

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030519\
 Data File : VF061847.D
 Acq On : 5 Mar 2019 16:08
 Operator : VA/AP
 Sample : K1715-03
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4-B-S

Manual Integrations
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MMDadoda
 3/8/2019 12:12:16 AM

Quant Time: Mar 06 06:05:25 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	322951	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	469397	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	403872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	194042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	100281	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.28%	
35) Dibromofluoromethane	4.12	113	149924	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
50) Toluene-d8	7.56	98	358015	36.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.54%	
62) 4-Bromofluorobenzene	11.41	95	151893	39.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	79.64%	
Target Compounds						
16) Acetone	2.24	43	24377	49.481	ug/l	95
20) Methylene Chloride	2.19	84	17875m	1.414	ug/l	
25) 2-Butanone	4.34	43	7574	7.558	ug/l	98

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

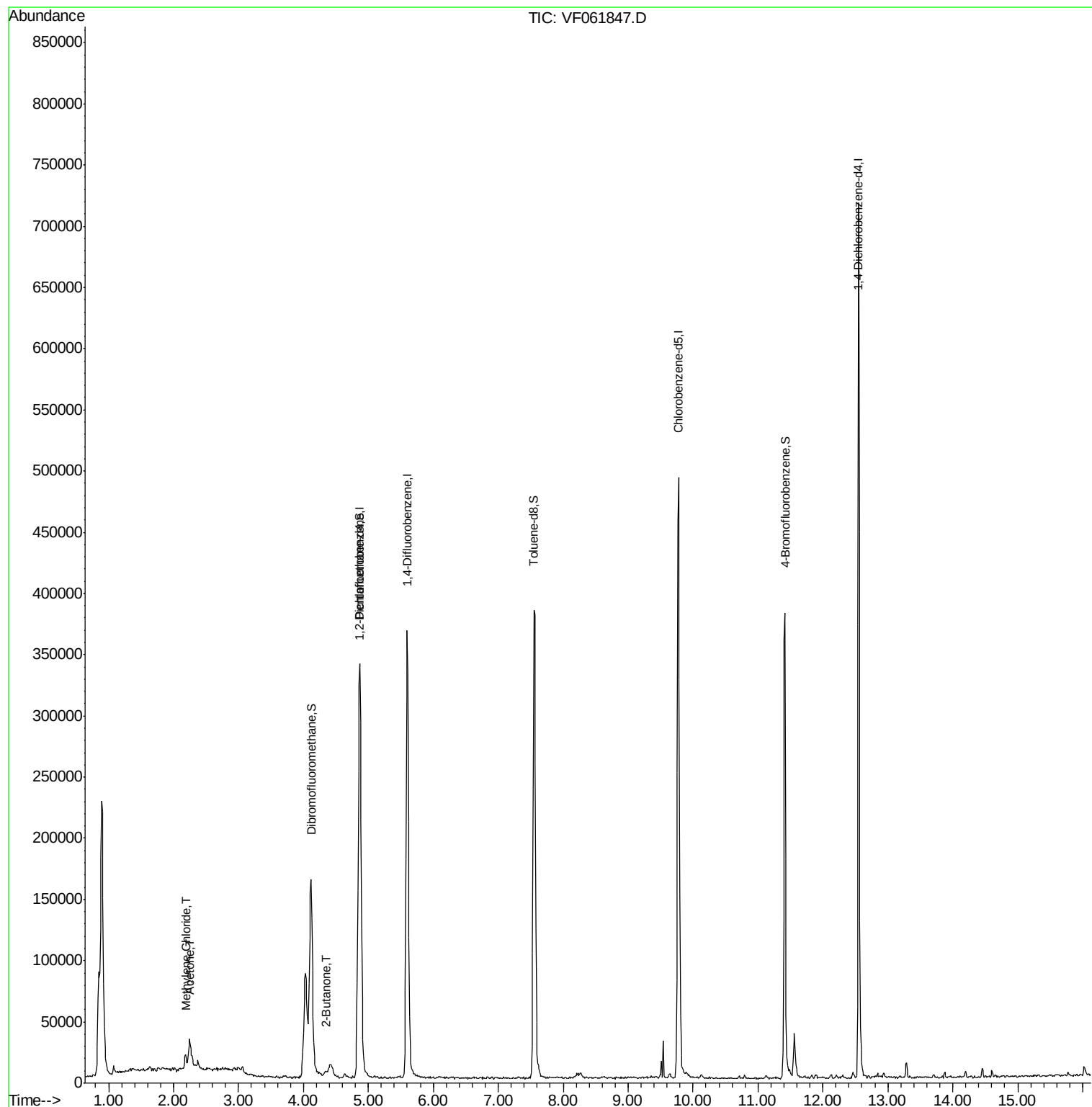
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030519\
Data File : VF061847.D
Acq On : 5 Mar 2019 16:08
Operator : VA/AP
Sample : K1715-03
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

