

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061711.D
 Acq On : 22 Feb 2019 16:30
 Operator : VA/AP
 Sample : K1595-03
 Misc : 5.46g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-CBF-B11

Manual Integrations
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 2/27/2019 5:41:05 PM

Quant Time: Feb 23 03:14:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	302630	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	490713	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	356527	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	151577	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	112608	50.74	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	4.09	113	169069	46.40	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.80%	
50) Toluene-d8	7.54	98	358929	34.26	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.52%	
62) 4-Bromofluorobenzene	11.40	95	139325	32.87	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	65.74%	
Target Compounds						
16) Acetone	2.23	43	37428	78.606	ug/l	Qvalue 100
20) Methylene Chloride	2.23	84	14717m	3.420	ug/l	
25) 2-Butanone	4.33	43	10650	10.240	ug/l	99
29) Tetrahydrofuran	4.07	42	12389	26.208	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.27	63	16879	38.782	ug/l	94

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

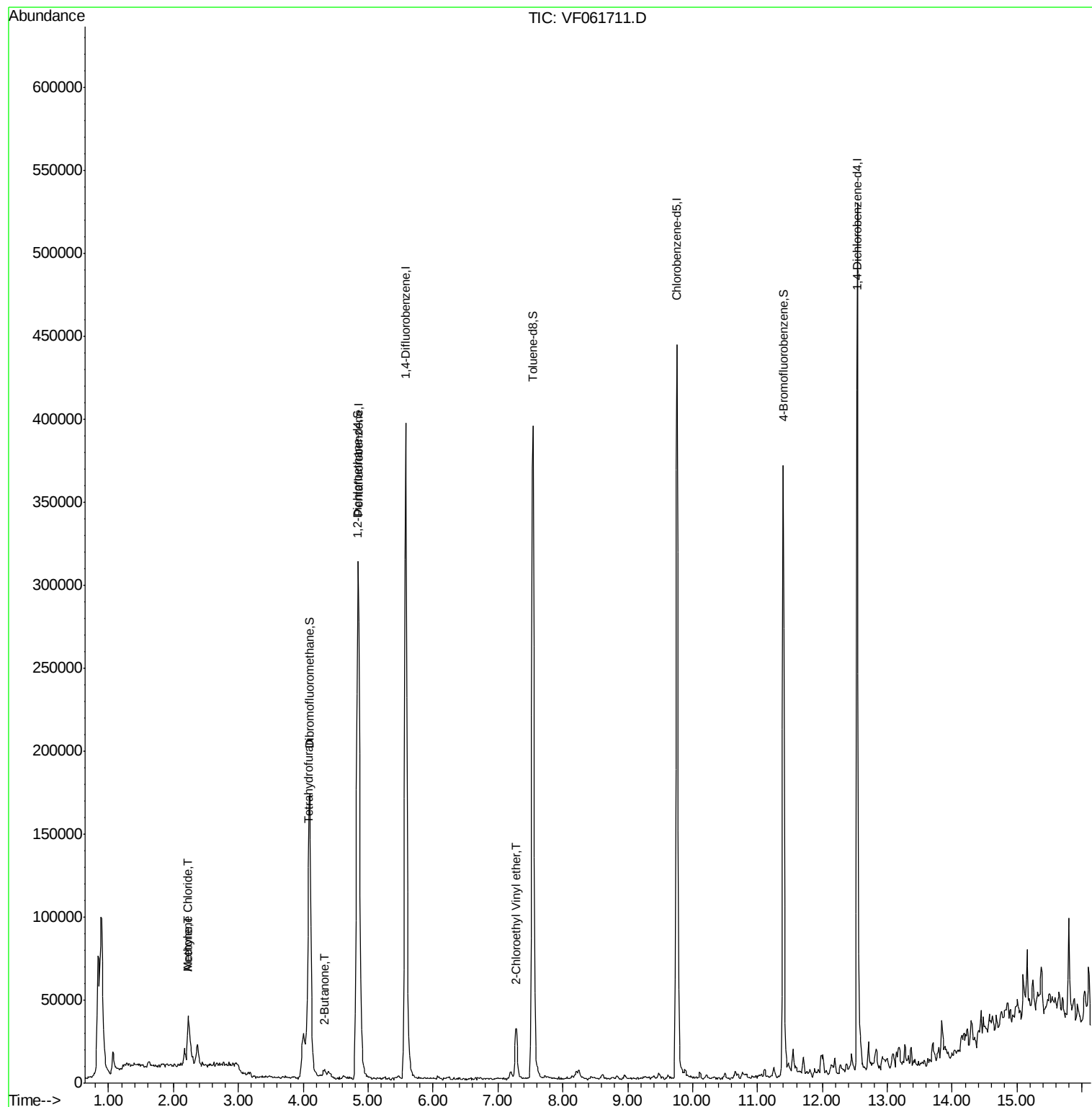
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022219\
Data File : VF061711.D
Acq On : 22 Feb 2019 16:30
Operator : VA/AP
Sample : K1595-03
Misc : 5.46g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

