

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061373.D
 Acq On : 11 Jan 2019 17:37
 Operator : VA/AP
 Sample : K1118-01
 Misc : 6.75g/5mL/MSVOA-F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FENCE-SOIL-PILE-1

Manual Integrations
 APPROVED

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 1/14/2019 1:17:09 PM

Quant Time: Jan 12 04:19:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	207632	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	389699	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	326529	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	130711	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	131215	56.78	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	113.56%	
35) Dibromofluoromethane	4.09	113	151533	50.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	7.54	98	368737	41.79	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.58%	
62) 4-Bromofluorobenzene	11.39	95	155238	40.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	80.58%	
Target Compounds						
16) Acetone	2.22	43	16143	30.027	ug/l	99
20) Methylene Chloride	2.17	84	19952m	8.772	ug/l	

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

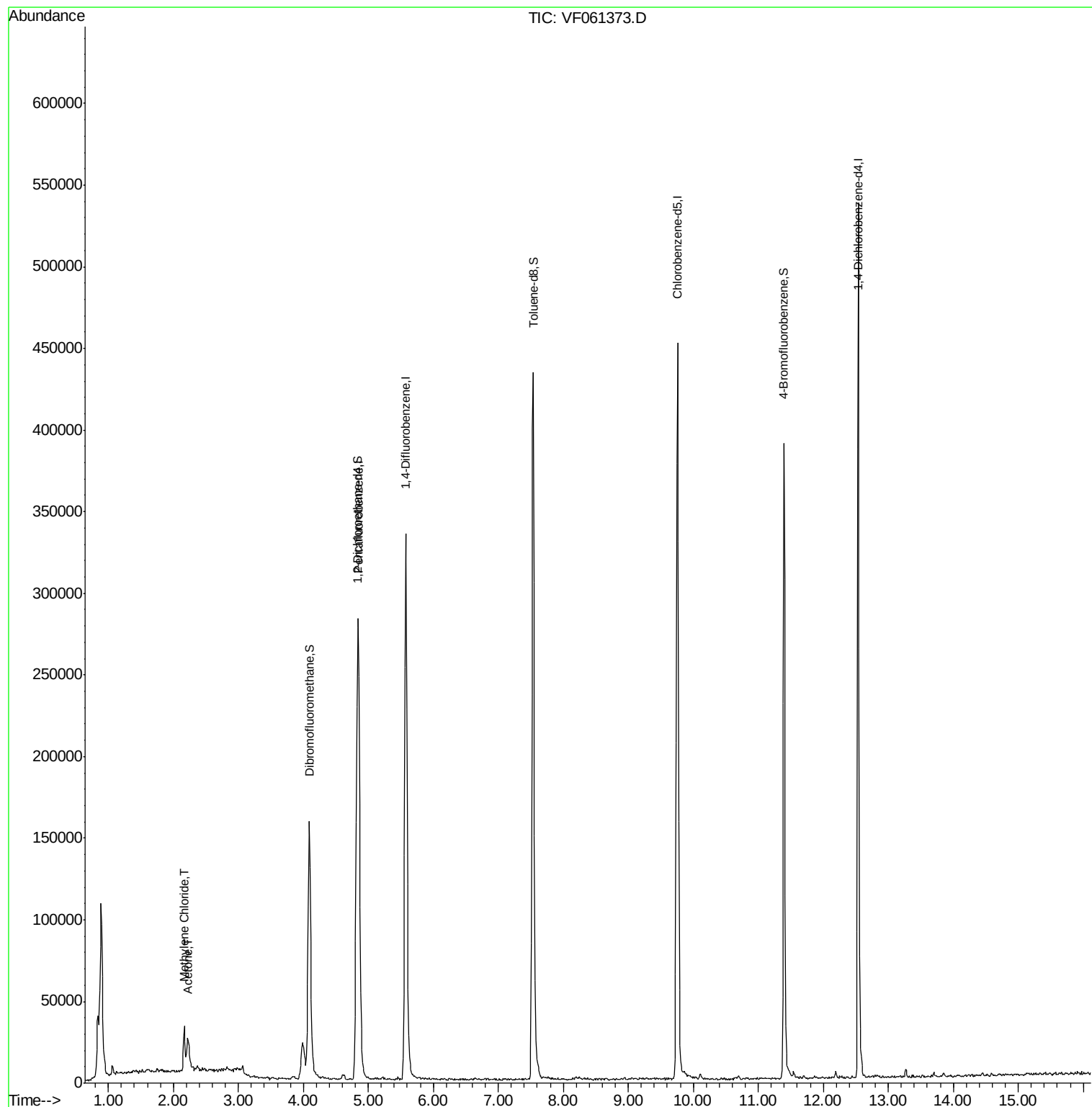
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011119\
Data File : VF061373.D
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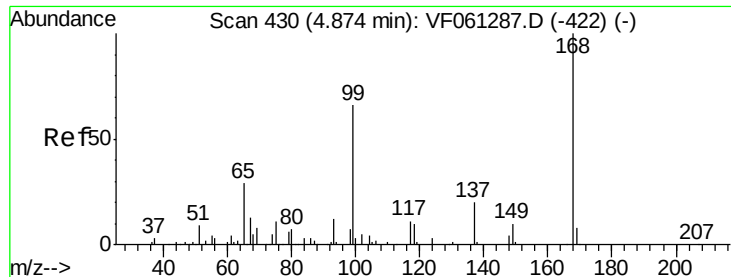
Instrument :
MSVOA_F
ClientSampleId :
FENCE-SOIL-PILE-1