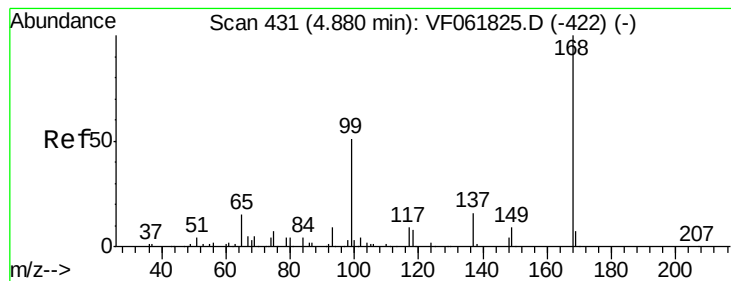
Instrument :
MSVOA_F
ClientSampleId :
TP-4-B-S

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Quant Time: Mar 06 06:05:25 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: VF061847.D

Acq: 5 Mar 2019 16:08

Instrument :

MSVOA_F

ClientSampleId :

TP-4-B-S

Tot Ion:168 Resp: 322951

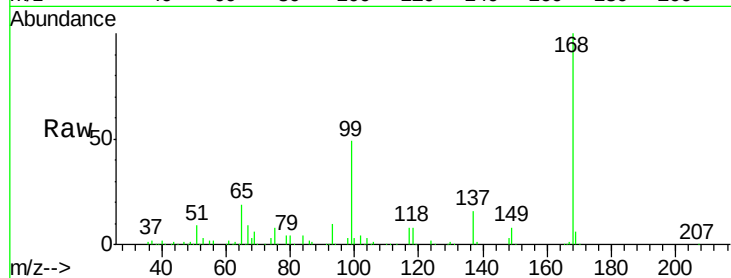
Ion Ratio Lower Upper

168 100

99 49.4 40.8 61.2

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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

120000

100000

80000

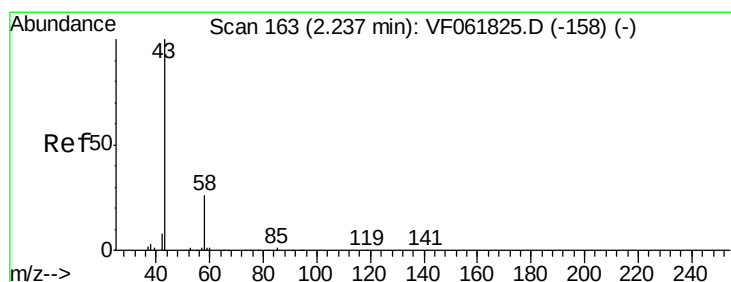
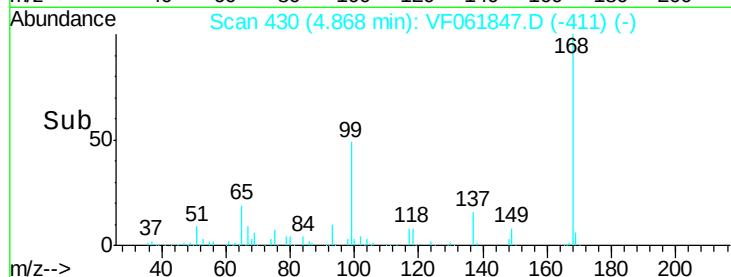
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 49.481 ug/l