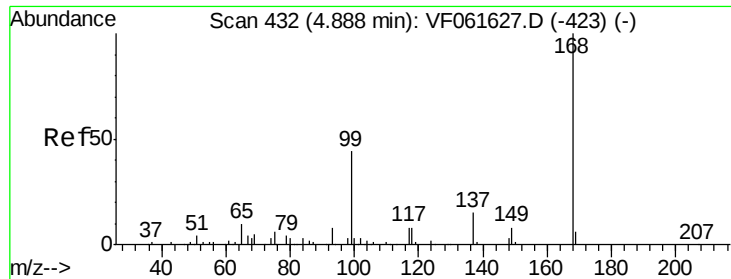
Instrument :
MSVOA_F
ClientSampleId :
TP-CBF-B11

Manual Integrations
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Quant Time: Feb 23 03:14:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061711.D

Acq: 22 Feb 2019 16:30

Instrument :

MSVOA_F

ClientSampled :

TP-CBF-B11

Tot Ion:168 Resp: 302630

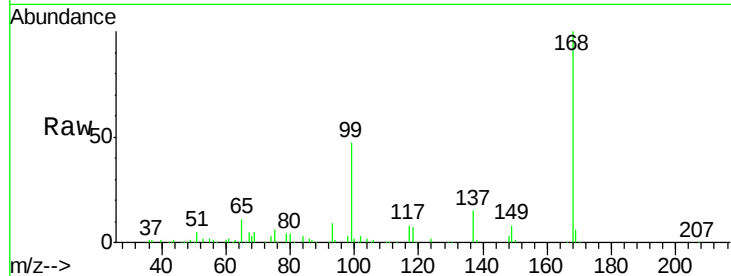
Ion Ratio Lower Upper

168 100

99 46.7 34.9 52.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

100000

80000

60000

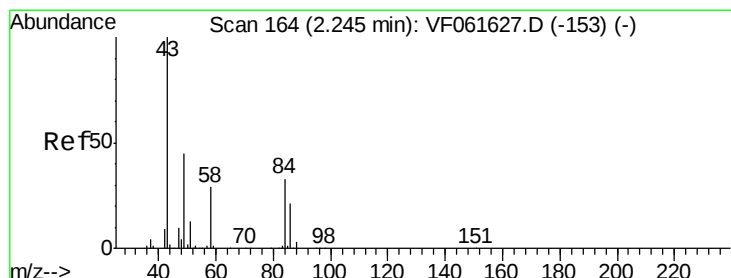
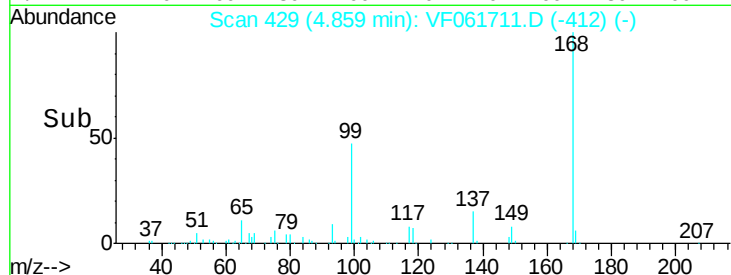
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 78.606 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061711.D

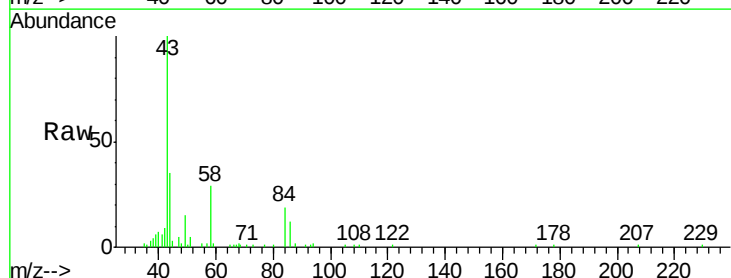
Acq: 22 Feb 2019 16:30

Tgt Ion: 43 Resp: 37428

Ion Ratio Lower Upper

43 100

58 28.6 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

15000

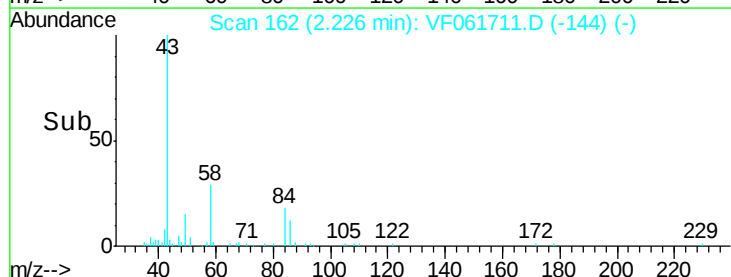
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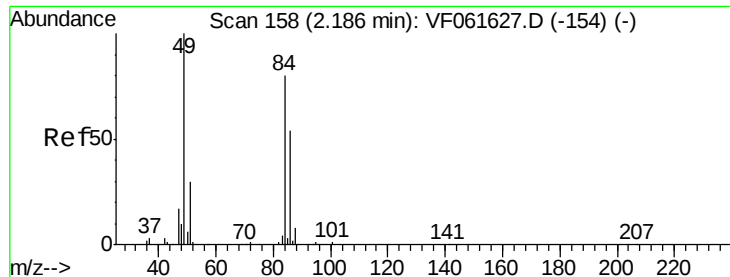
5000

