

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061426.D
 Acq On : 16 Jan 2019 22:05
 Operator : VA/AP
 Sample : K1167-11RE
 Misc : 5.71g/5mL/MSVOA-F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CLOVER-YARD-BRE

Manual Integrations
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 1/17/2019 1:24:16 PM

Quant Time: Jan 17 03:29:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	193658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	367204	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	300361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	115815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	127590	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	4.11	113	145348	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	7.54	98	331822	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.60%	
62) 4-Bromofluorobenzene	11.40	95	152212	41.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.08%	
Target Compounds						
16) Acetone	2.23	43	34392	71.702	ug/l	97
20) Methylene Chloride	2.24	84	22140m	12.272	ug/l	
25) 2-Butanone	4.32	43	9931	12.450	ug/l #	79
40) Benzene	4.62	78	23215	2.450	ug/l	99
52) Toluene	7.61	92	36922	5.918	ug/l	98

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

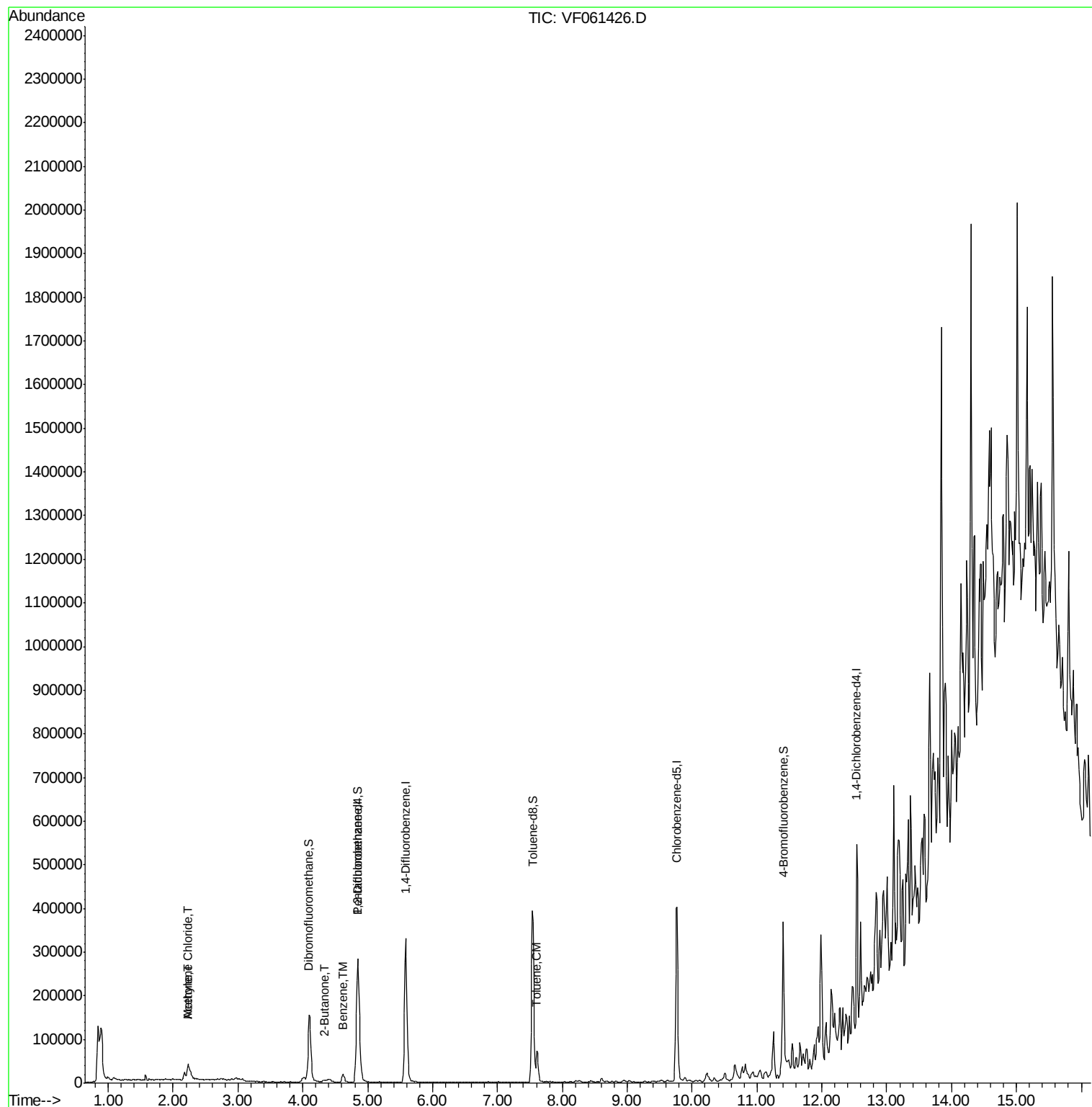
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011619\
Data File : VF061426.D
Acq On : 16 Jan 2019 22:05
Operator : VA/AP
Sample : K1167-11RE
Misc : 5.71g/5mL/MSVOA-F/SOIL
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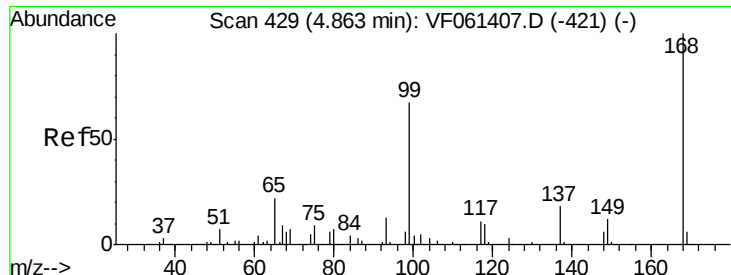
Instrument :
MSVOA_F
ClientSampleId :
CLOVER-YARD-BRE

