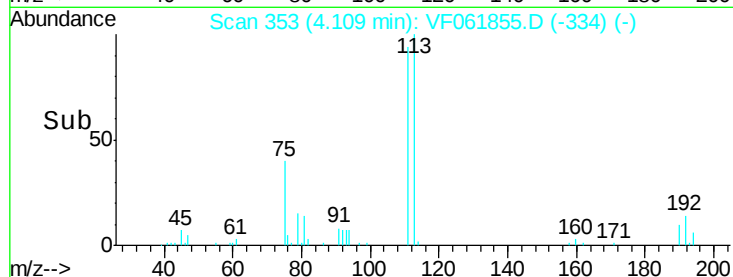
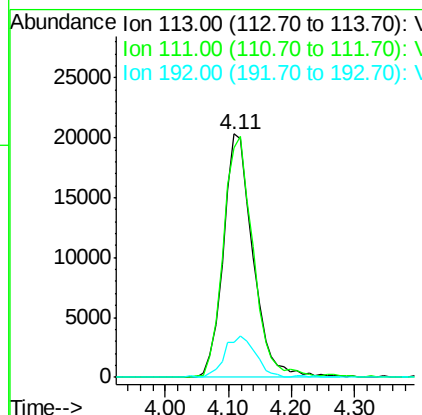
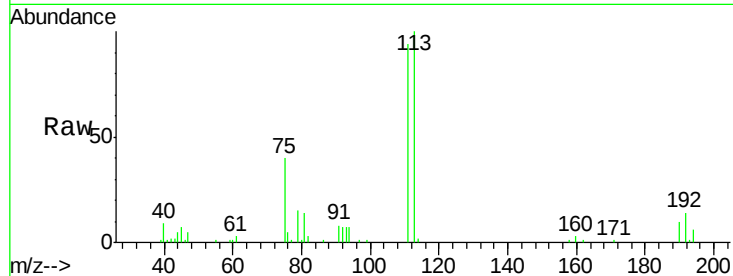
#35
Dibromofluoromethane
Concen: 47.360 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF061855.D
Acq: 5 Mar 2019 19:58

Instrument :
MSVOA_F
ClientSampled :
S12

Tot Ion	Ratio	Lower	Upper
113	100		
111	94.1	77.6	116.4
192	15.0	15.9	23.9#

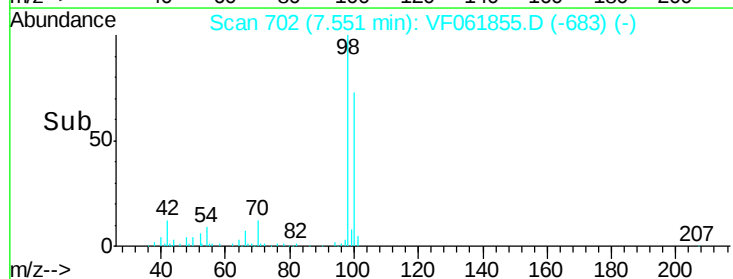
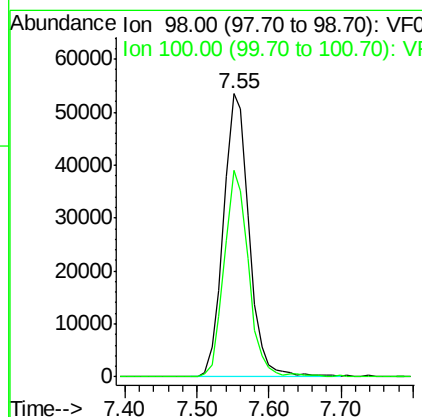
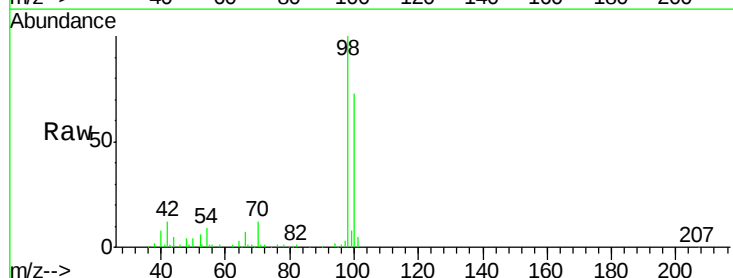
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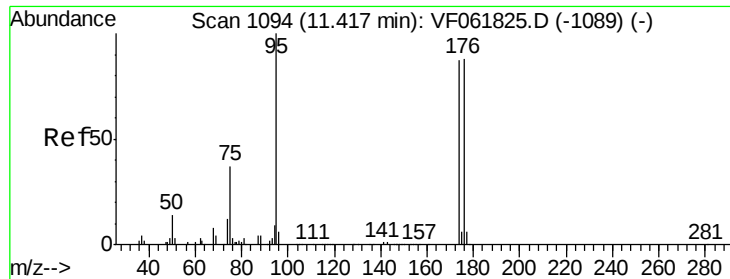
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#50
Toluene-d8
Concen: 31.709 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061855.D
Acq: 5 Mar 2019 19:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	73.1	56.0	84.0