Manual Integrations
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Quant Time: Jan 12 04:19:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061373.D

Acq: 11 Jan 2019 17:37

Instrument :

MSVOA_F

ClientSampleId :

FENCE-SOIL-PILE-1

Tot Ion:168 Resp: 207632

Ion Ratio Lower Upper

168 100

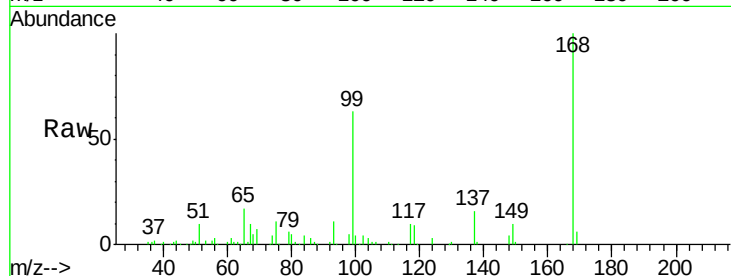
99 62.7 52.7 79.1

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

4.85

80000

60000

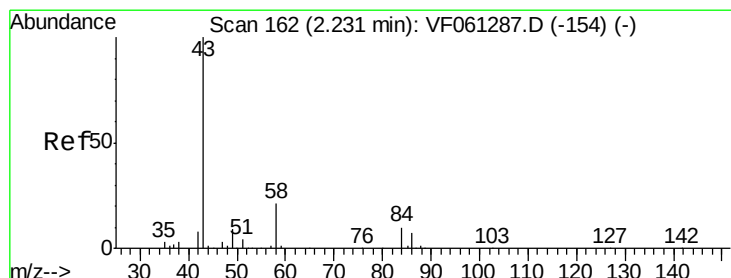
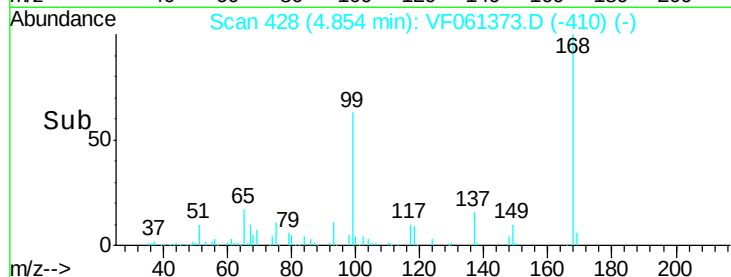
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 30.027 ug/l

