

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
 Data File : VF061901.D
 Acq On : 11 Mar 2019 20:47
 Operator : VA/AP
 Sample : K1846-07
 Misc : 4.56g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-S

Manual Integrations
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 3/12/2019 4:37:06 PM

Quant Time: Mar 12 06:57:08 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	218965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	353157	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	272552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	119071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	113212	71.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.00%	
35) Dibromofluoromethane	4.10	113	157379	63.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	127.72%	
50) Toluene-d8	7.56	98	351264	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.41	95	143824	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
Target Compounds						
16) Acetone	2.24	43	17938	53.703	ug/l	99
20) Methylene Chloride	2.18	84	15381m	3.379	ug/l	

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

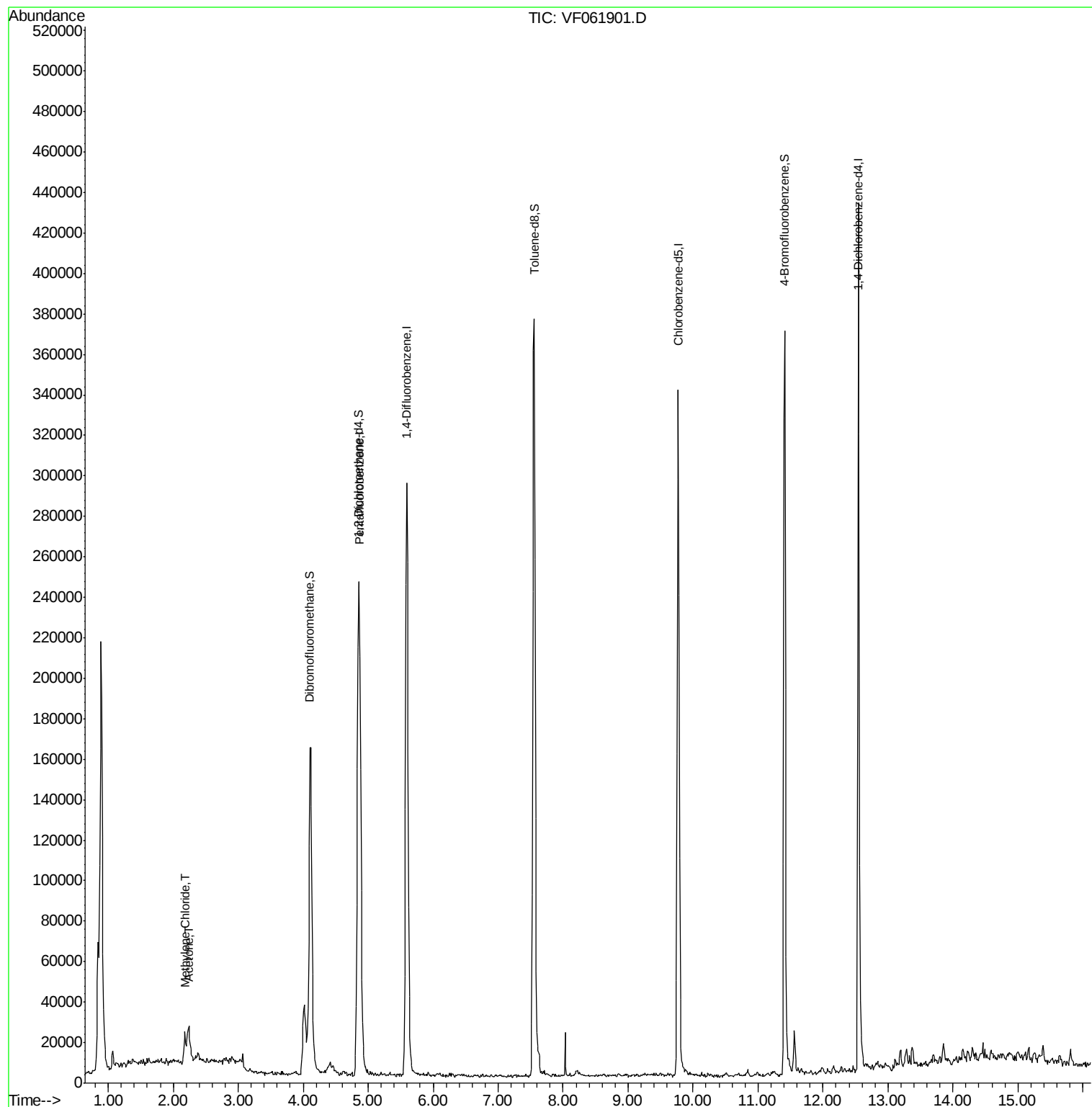
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031119\
Data File : VF061901.D
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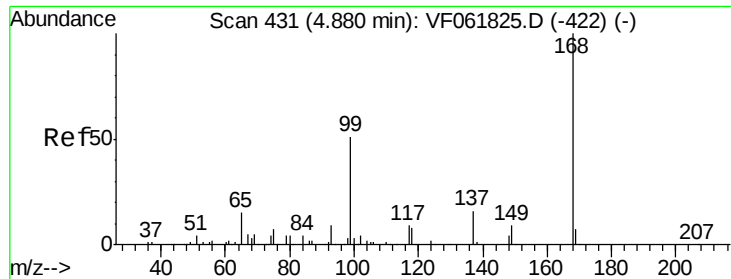
Instrument :
MSVOA_F
ClientSampleId :
TP-1-S