RT: 2.24 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061847.D

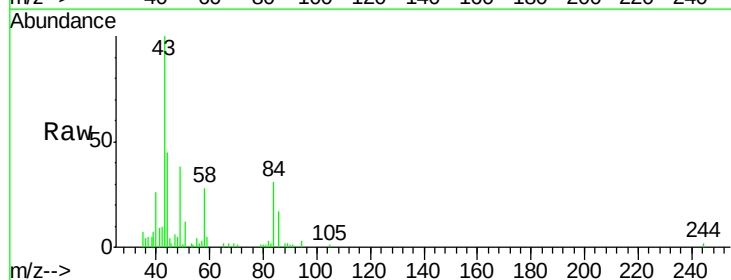
Acq: 5 Mar 2019 16:08

Tgt Ion: 43 Resp: 24377

Ion Ratio Lower Upper

43 100

58 28.2 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

10000

8000

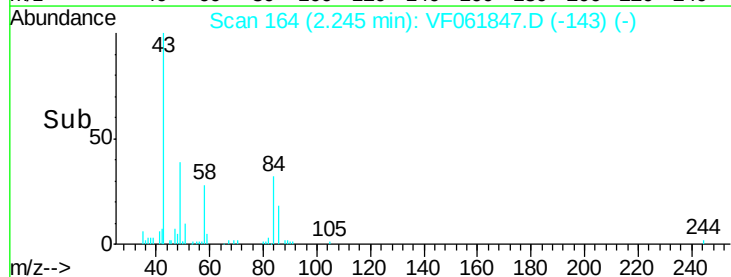
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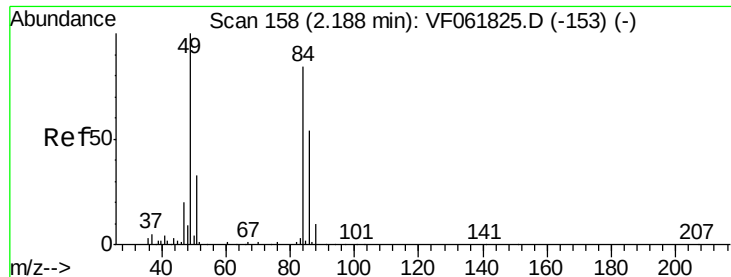
4000

2000

0

Time-->





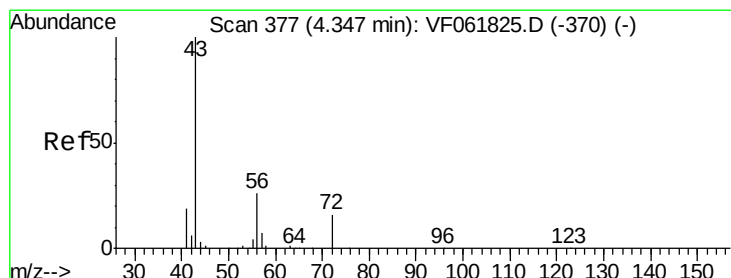
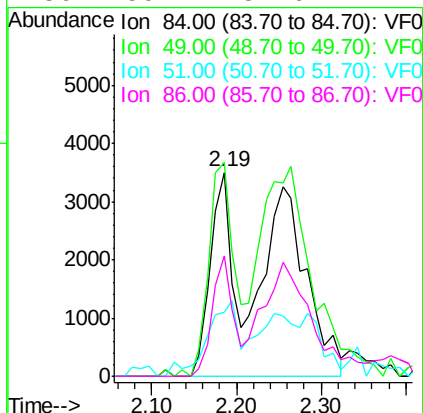
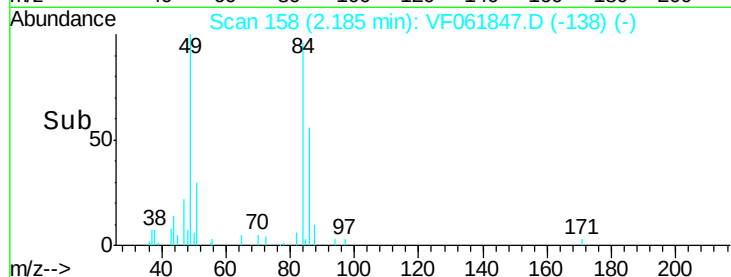
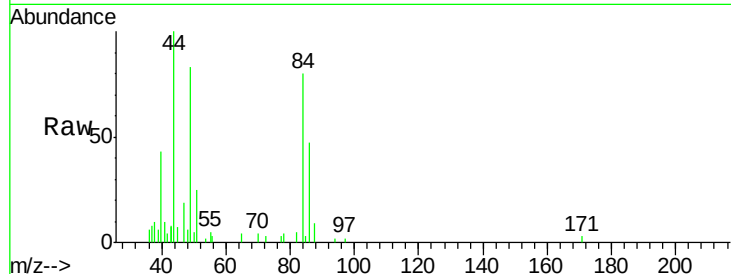
#20
Methvlene Chloride
Concen: 1.414 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.00 min
Lab File: VF061847.D
Acq: 5 Mar 2019 16:08