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Quant Time: Jan 17 03:29:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061426.D

Acq: 16 Jan 2019 22:05

Instrument :

MSVOA_F

ClientSampleId :

CLOVER-YARD-BRE

Tot Ion:168 Resp: 193658

Ion Ratio Lower Upper

168 100

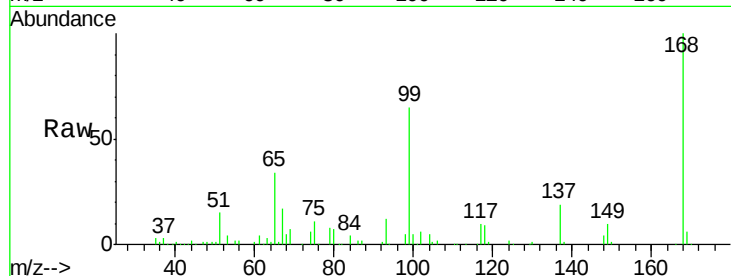
99 65.1 53.5 80.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

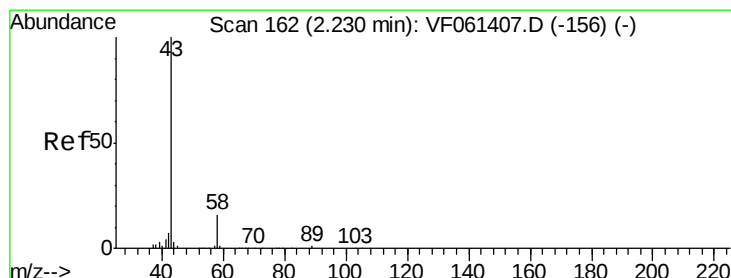
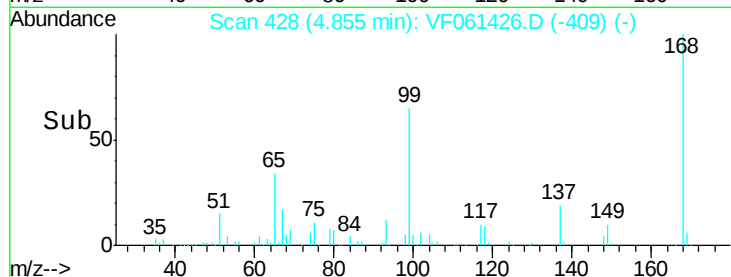
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 71.702 ug/l

RT: 2.23 min Scan# 162

Delta R.T. 0.00 min

Lab File: VF061426.D

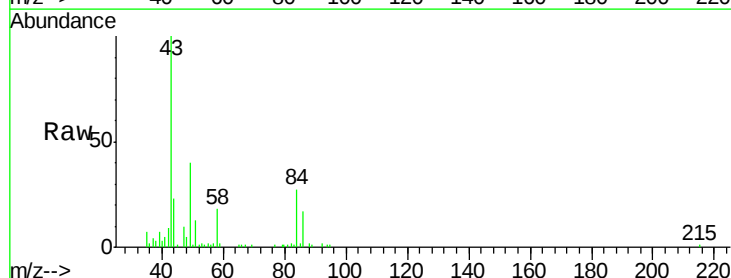
Acq: 16 Jan 2019 22:05

Tgt Ion: 43 Resp: 34392

Ion Ratio Lower Upper

43 100

58 17.8 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

15000

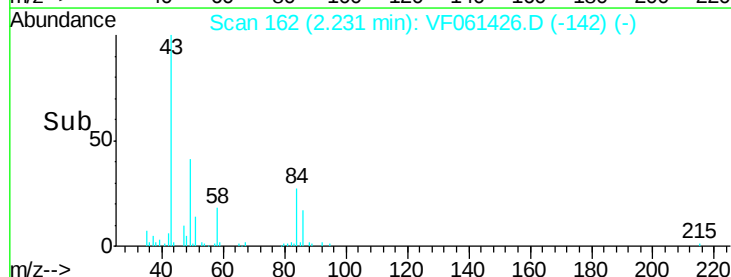
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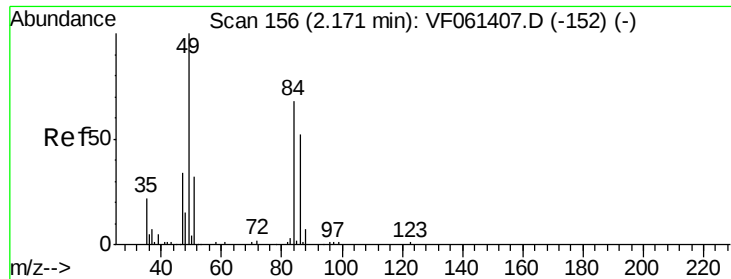
5000