0

Time-->

2.10 2.20 2.30





#20

Methvlene Chloride

Concen: 3.420 ug/l m

RT: 2.23 min Scan# 162

Delta R.T. 0.04 min

Lab File: VF061711.D

Acq: 22 Feb 2019 16:30

Instrument :

MSVOA_F

ClientSampleId :

TP-CBF-B11

Tot Ion: 84 Resp: 14717

Ion Ratio Lower Upper

84 100

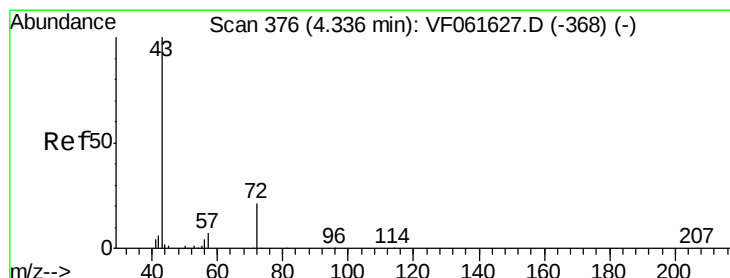
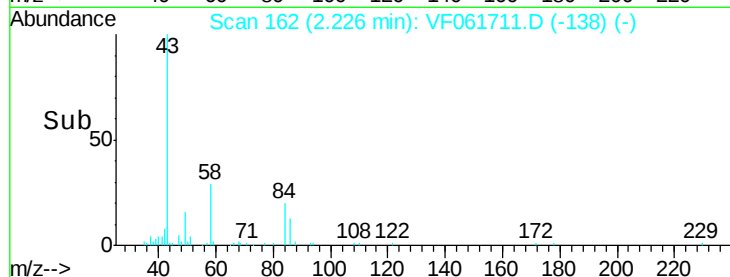
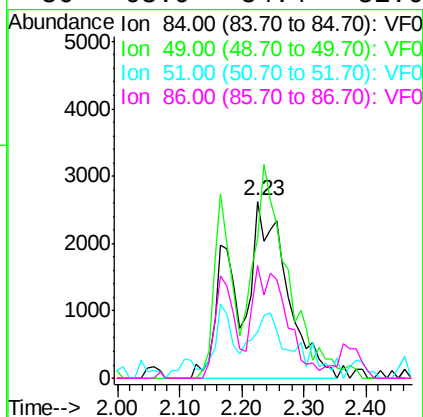
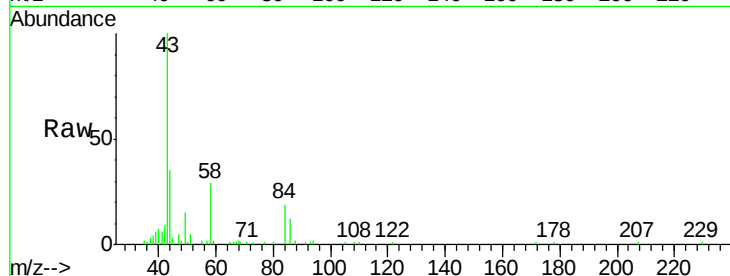
49 78.9 101.8 152.8#

51 26.2 31.1 46.7#

86 63.9 54.4 81.6

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#25

2-Butanone

Concen: 10.240 ug/l

RT: 4.33 min Scan# 375

Delta R.T. -0.01 min

Lab File: VF061711.D

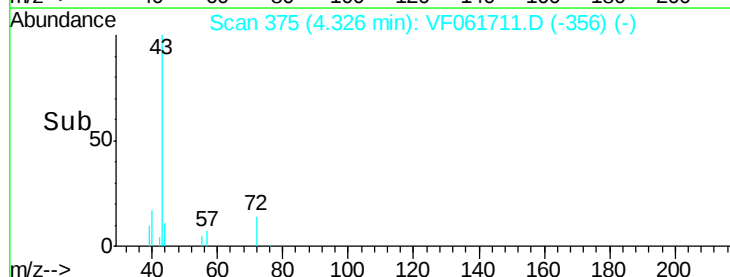
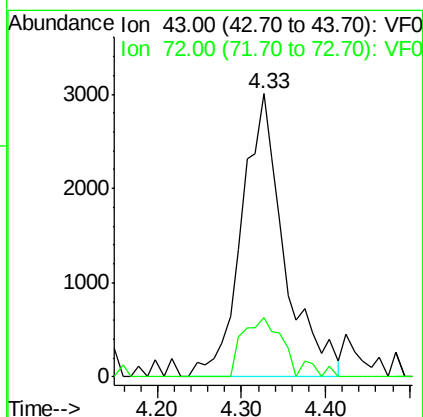
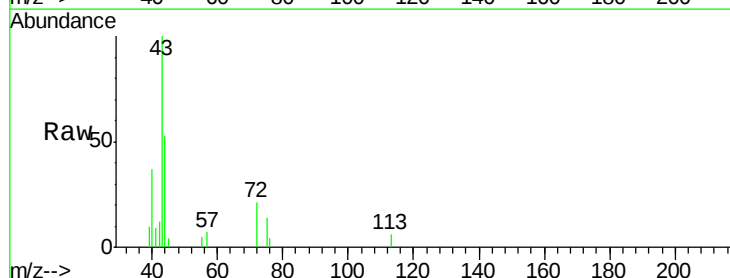
Acq: 22 Feb 2019 16:30