RT: 2.22 min Scan# 161

Delta R.T. -0.01 min

Lab File: VF061373.D

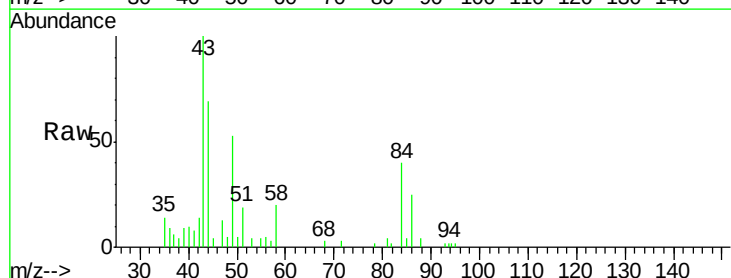
Acq: 11 Jan 2019 17:37

Tgt Ion: 43 Resp: 16143

Ion Ratio Lower Upper

43 100

58 20.4 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.22

6000

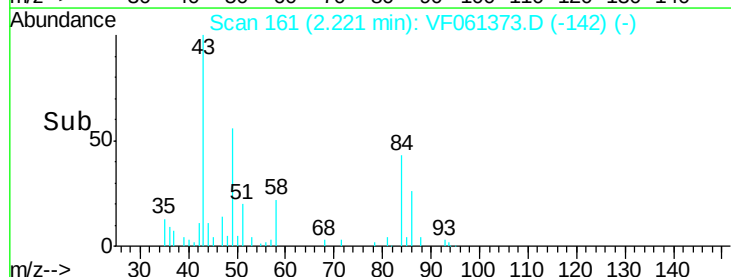
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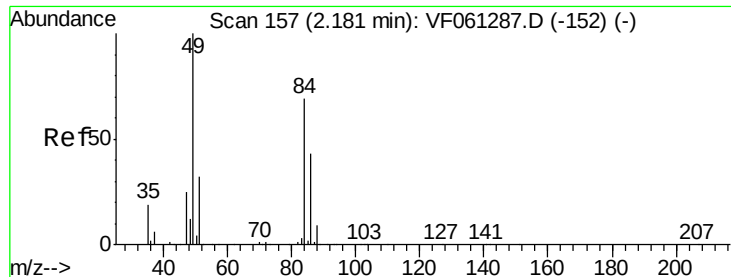
2000