Instrument :
MSVOA_F
ClientSampleId :
TP-4-B-S

Tot Ion	Ratio	Lower	Upper
84	100		
49	104.7	96.8	145.2
51	31.5	31.8	47.6#
86	59.1	51.6	77.4

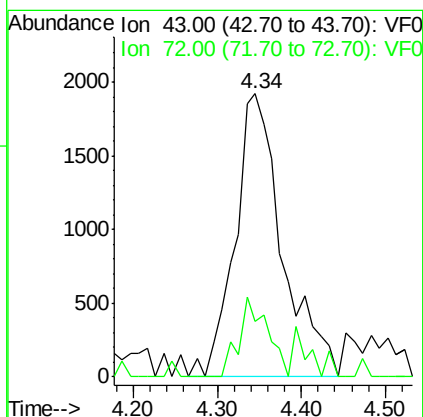
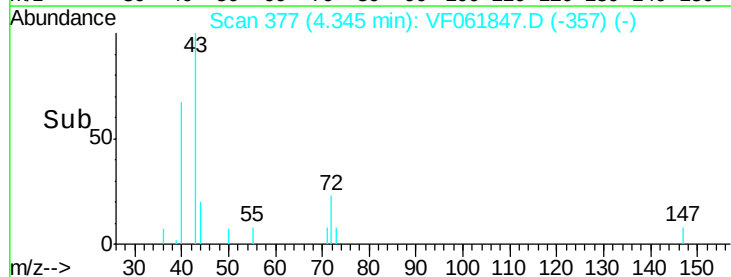
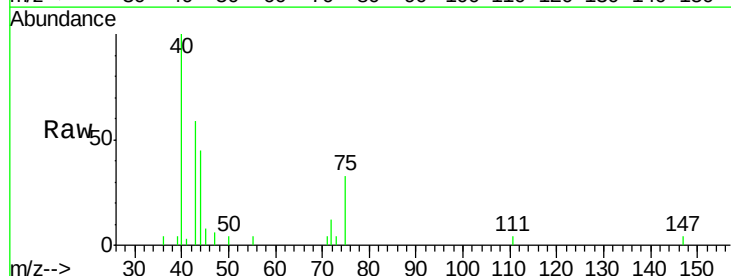
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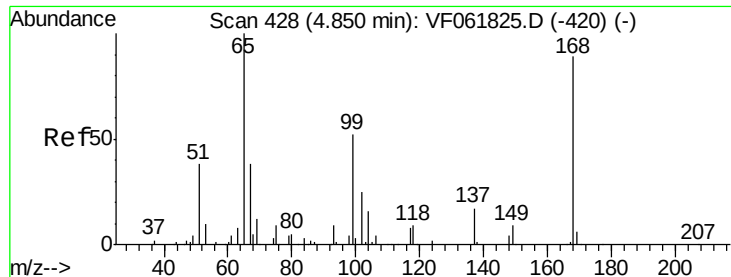
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#25
2-Butanone
Concen: 7.558 ug/l
RT: 4.34 min Scan# 377
Delta R.T. -0.00 min
Lab File: VF061847.D
Acq: 5 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
43	100		
72	19.5	16.2	24.4





#33

1,2-Dichloroethane-d4

Concen: 42.639 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.00 min

Lab File: VF061847.D

Acq: 5 Mar 2019 16:08

Tot Ion: 65 Resp: 100281

Ion Ratio Lower Upper

65 100

67 57.2 0.0 108.6

Instrument :

MSVOA_F

ClientSampleId :