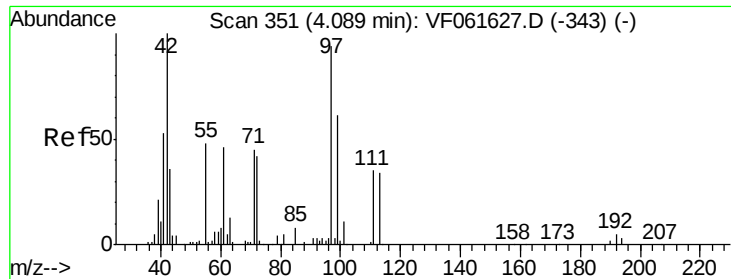
Tgt Ion: 43 Resp: 10650

Ion Ratio Lower Upper

43 100

72 21.0 17.1 25.7





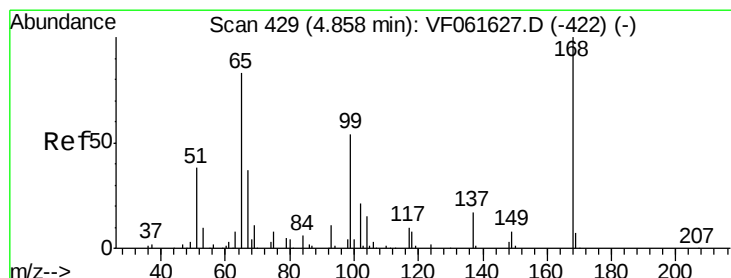
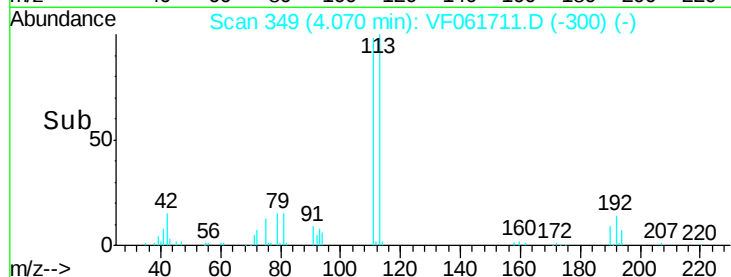
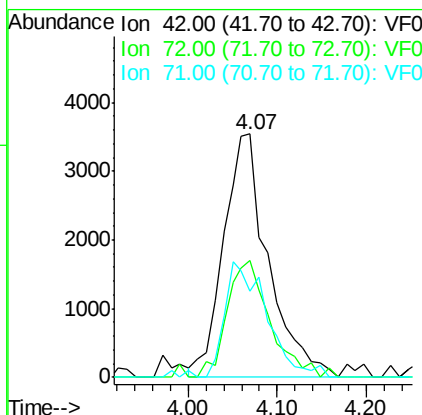
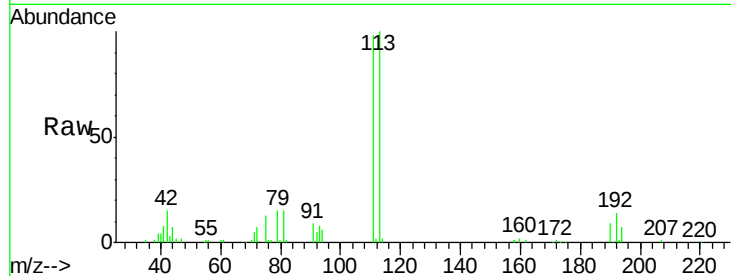
#29
Tetrahydrofuran
Concen: 26.208 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.02 min
Lab File: VF061711.D
Acq: 22 Feb 2019 16:30

Instrument :
MSVOA_F
ClientSampleId :
TP-CBF-B11

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	35.2	52.8
71	45.0	32.9	49.3