0

Time-->

2.10 2.20 2.30





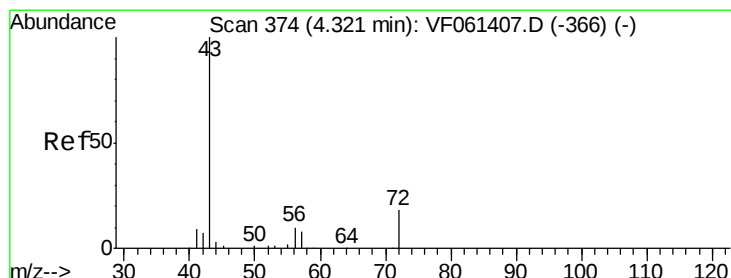
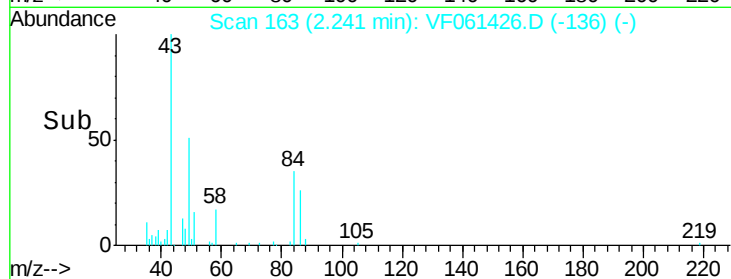
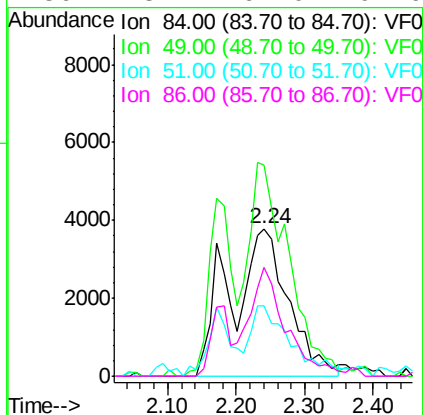
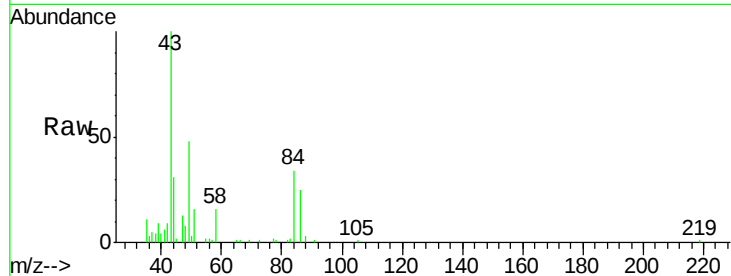
#20
Methvlene Chloride
Concen: 12.272 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. 0.07 min
Lab File: VF061426.D
Acq: 16 Jan 2019 22:05

Instrument :
MSVOA_F
ClientSampleId :
CLOVER-YARD-BRE

Tot Ion:	84	Resp:	22140
Ion	Ratio	Lower	Upper
84	100		
49	143.0	120.0	180.0
51	47.2	38.6	58.0
86	73.2	61.0	91.6

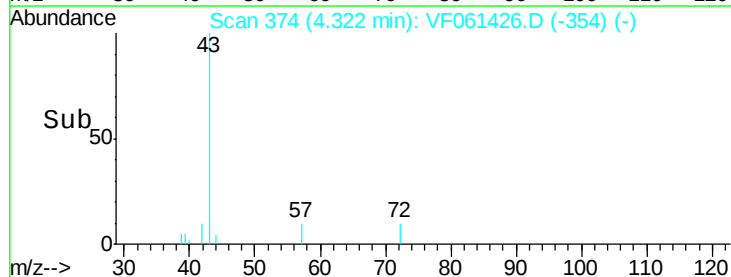
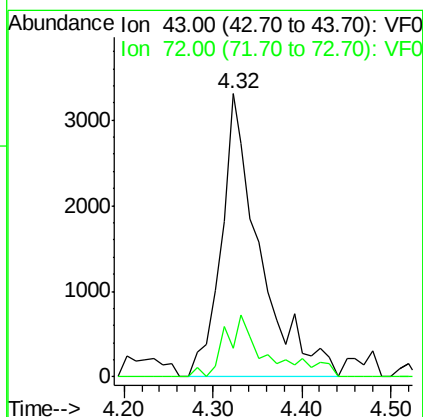
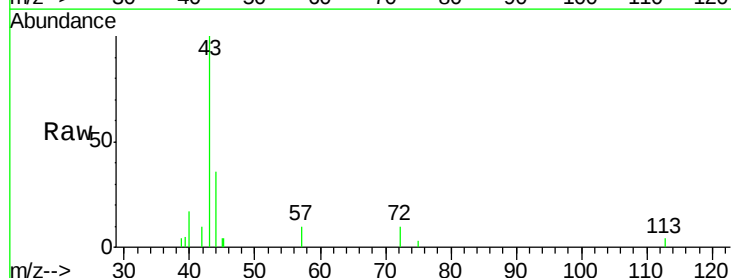
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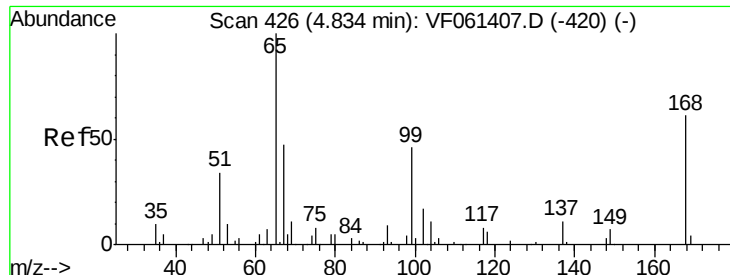
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#25
2-Butanone
Concen: 12.450 ug/l
RT: 4.32 min Scan# 374
Delta R.T. 0.00 min
Lab File: VF061426.D
Acq: 16 Jan 2019 22:05