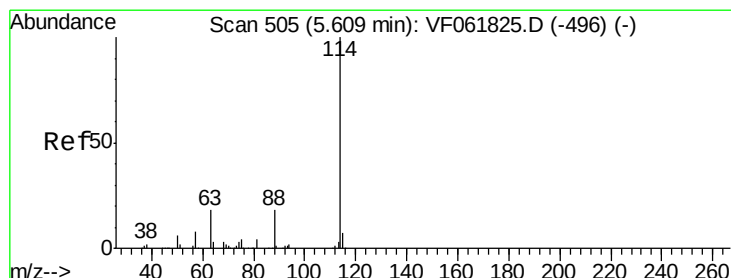
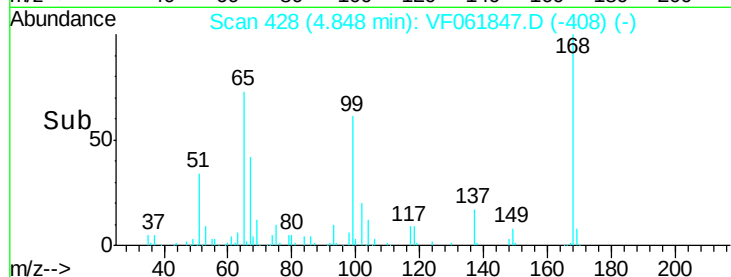
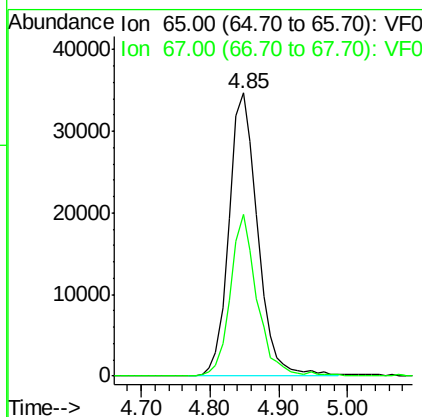
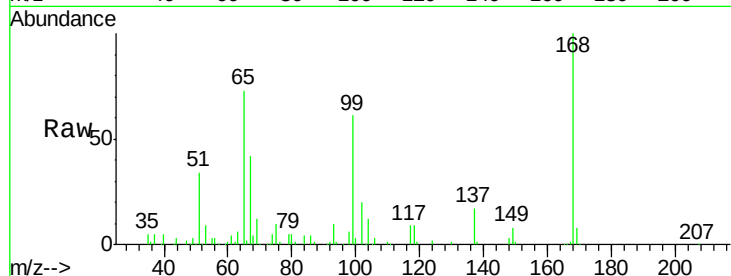
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061847.D

Acq: 5 Mar 2019 16:08

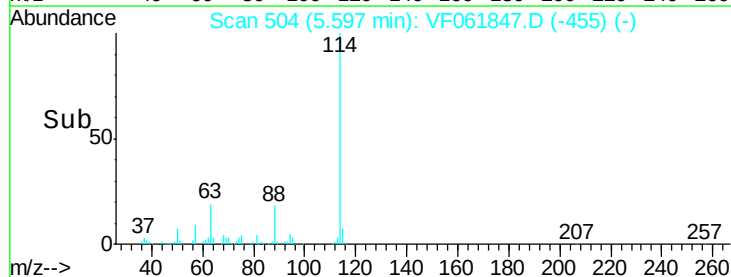
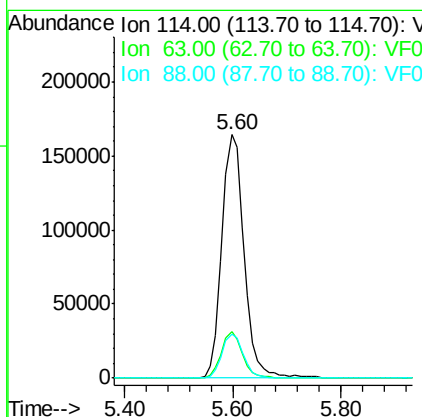
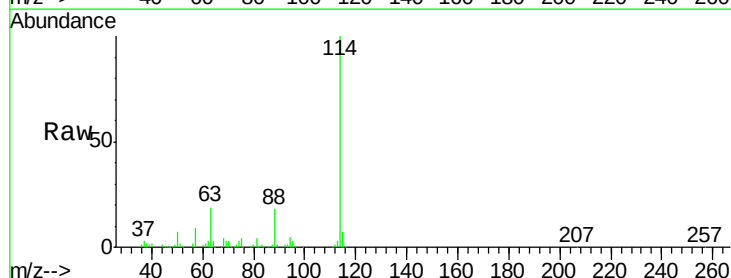
Tgt Ion:114 Resp: 469397

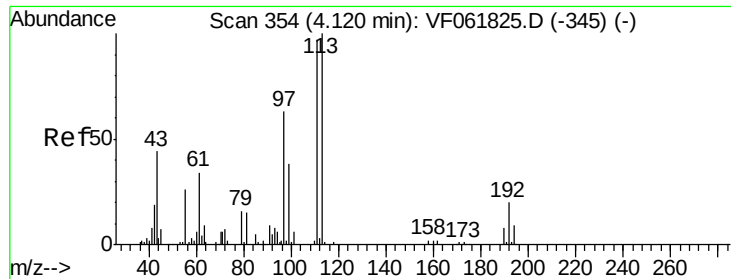
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.6