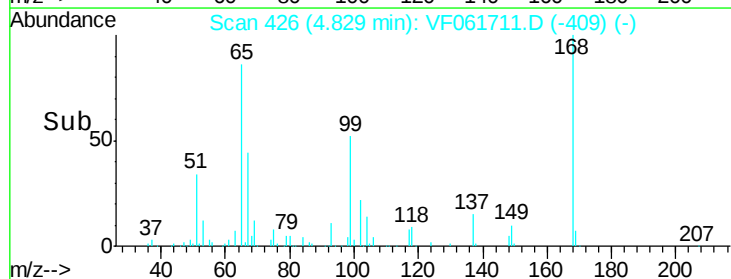
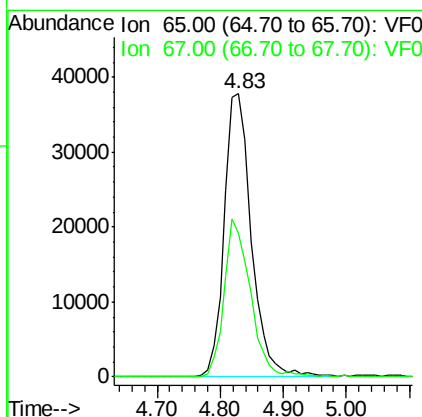
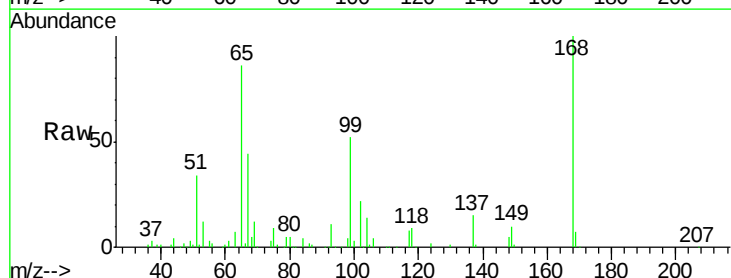
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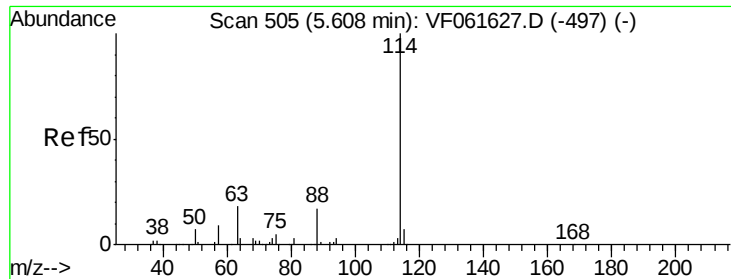
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#33
1,2-Dichloroethane-d4
Concen: 50.742 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061711.D
Acq: 22 Feb 2019 16:30

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061711.D

Acq: 22 Feb 2019 16:30

Instrument :

MSVOA_F

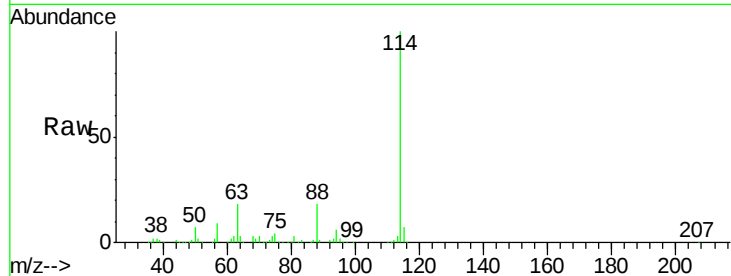
ClientSampleId :

TP-CBF-B11

Tot Ion:	114	Resp:	490713
Ion Ratio	Lower	Upper	
114	100		
63	18.4	0.0	36.6
88	18.3	0.0	34.4

Manual Integrations
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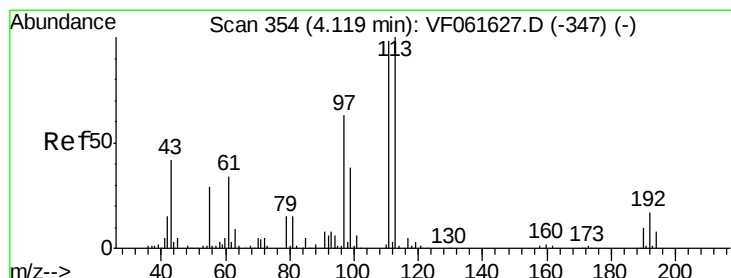
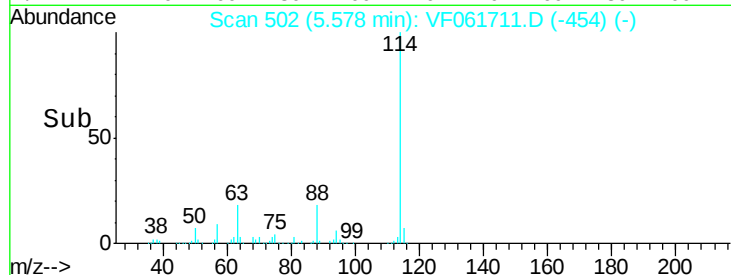
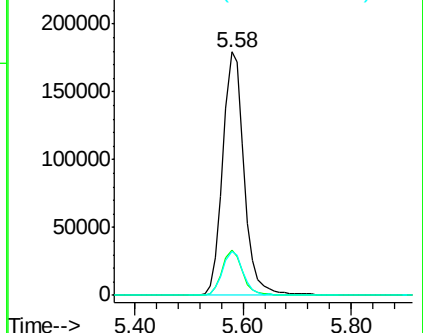
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 46.396 ug/l