Tgt Ion:	43	Resp:	9931
Ion	Ratio	Lower	Upper
43	100		
72	10.0	15.8	23.6#





#33

1,2-Dichloroethane-d4

Concen: 53.364 ug/l

RT: 4.84 min Scan# 426

Delta R.T. 0.00 min

Lab File: VF061426.D

Acq: 16 Jan 2019 22:05

Instrument :

MSVOA_F

ClientSampleId :

CLOVER-YARD-BRE

Tot Ion: 65 Resp: 127590

Ion Ratio Lower Upper

65 100

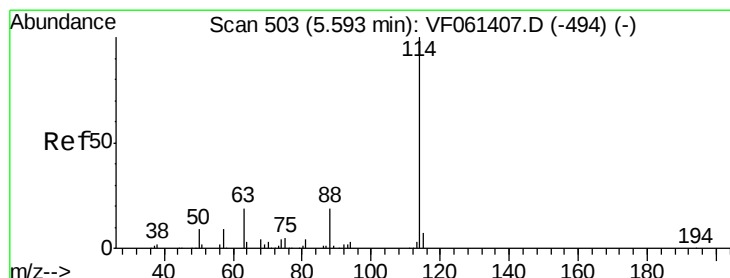
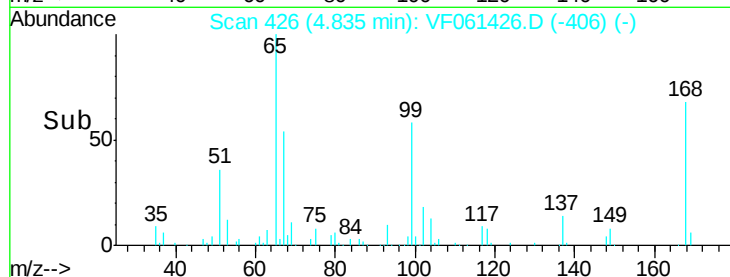
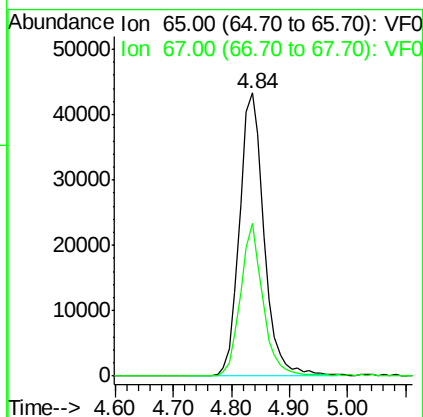
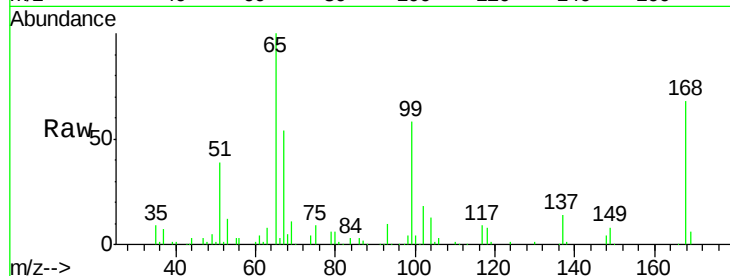
67 53.8 0.0 99.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061426.D