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3/12/2019 4:37:06 PM

Quant Time: Mar 12 06:57:08 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: VF061901.D

Acq: 11 Mar 2019 20:47

Instrument :

MSVOA_F

ClientSampled :

TP-1-S

Tot Ion:168 Resp: 218965

Ion Ratio Lower Upper

168 100

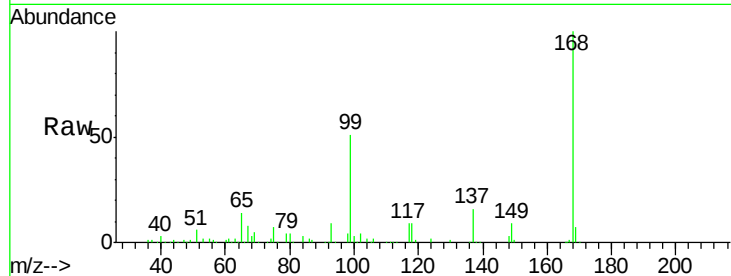
99 50.7 40.8 61.2

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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

60000

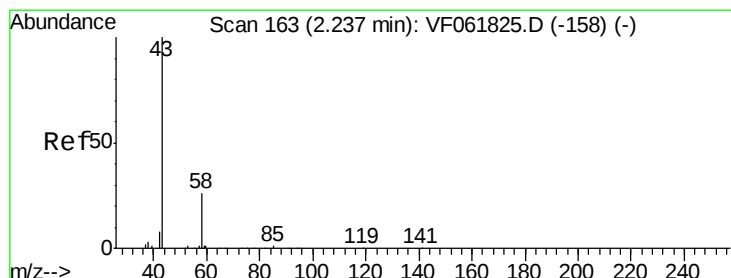
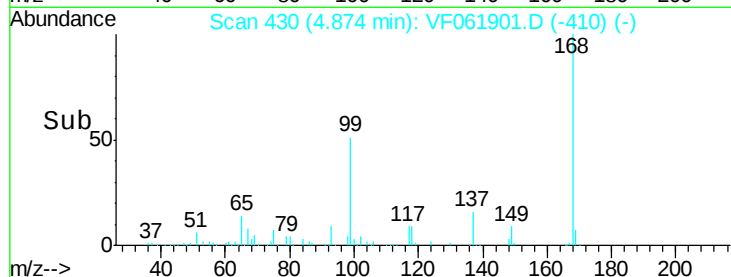
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 53.703 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061901.D