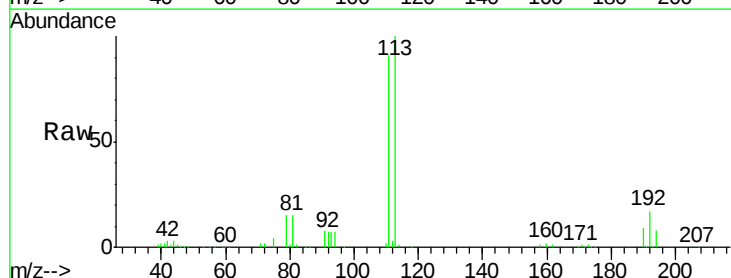
RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061711.D

Acq: 22 Feb 2019 16:30

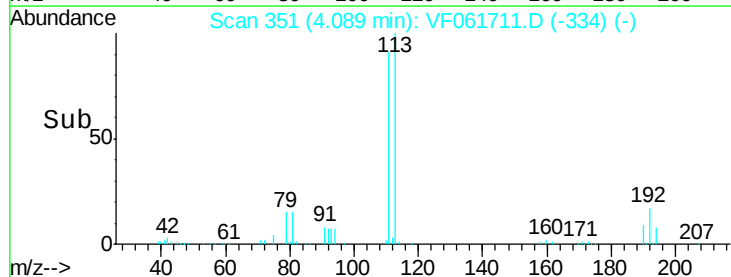
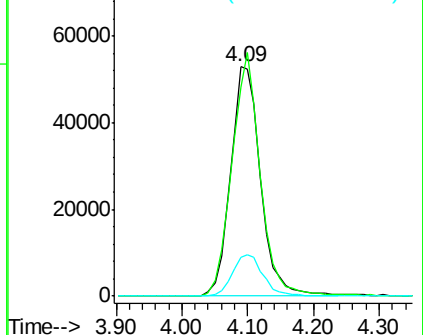
Tgt Ion:	113	Resp:	169069
Ion Ratio	Lower	Upper	
113	100		
111	91.3	78.8	118.2
192	17.4	13.4	20.0

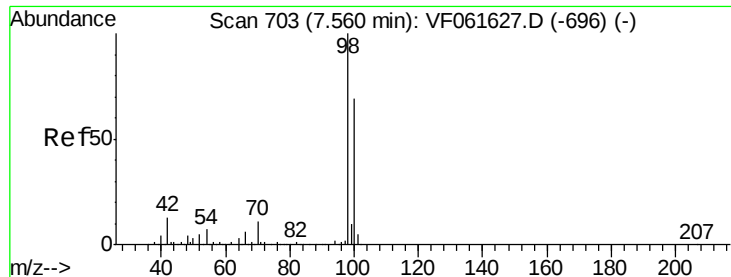


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 34.263 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061711.D

Acq: 22 Feb 2019 16:30

Instrument :

MSVOA_F

ClientSampleId :