Acq: 16 Jan 2019 22:05

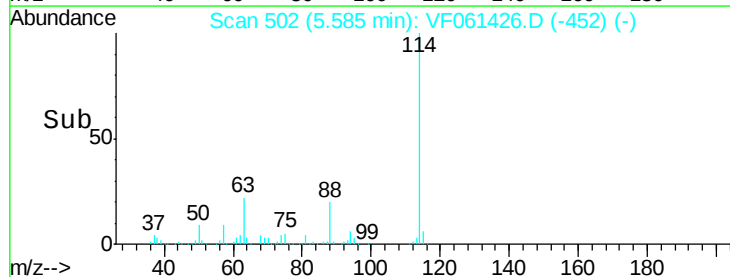
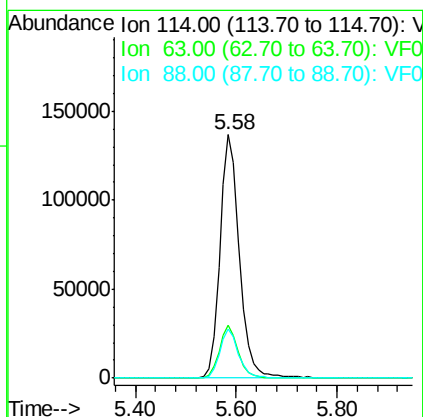
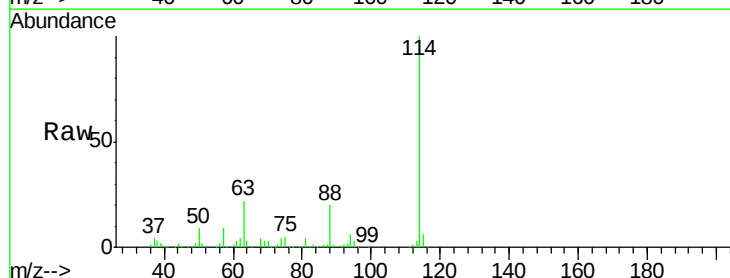
Tgt Ion: 114 Resp: 367204

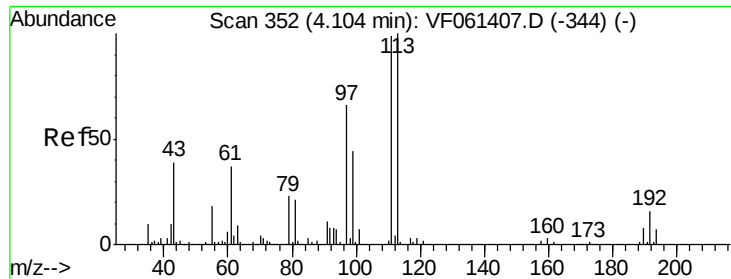
Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.0

88 20.2 0.0 37.4





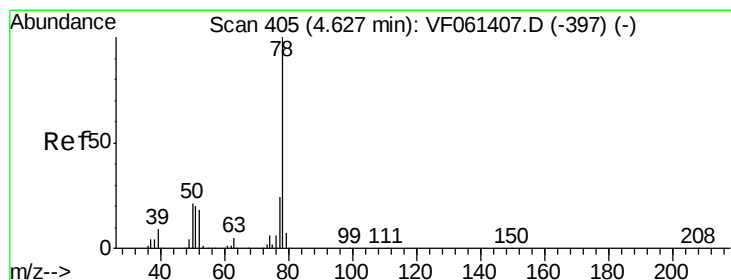
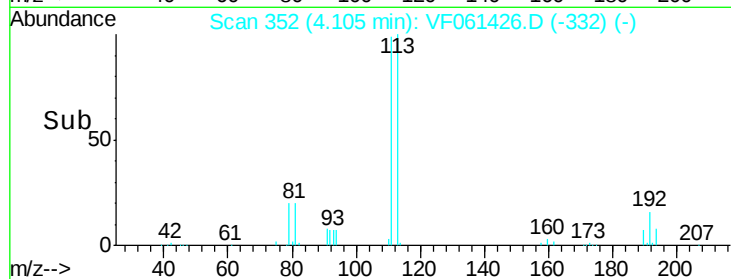
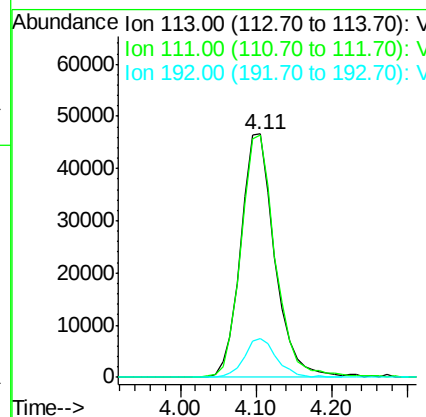
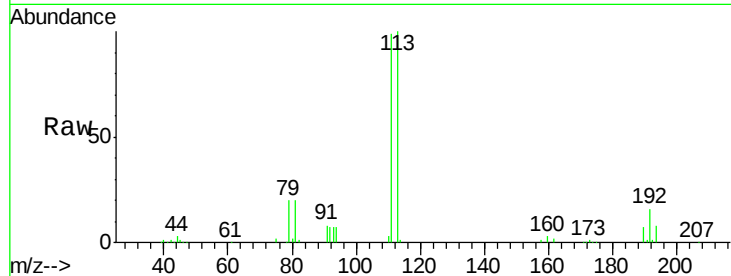
#35
Dibromofluoromethane
Concen: 50.162 ug/l
RT: 4.11 min Scan# 352
Delta R.T. 0.00 min
Lab File: VF061426.D
Acq: 16 Jan 2019 22:05

Instrument :
MSVOA_F
ClientSampleId :
CLOVER-YARD-BRE

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.5	79.4	119.0
192	16.4	12.4	18.6