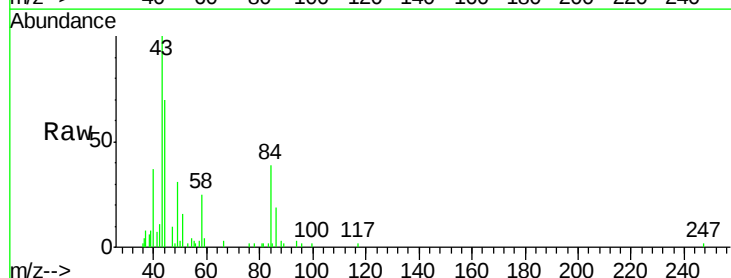
Acq: 11 Mar 2019 20:47

Tgt Ion: 43 Resp: 17938

Ion Ratio Lower Upper

43 100

58 25.1 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

6000

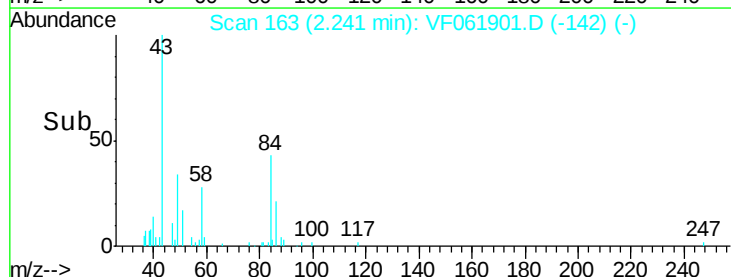
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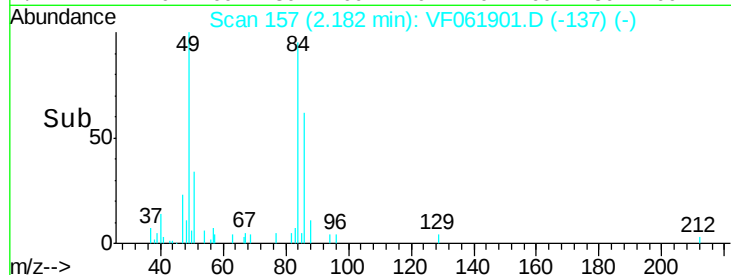
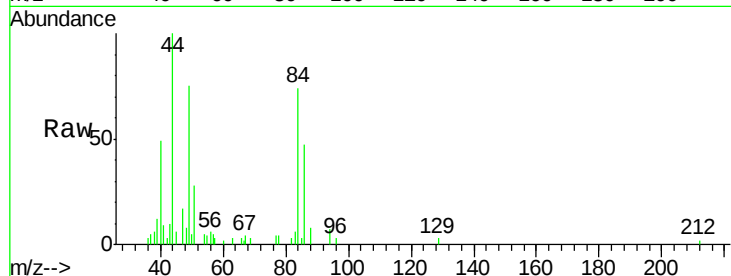
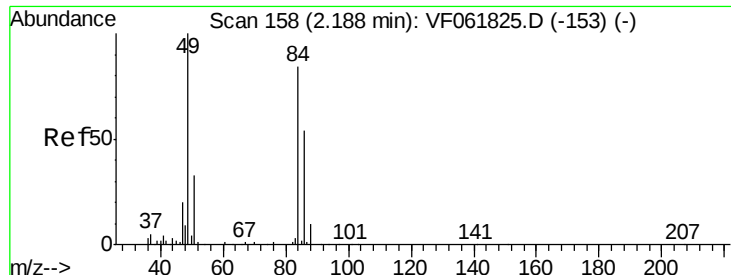
2000