#62

4-Bromofluorobenzene

Concen: 12.905 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061855.D

Acq: 5 Mar 2019 19:58

Instrument :

MSVOA_F

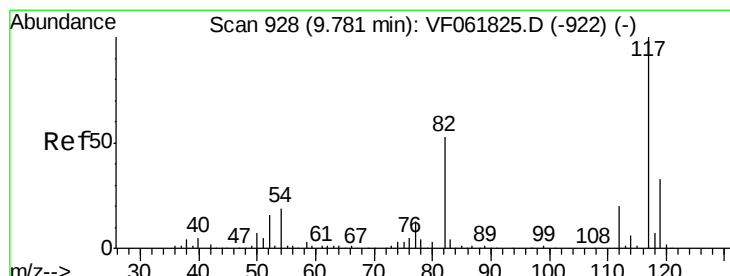
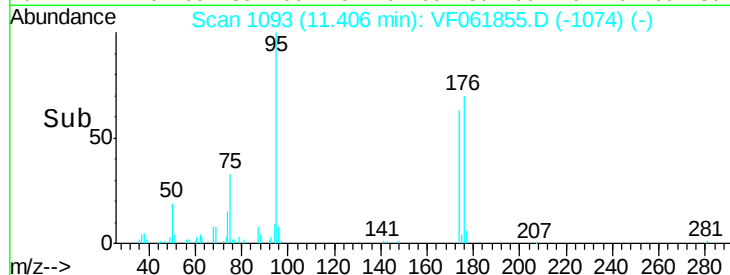
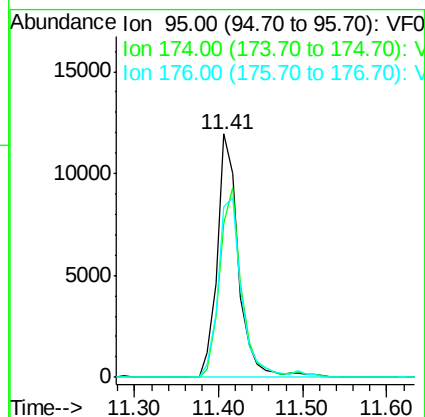
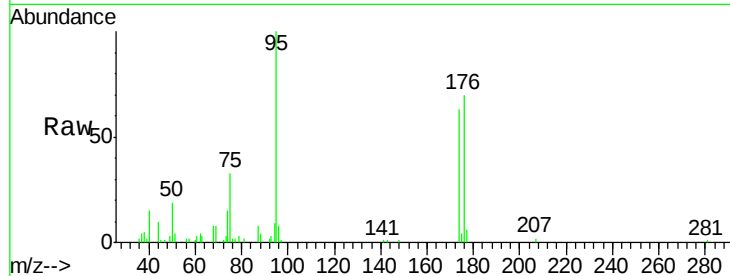
ClientSampleId :

S12

Tot Ion:	95	Resp:	20956
Ion	Ratio	Lower	Upper
95	100		
174	63.0	0.0	174.0
176	70.0	0.0	175.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