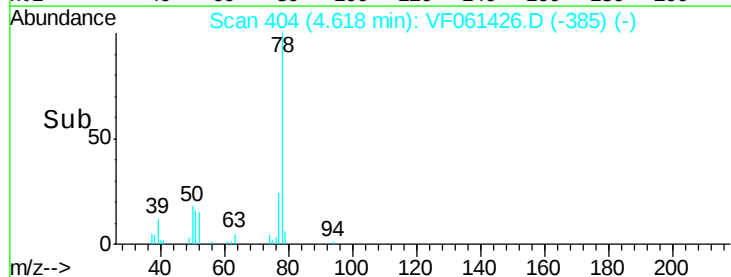
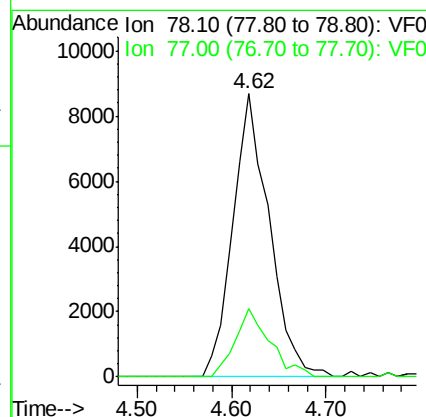
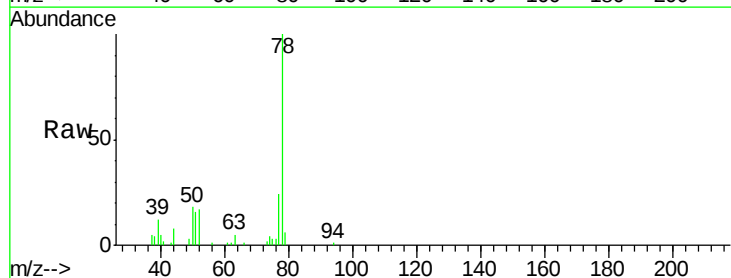
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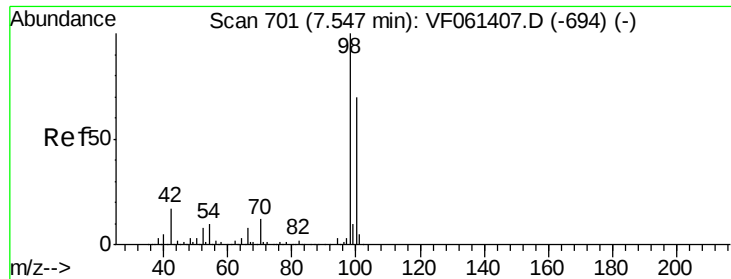
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#40
Benzene
Concen: 2.450 ug/l
RT: 4.62 min Scan# 404
Delta R.T. -0.01 min
Lab File: VF061426.D
Acq: 16 Jan 2019 22:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





#50

Toluene-d8

Concen: 41.798 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.01 min

Lab File: VF061426.D

Acq: 16 Jan 2019 22:05

Instrument :

MSVOA_F

ClientSampleId :

CLOVER-YARD-BRE

Tot Ion: 98 Resp: 331822

Ion Ratio Lower Upper

98 100

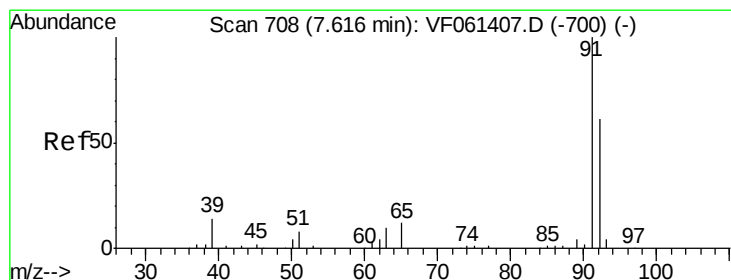
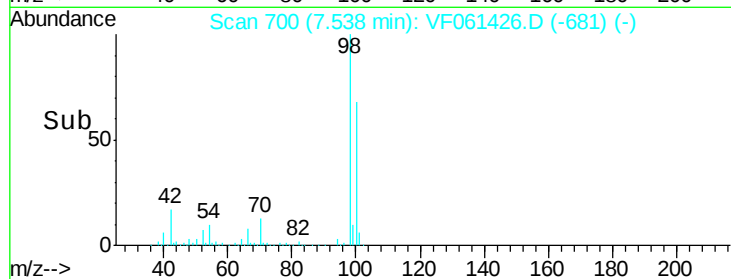
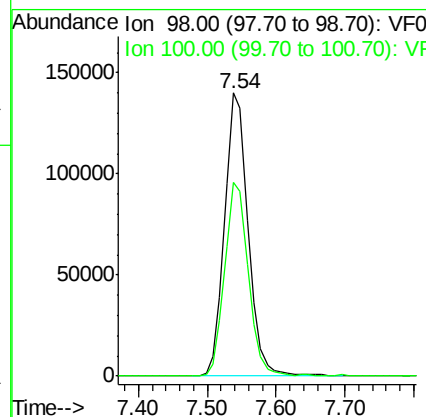
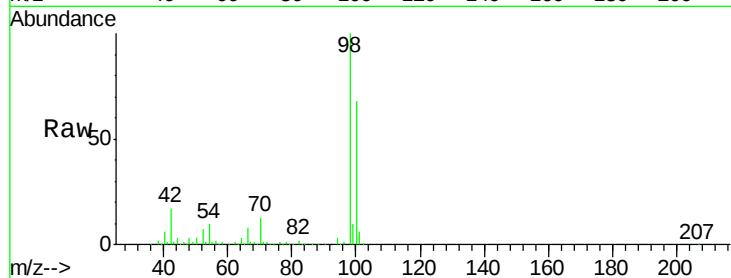
100 68.4 55.6 83.4