88 17.9 0.0 35.6





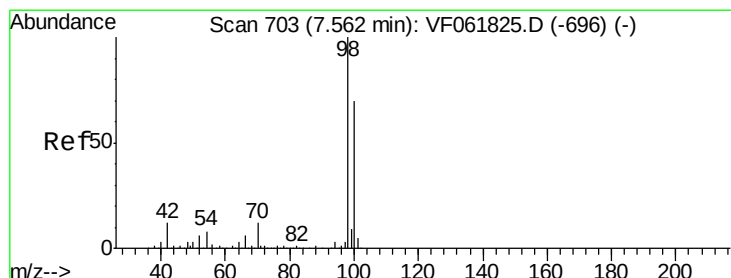
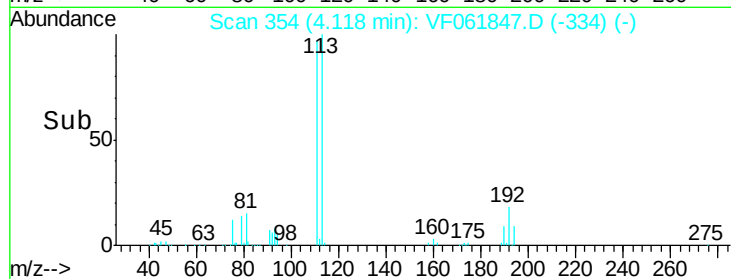
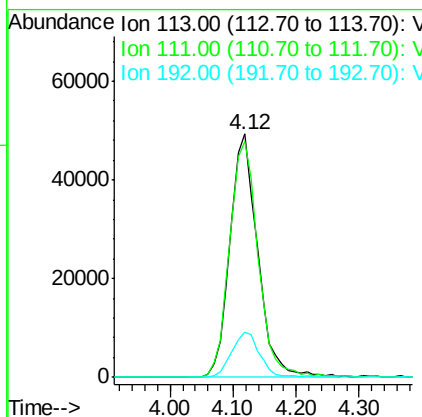
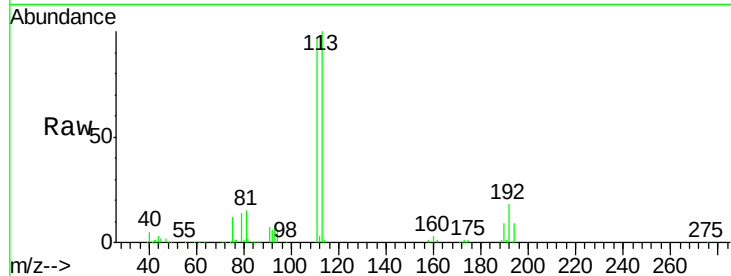
#35
Dibromofluoromethane
Concen: 45.767 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.00 min
Lab File: VF061847.D
Acq: 5 Mar 2019 16:08

Instrument :
MSVOA_F
ClientSampleId :
TP-4-B-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		149924		
111	96.8	77.6	116.4		
192	18.7	15.9	23.9		

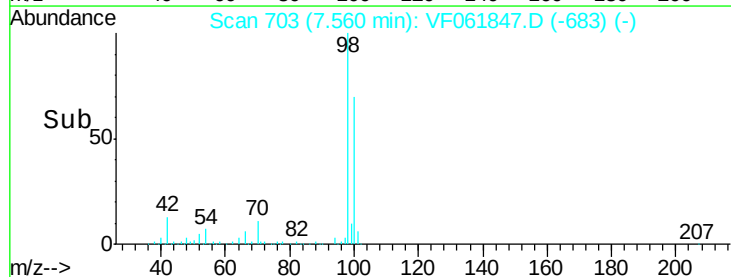
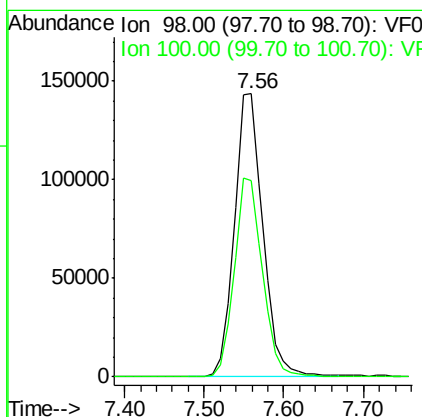
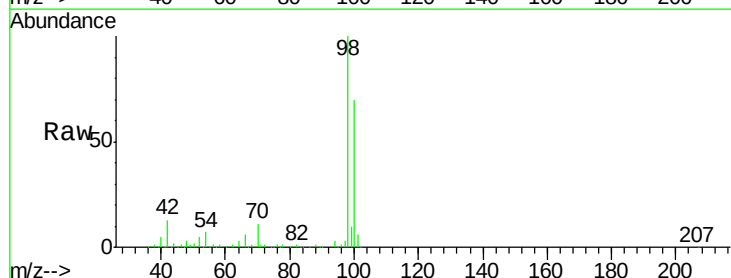
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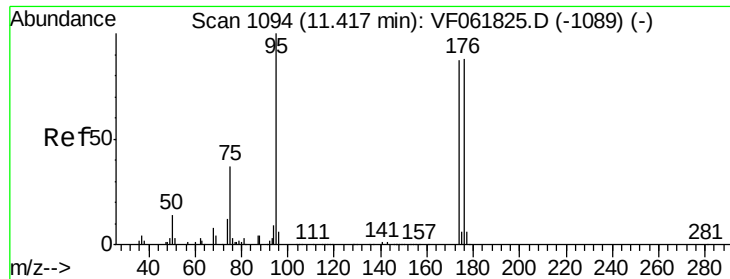
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#50
Toluene-d8
Concen: 36.770 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF061847.D
Acq: 5 Mar 2019 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
98	100		358015		
100	69.5	56.0	84.0		