0

Time-->

2.15 2.20 2.25 2.30 2.35





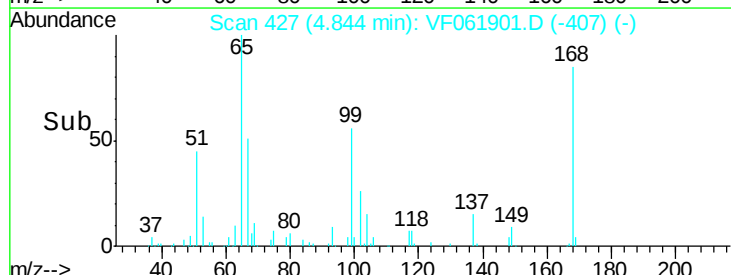
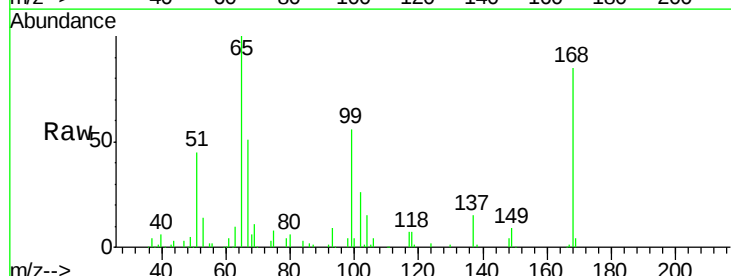
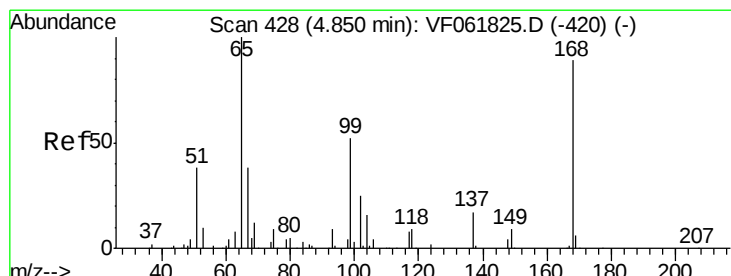
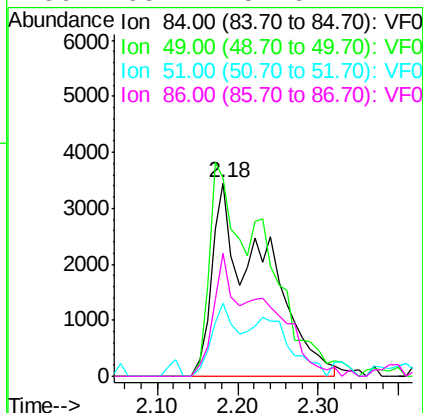
#20
Methvlene Chloride
Concen: 3.379 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.00 min
Lab File: VF061901.D
Acq: 11 Mar 2019 20:47

Tot Ion:	84	Resp:	15381
Ion	Ratio	Lower	Upper
84	100		
49	102.3	96.8	145.2
51	37.9	31.8	47.6
86	63.2	51.6	77.4

Instrument :
MSVOA_F
ClientSampleId :
TP-1-S

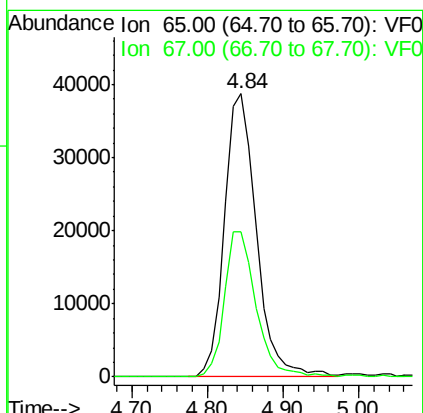
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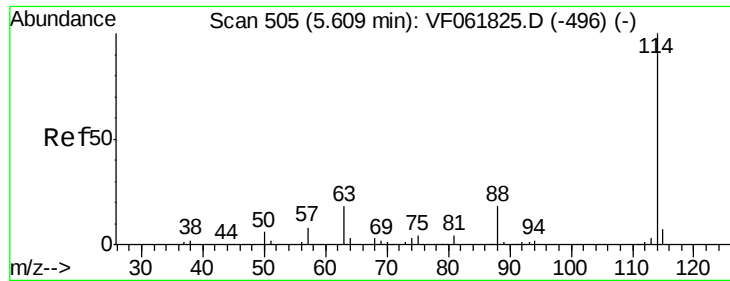
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#33
1,2-Dichloroethane-d4
Concen: 70.997 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF061901.D
Acq: 11 Mar 2019 20:47