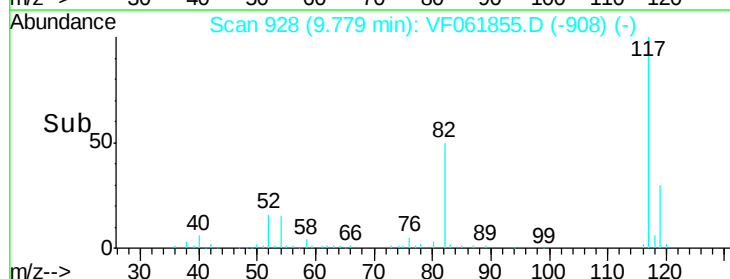
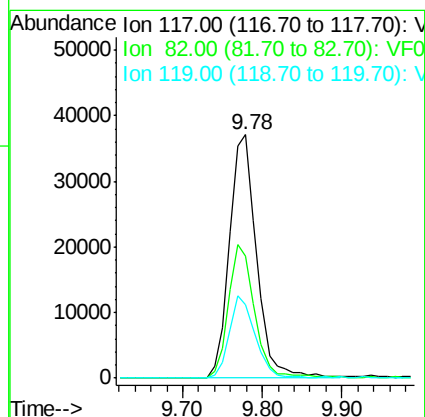
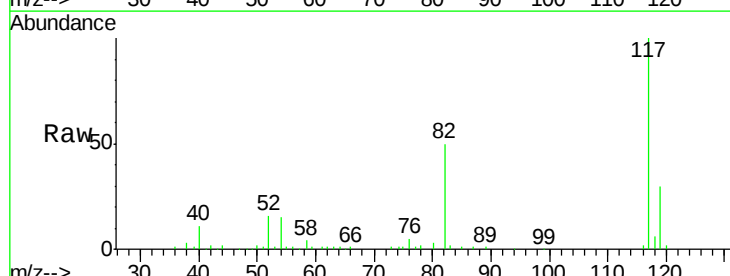
RT: 9.78 min Scan# 928

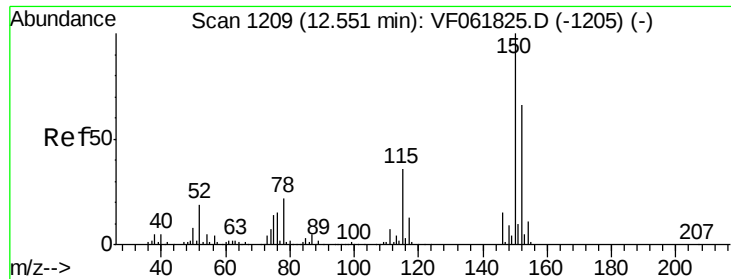
Delta R.T. -0.00 min

Lab File: VF061855.D

Acq: 5 Mar 2019 19:58

Tgt Ion:	117	Resp:	89065
Ion	Ratio	Lower	Upper
117	100		
82	50.3	42.6	63.8
119	30.1	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.00 min

Lab File: VF061855.D

Acq: 5 Mar 2019 19:58

Instrument :

MSVOA_F

ClientSampleId :

S12

Tot Ion:152 Resp: 16212

Ion Ratio Lower Upper

152 100

115 46.5 27.7 83.1

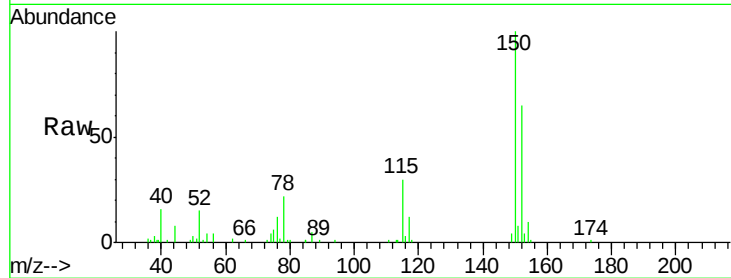
150 154.6 0.0 304.2

Manual Integrations

APPROVED

MMDadoda

3/8/2019 12:12:23 AM



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