TP-CBF-B11

Tot Ion: 98 Resp: 358929

Ion Ratio Lower Upper

98 100

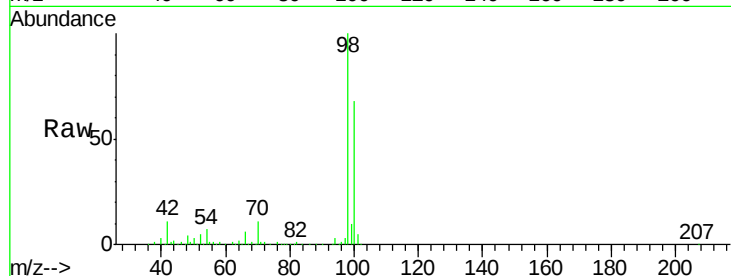
100 68.3 55.4 83.2

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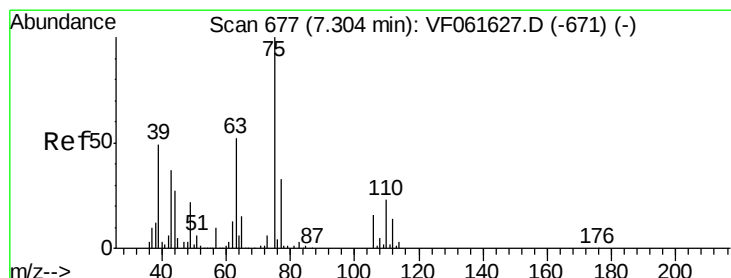
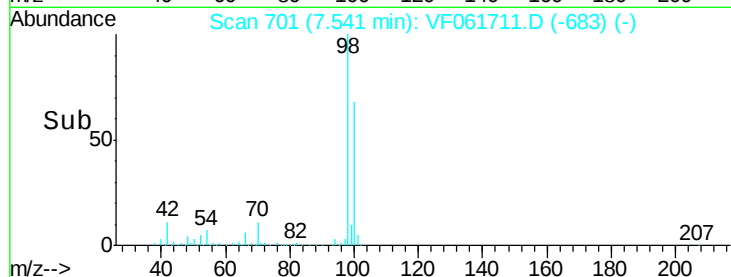
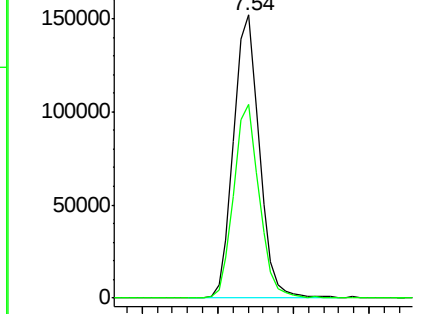
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#58

2-Chloroethyl Vinyl ether

Concen: 38.782 ug/l

RT: 7.27 min Scan# 674

Delta R.T. -0.03 min

Lab File: VF061711.D

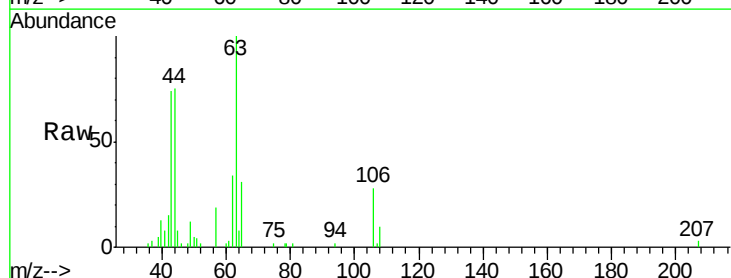
Acq: 22 Feb 2019 16:30

Tgt Ion: 63 Resp: 16879

Ion Ratio Lower Upper

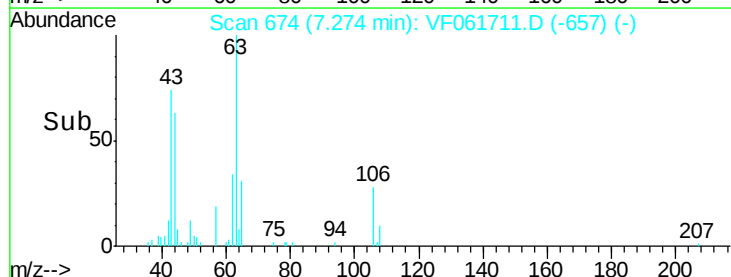
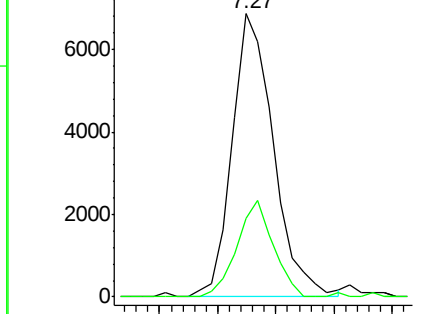
63 100