Tgt Ion:	65	Resp:	113212
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	108.6





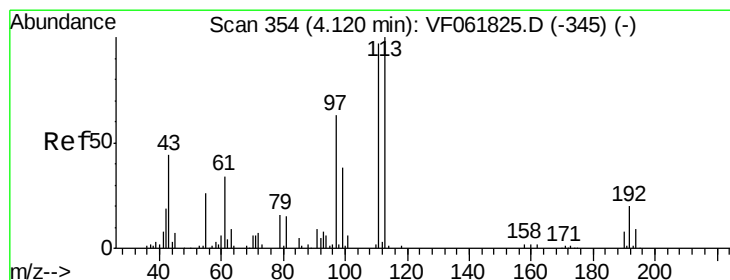
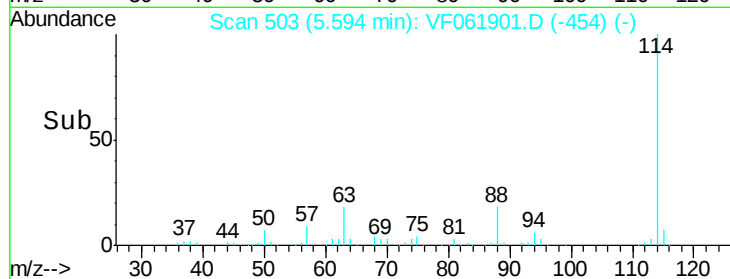
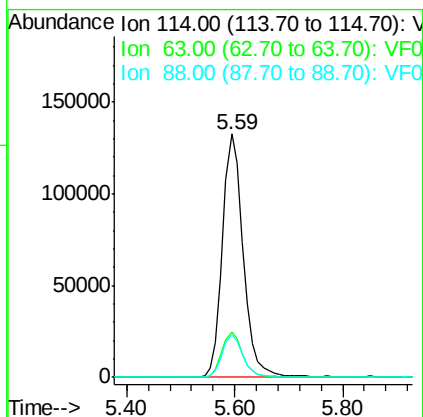
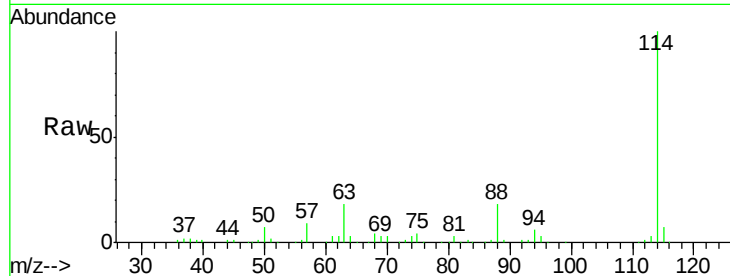
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061901.D
 Acq: 11 Mar 2019 20:47

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-S

Tot Ion	Ratio	Resp	Lower	Upper
114	100	353157		
63	18.5	0.0	35.6	
88	17.6	0.0	35.6	