0

2.10 2.20 2.30

Time-->





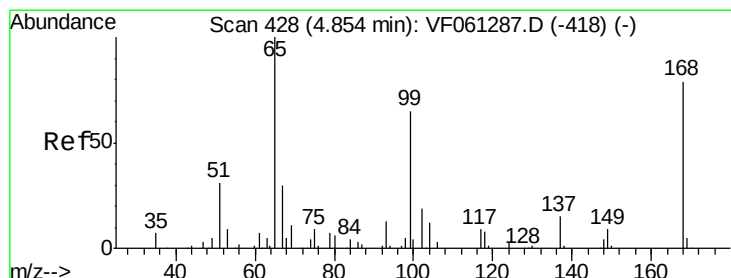
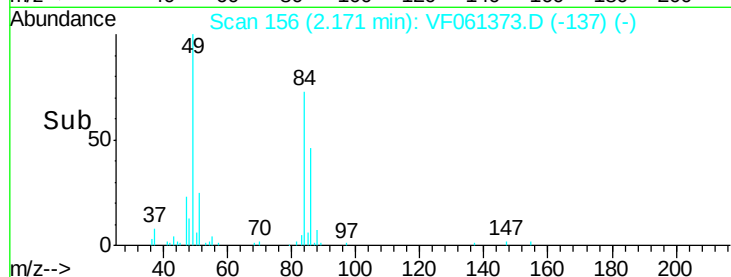
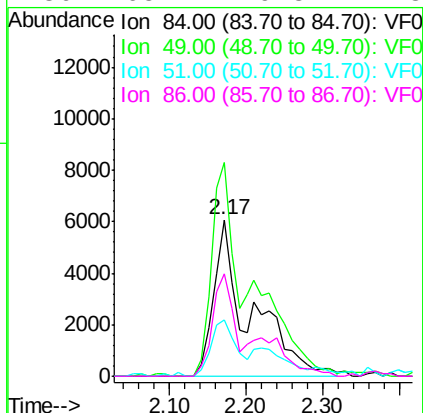
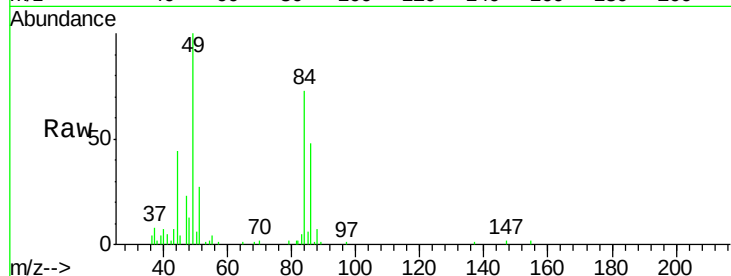
#20
Methvlene Chloride
Concen: 8.772 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF061373.D
Acq: 11 Jan 2019 17:37

Instrument :
MSVOA_F
ClientSampleId :
FENCE-SOIL-PILE-1

Tot Ion	Ratio	Lower	Upper
84	100		
49	136.8	116.6	175.0
51	36.5	37.7	56.5
86	65.2	49.8	74.8

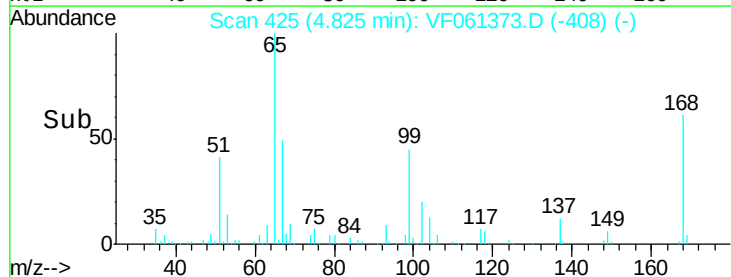
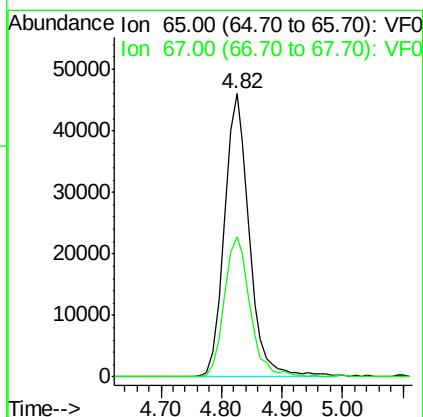
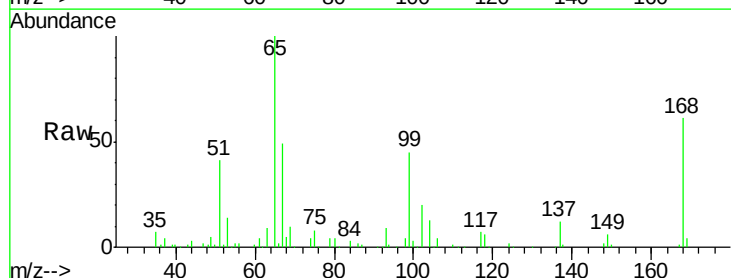
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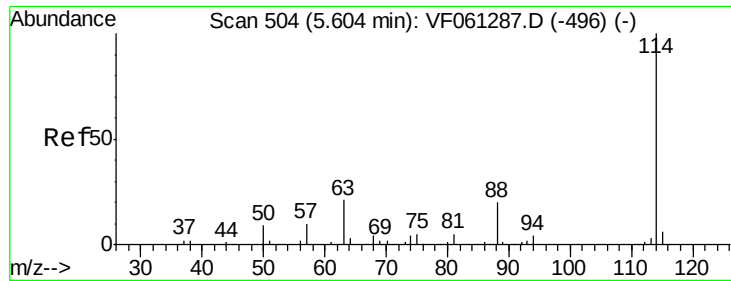
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#33
1,2-Dichloroethane-d4
Concen: 56.777 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061373.D
Acq: 11 Jan 2019 17:37