#62

4-Bromofluorobenzene

Concen: 39.824 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061847.D

Acq: 5 Mar 2019 16:08

Instrument :

MSVOA_F

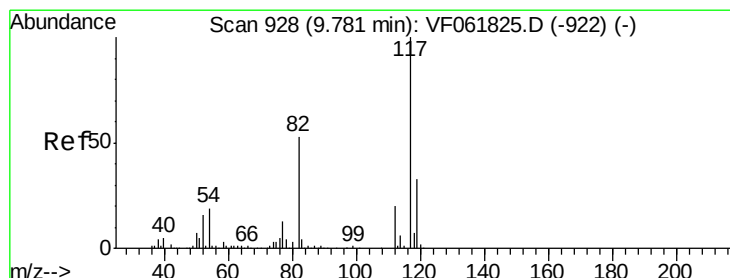
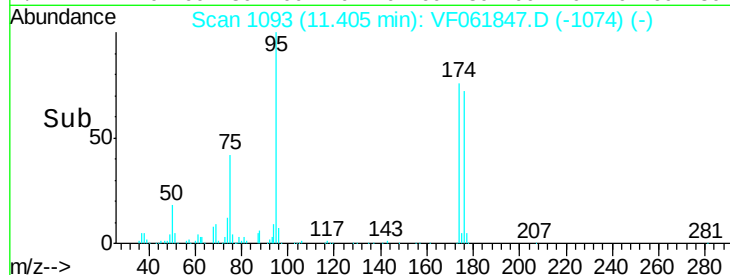
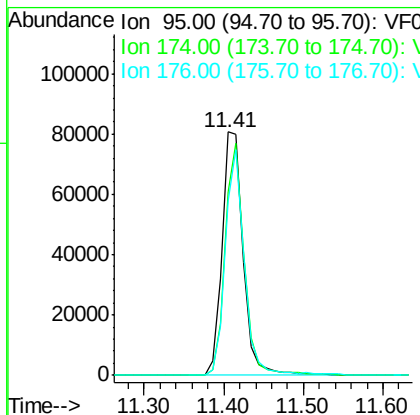
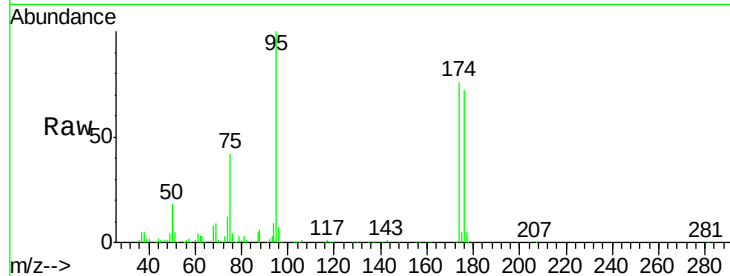
ClientSampled :

TP-4-B-S

Tot Ion:	95	Resp:	151893
Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	174.0
176	71.9	0.0	175.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