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#52

Toluene

Concen: 5.918 ug/l

RT: 7.61 min Scan# 707

Delta R.T. -0.01 min

Lab File: VF061426.D

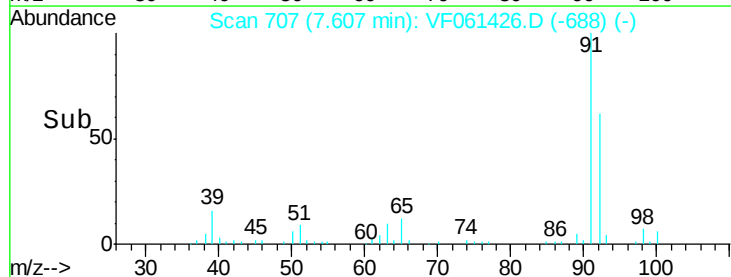
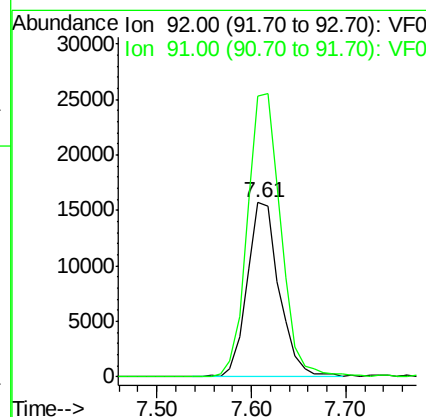
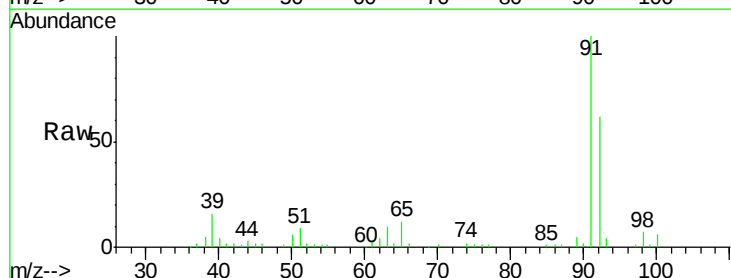
Acq: 16 Jan 2019 22:05

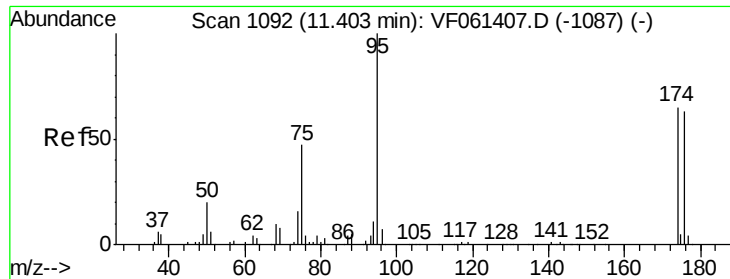
Tgt Ion: 92 Resp: 36922

Ion Ratio Lower Upper

92 100

91 161.1 131.2 196.8





#62

4-Bromofluorobenzene

Concen: 41.036 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VF061426.D

Acq: 16 Jan 2019 22:05

Instrument :

MSVOA_F

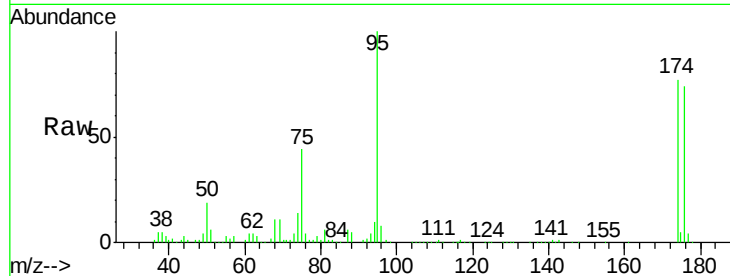
ClientSampleId :

CLOVER-YARD-BRE

Tot Ion:	95	Resp:	152212
Ion Ratio	Lower	Upper	
95	100		
174	76.8	0.0	130.4
176	74.3	0.0	126.2