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	98.2





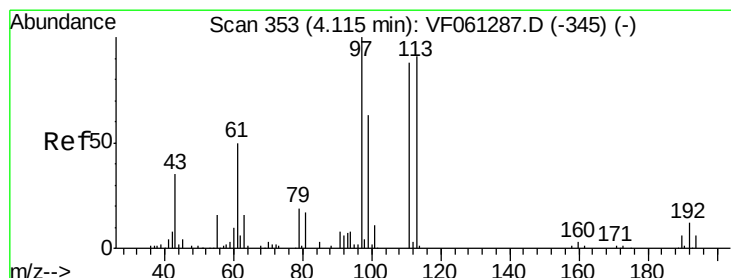
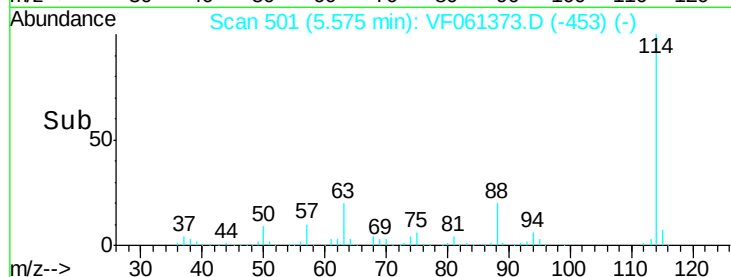
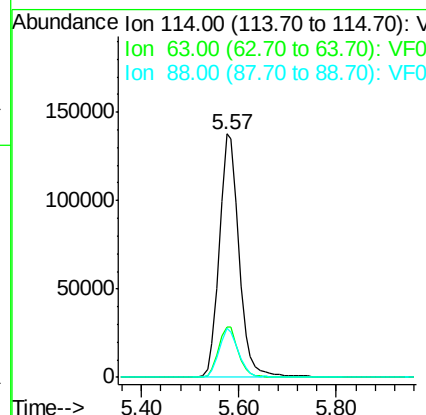
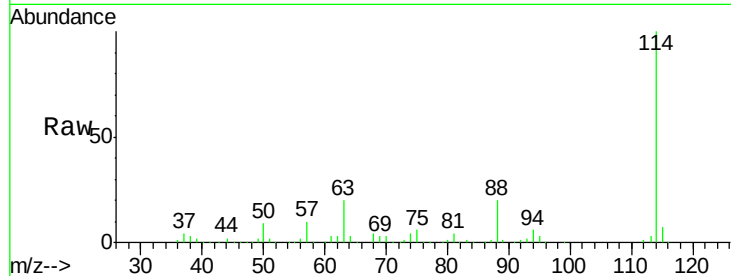
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.03 min
Lab File: VF061373.D
Acq: 11 Jan 2019 17:37

Instrument :
MSVOA_F
ClientSampleId :
FENCE-SOIL-PILE-1

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.4	0.0	42.8
88	20.0	0.0	40.0