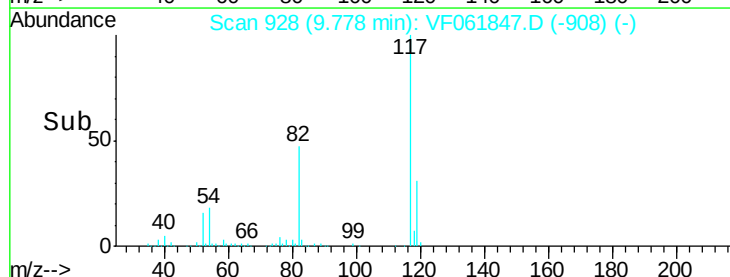
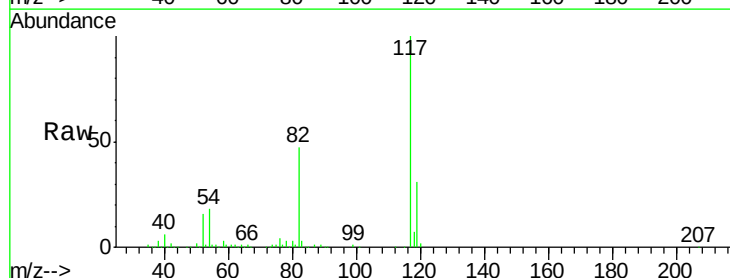
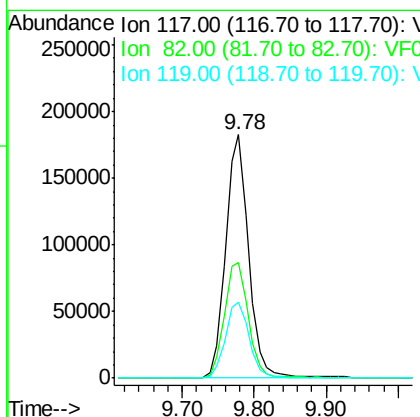
RT: 9.78 min Scan# 928

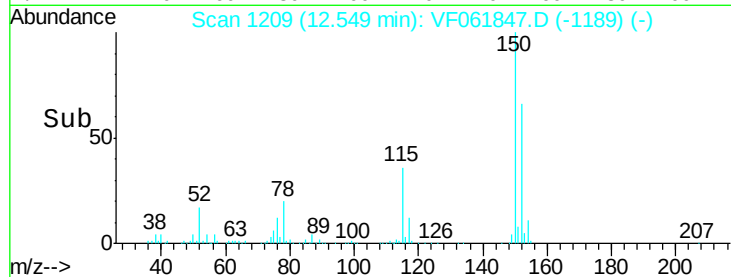
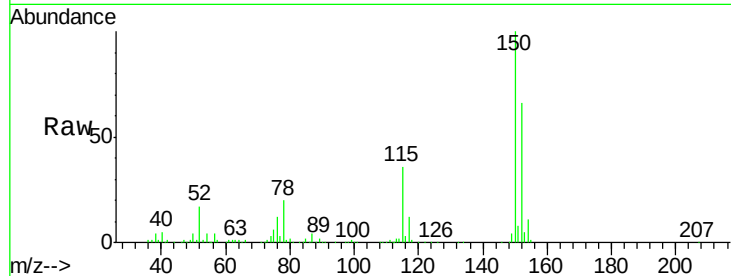
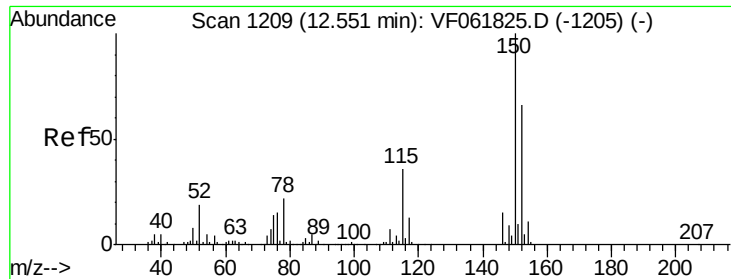
Delta R.T. -0.00 min

Lab File: VF061847.D

Acq: 5 Mar 2019 16:08

Tgt Ion:	117	Resp:	403872
Ion	Ratio	Lower	Upper
117	100		
82	47.3	42.6	63.8
119	31.0	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: VF061847.D

Acq: 5 Mar 2019 16:08

Tot Ion	Ratio	Resp	Lower	Upper
152	100	194042		
115	54.9	27.7	83.1	
150	152.2	0.0	304.2	

Instrument :

MSVOA_F

ClientSampleId :

TP-4-B-S

Manual Integrations
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