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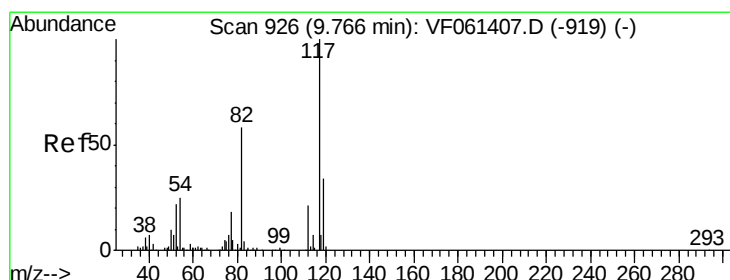
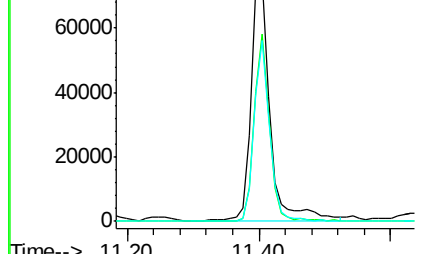
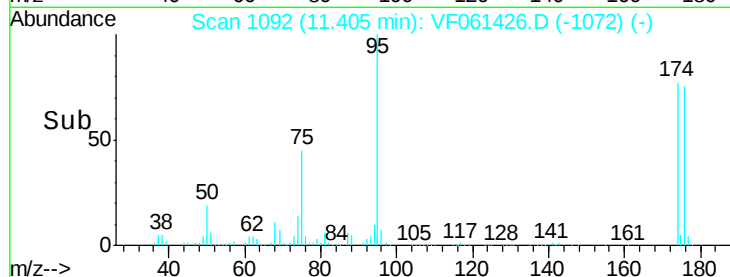


Abundance Ion 95.00 (94.70 to 95.70): VF061407.D (-1087) (-)

Ion 174.00 (173.70 to 174.70): VF061407.D (-1087) (-)

Ion 176.00 (175.70 to 176.70): VF061407.D (-1087) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

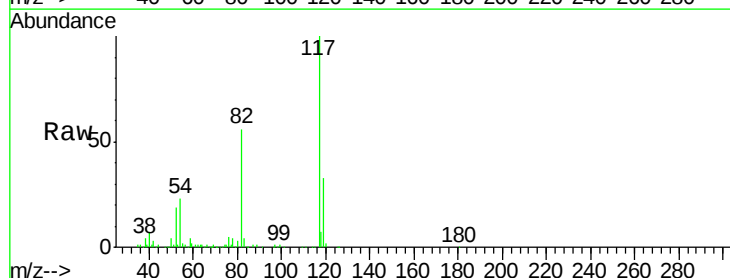
RT: 9.77 min Scan# 926

Delta R.T. 0.00 min

Lab File: VF061426.D

Acq: 16 Jan 2019 22:05

Tgt Ion:	117	Resp:	300361
Ion Ratio	Lower	Upper	
117	100		
82	56.1	46.4	69.6
119	32.8	27.2	40.8

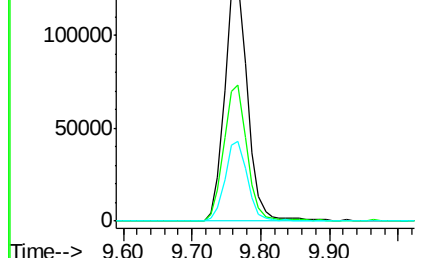
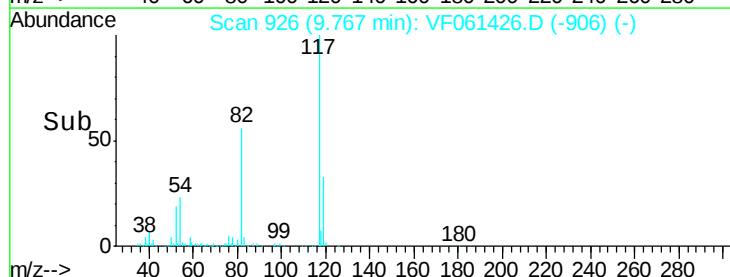


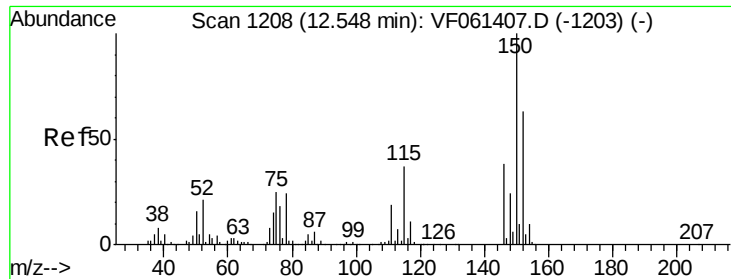
Abundance Ion 117.00 (116.70 to 117.70): VF061407.D (-919) (-)

Ion 82.00 (81.70 to 82.70): VF061407.D (-919) (-)

Ion 119.00 (118.70 to 119.70): VF061407.D (-919) (-)

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.54 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: VF061426.D
 Acq: 16 Jan 2019 22:05

Instrument :
 MSVOA_F
 ClientSampleId :
 CLOVER-YARD-BRE

Tot Ion	Ratio	Resp	Lower	Upper
152	100	115815		
115	62.1		30.0	90.0
150	148.9		0.0	321.4

Manual Integrations
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