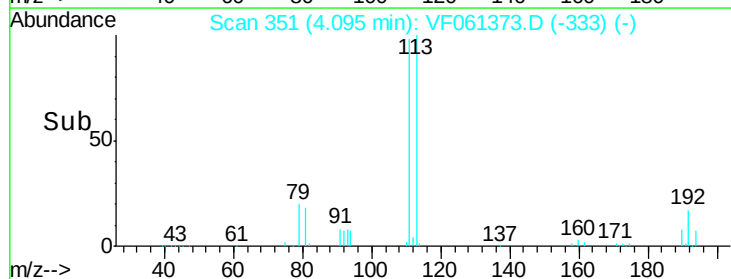
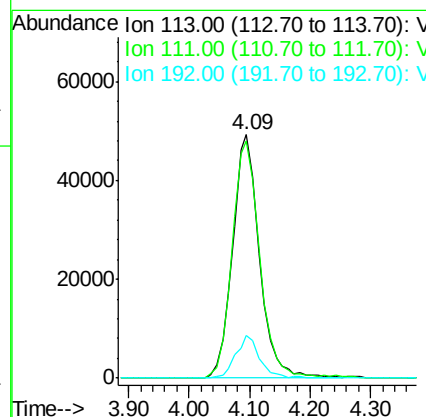
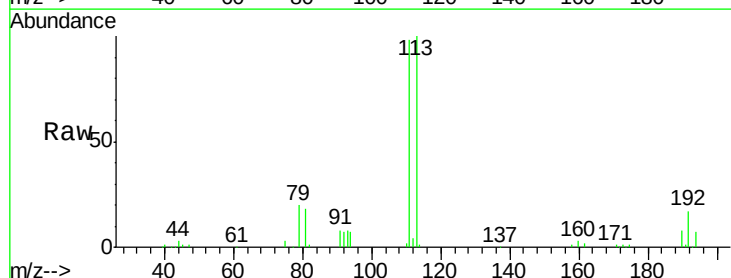
Manual Integrations
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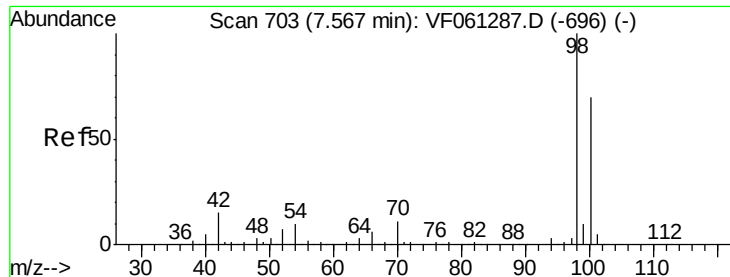
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#35
Dibromofluoromethane
Concen: 50.819 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061373.D
Acq: 11 Jan 2019 17:37

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	97.7	78.0	117.0
192	17.5	10.6	16.0





#50

Toluene-d8

Concen: 41.788 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061373.D

Acq: 11 Jan 2019 17:37

Instrument :

MSVOA_F

ClientSampleId :