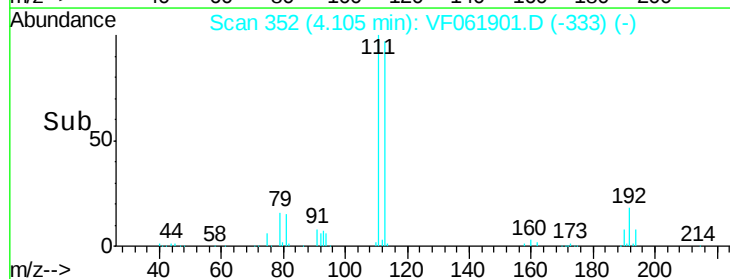
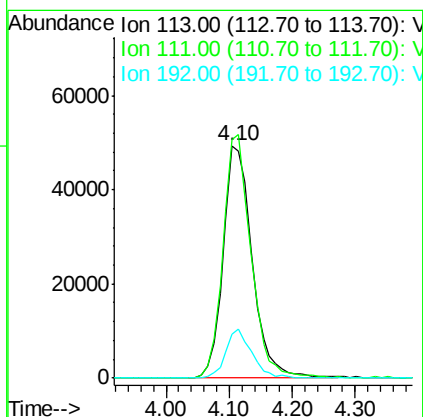
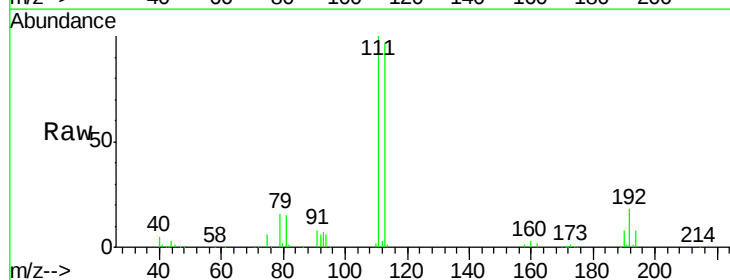
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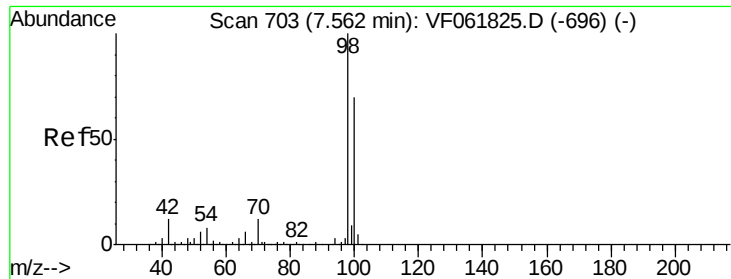
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#35
 Dibromofluoromethane
 Concen: 63.856 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VF061901.D
 Acq: 11 Mar 2019 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	157379		
111	102.9	77.6	116.4	
192	18.8	15.9	23.9	





#50

Toluene-d8

Concen: 47.951 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061901.D

Acq: 11 Mar 2019 20:47

Instrument :

MSVOA_F

ClientSampleId :