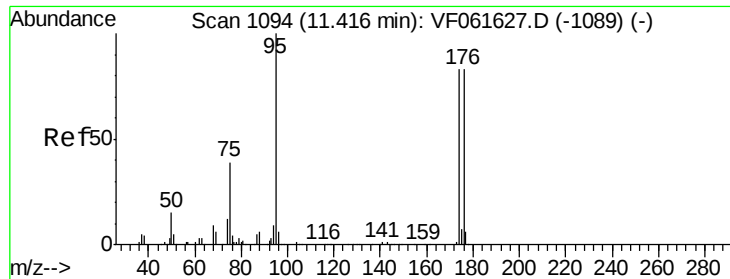
106 27.6 24.6 36.8



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V





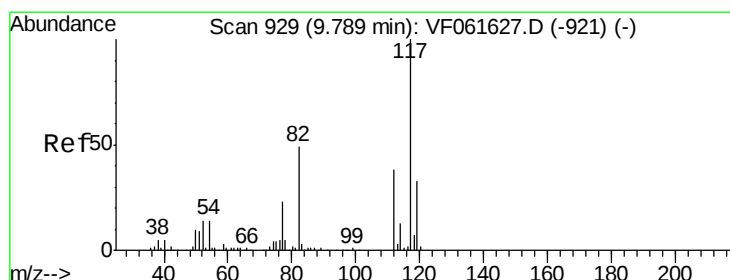
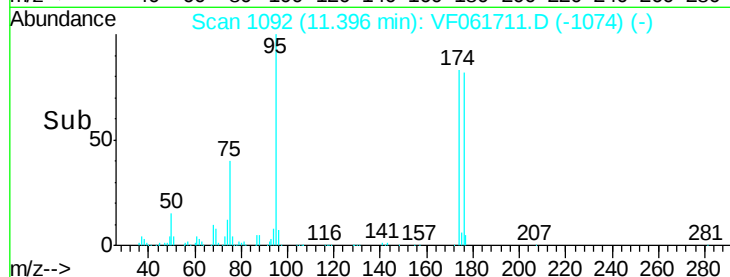
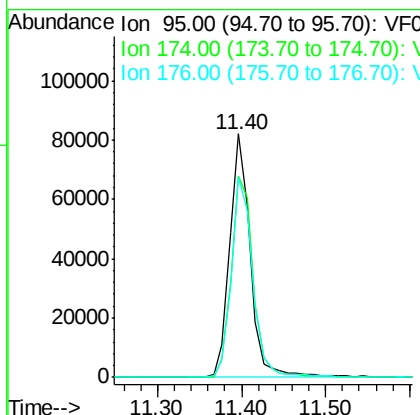
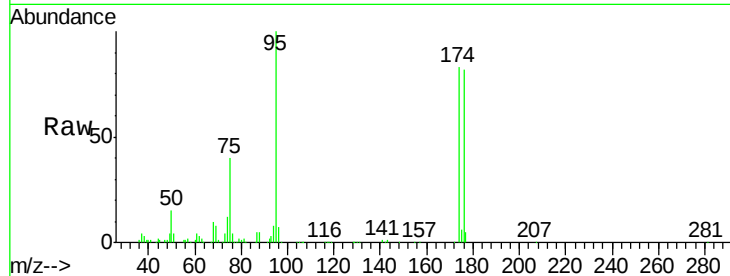
#62
4-Bromofluorobenzene
Concen: 32.870 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061711.D
Acq: 22 Feb 2019 16:30

Instrument :
MSVOA_F
ClientSampleId :
TP-CBF-B11

Tot Ion	Ratio	Resp	Lower	Upper
95	100	139325		
174	82.7	0.0	165.8	
176	82.2	0.0	167.0	

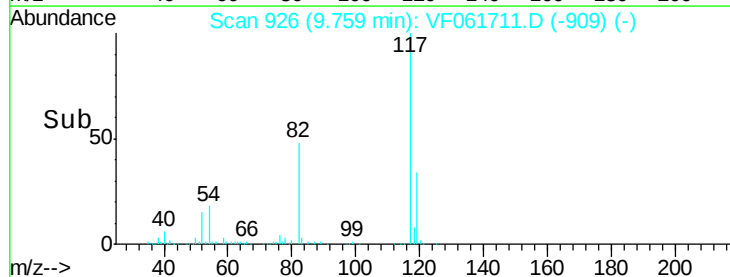
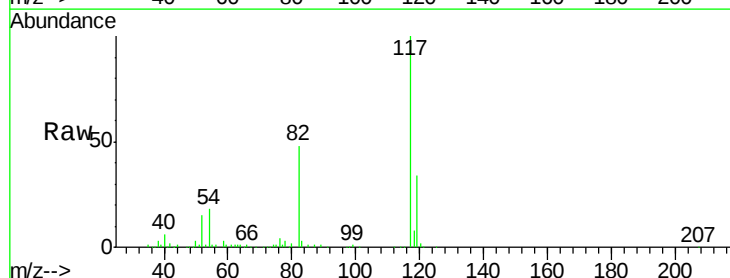
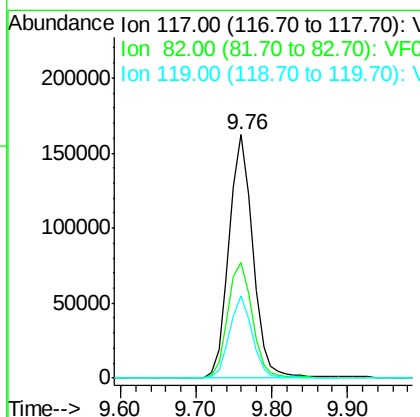
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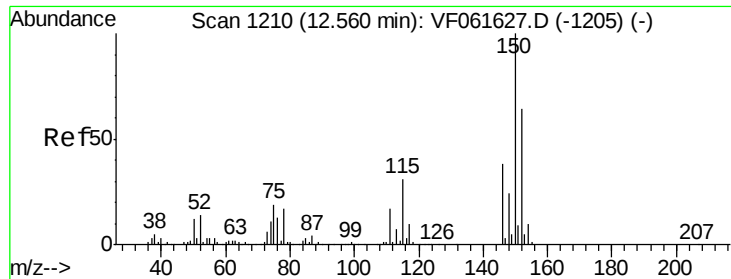
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061711.D
Acq: 22 Feb 2019 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	356527		
82	47.7	39.3	58.9	
119	33.8	26.6	40.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF061711.D

Acq: 22 Feb 2019 16:30

Instrument :

MSVOA_F

ClientSampleId :

TP-CBF-B11

Tot Ion:152 Resp: 151577
Ion Ratio Lower Upper

152 100

115 50.2 24.3 72.8

150 152.4 0.0 312.0

Manual Integrations
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