FENCE-SOIL-PILE-1

Tot Ion: 98 Resp: 368737

Ion Ratio Lower Upper

98 100

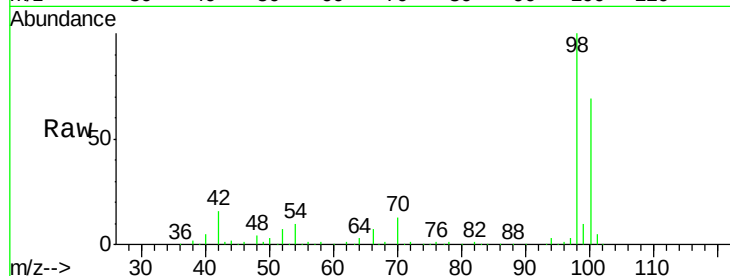
100 69.4 55.6 83.4

Manual Integrations

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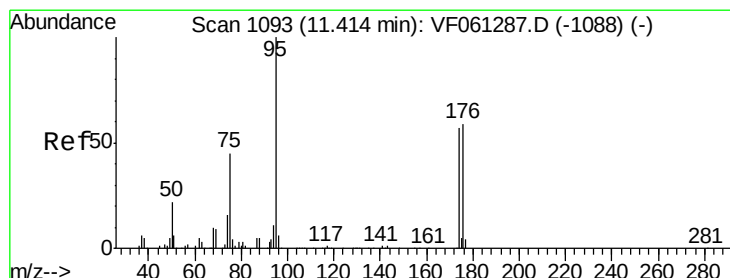
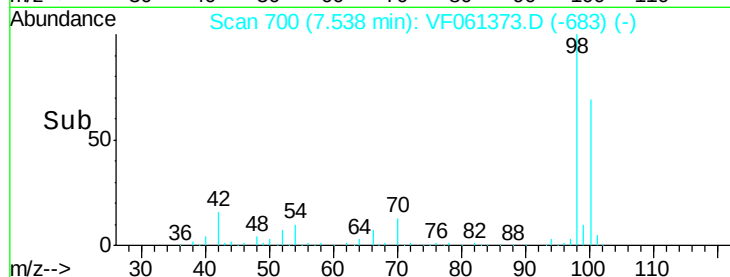
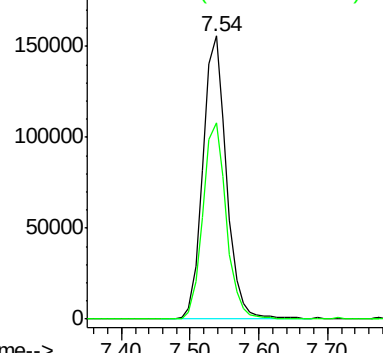
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 40.289 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VF061373.D

Acq: 11 Jan 2019 17:37

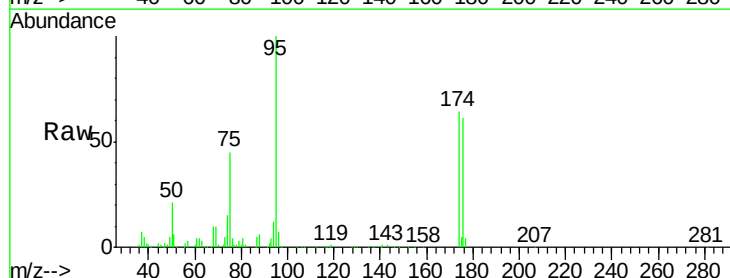
Tgt Ion: 95 Resp: 155238

Ion Ratio Lower Upper

95 100

174 63.9 0.0 114.2

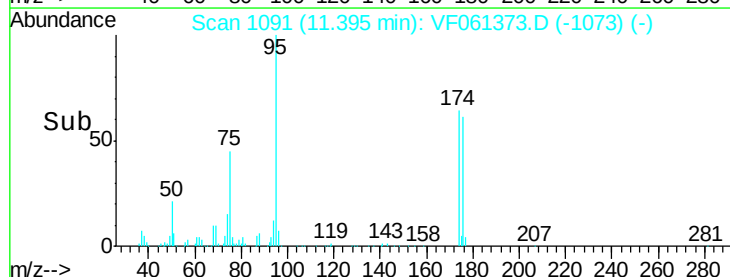
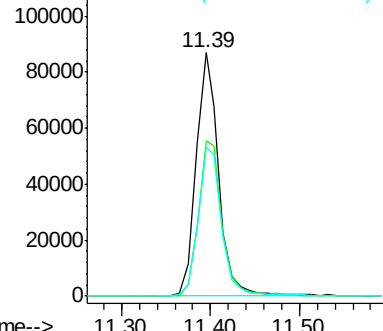
176 61.1 0.0 117.8