TP-1-S

Tot Ion: 98 Resp: 351264

Ion Ratio Lower Upper

98 100

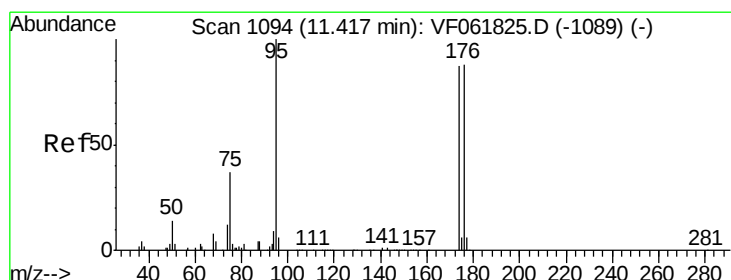
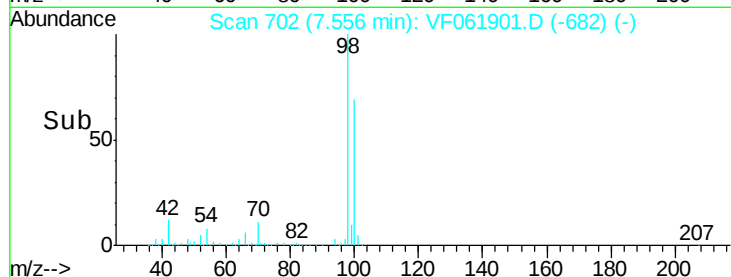
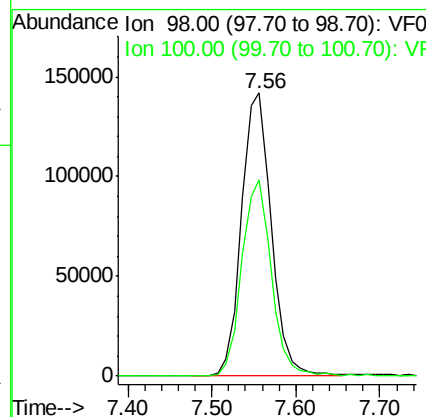
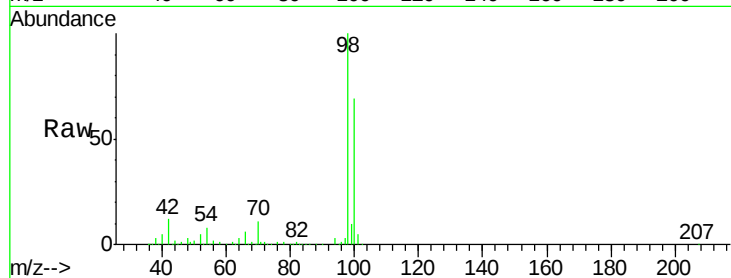
100 69.5 56.0 84.0

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#62

4-Bromofluorobenzene

Concen: 50.121 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061901.D

Acq: 11 Mar 2019 20:47

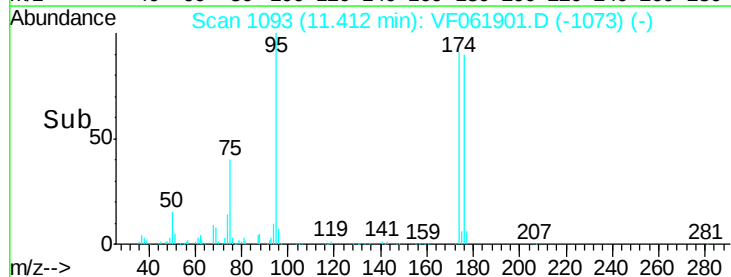
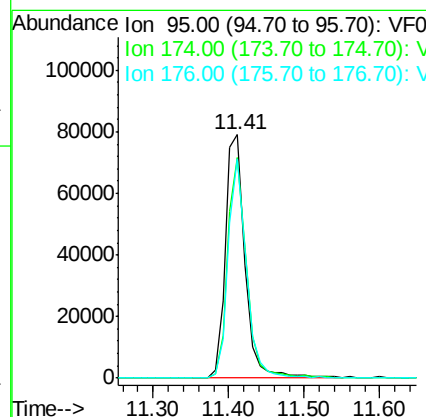
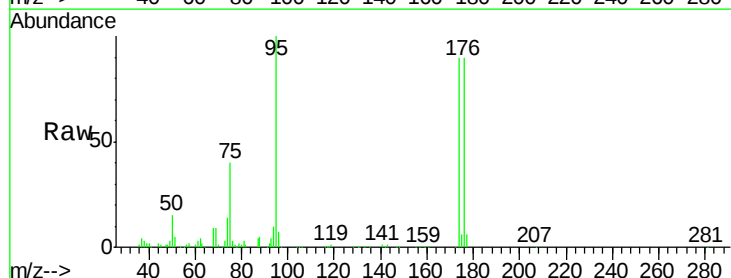
Tgt Ion: 95 Resp: 143824