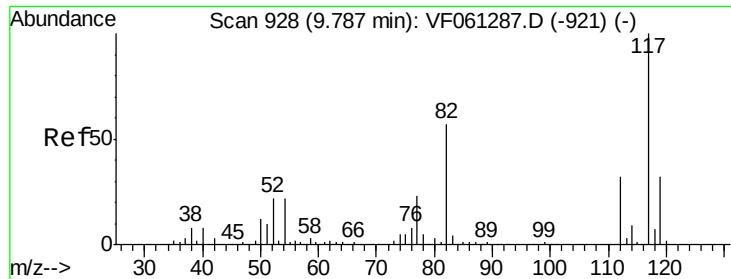


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





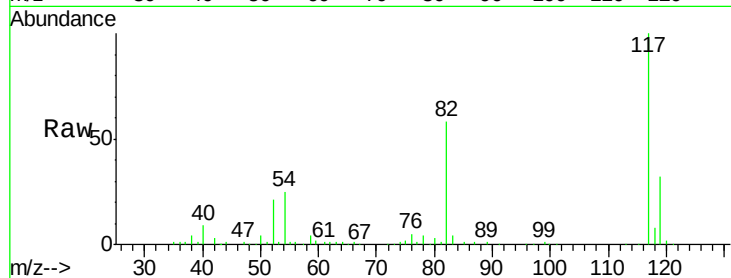
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061373.D
Acq: 11 Jan 2019 17:37

Instrument :
MSVOA_F
ClientSampleId :
FENCE-SOIL-PILE-1

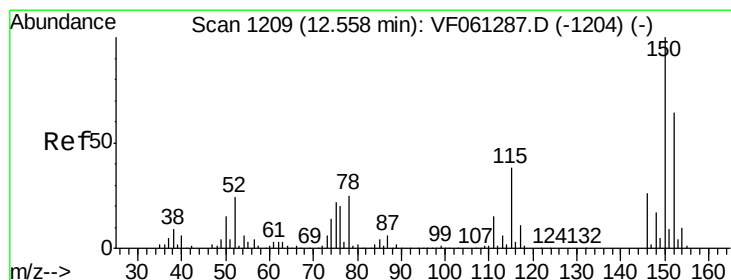
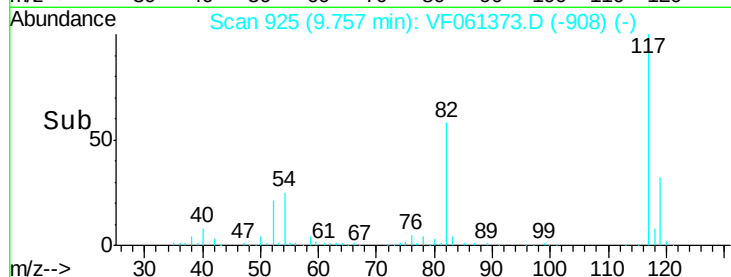
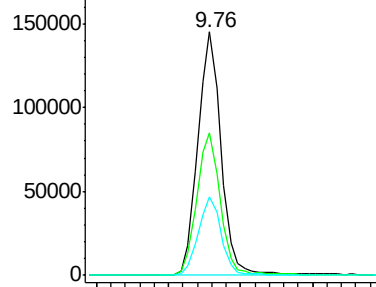
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.3	67.9
119	32.1	25.4	38.0

Manual Integrations
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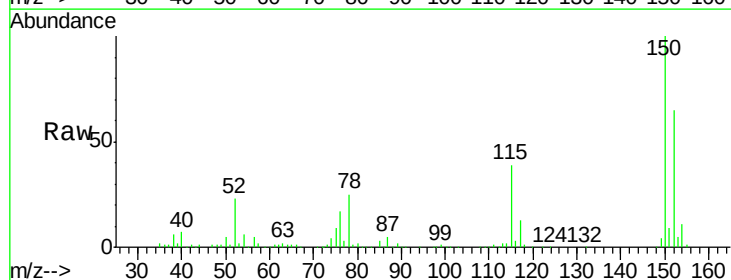


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061373.D
Acq: 11 Jan 2019 17:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.6	88.9
150	153.3	0.0	315.4



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