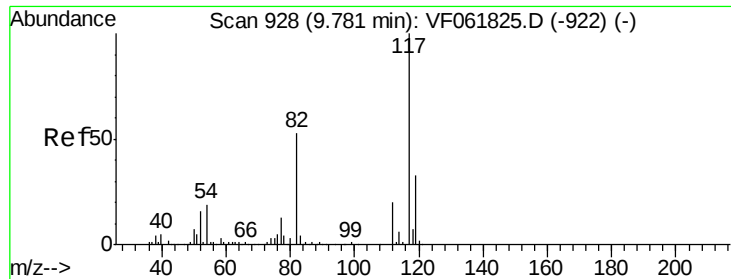
Ion Ratio Lower Upper

95 100

174 90.5 0.0 174.0

176 90.1 0.0 175.2





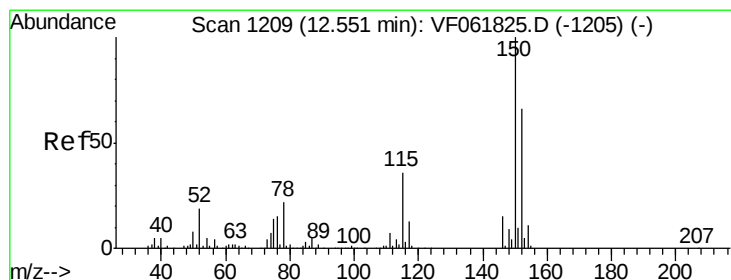
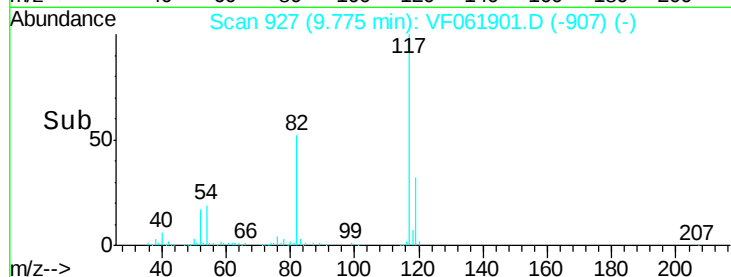
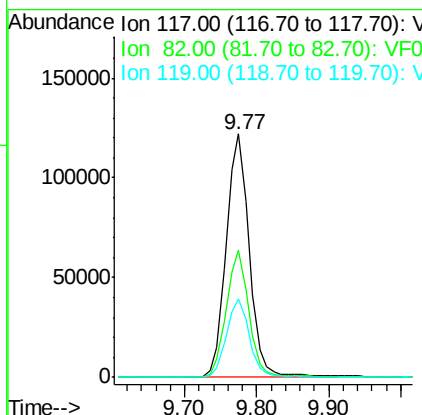
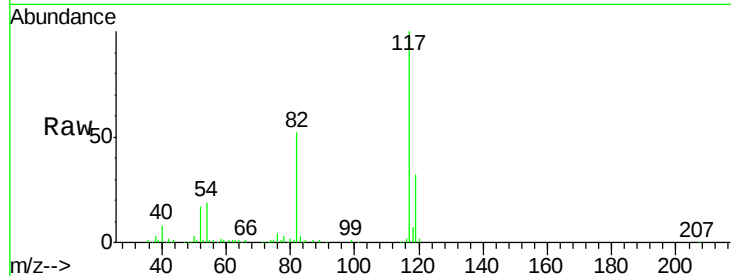
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061901.D
Acq: 11 Mar 2019 20:47

Instrument :
MSVOA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Resp	Lower	Upper
117	100	272552		
82	52.3		42.6	63.8
119	32.0		26.0	39.0

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061901.D
Acq: 11 Mar 2019 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	119071		
115	55.9		27.7	83.1
150	155.4		0.0	304.2

