

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061718.D
 Acq On : 22 Feb 2019 19:52
 Operator : VA/AP
 Sample : K1597-15RE
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-23RE

Manual Integrations
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 2/27/2019 5:41:33 PM

Quant Time: Feb 23 03:28:16 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	4.85	168	349021	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	531883	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	413553	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	212043	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	115963	45.31	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	90.62%	
35) Dibromofluoromethane	4.09	113	167810	42.49	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.98%	
50) Toluene-d8	7.53	98	414001	36.46	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	72.92%	
62) 4-Bromofluorobenzene	11.39	95	155043	33.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	67.50%	
Target Compounds						
16) Acetone	2.22	43	25070	45.653	ug/l	90
20) Methylene Chloride	2.17	84	25927m	6.624	ug/l	
29) Tetrahydrofuran	4.07	42	10192	18.695	ug/l	94

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

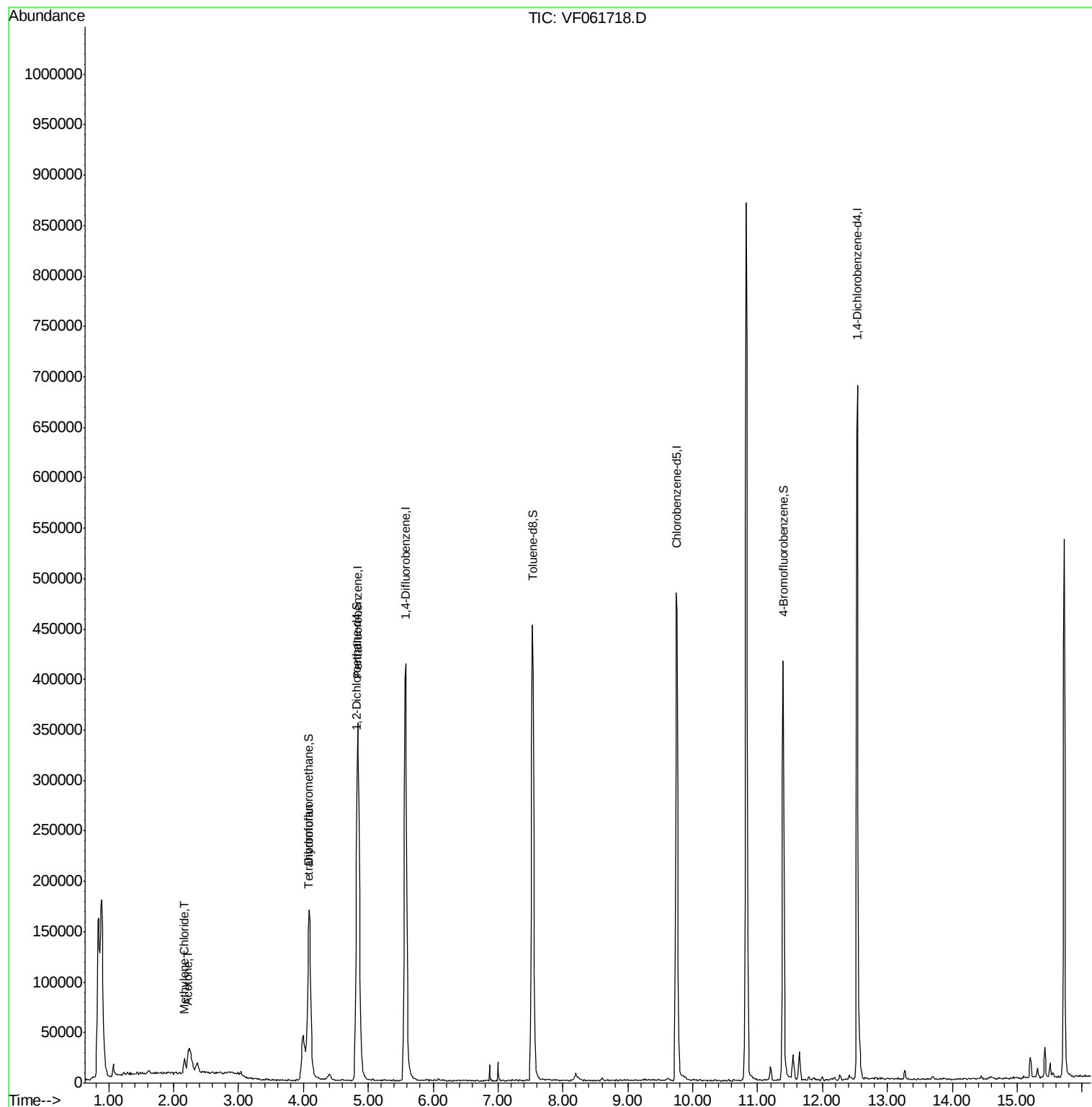
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022219\
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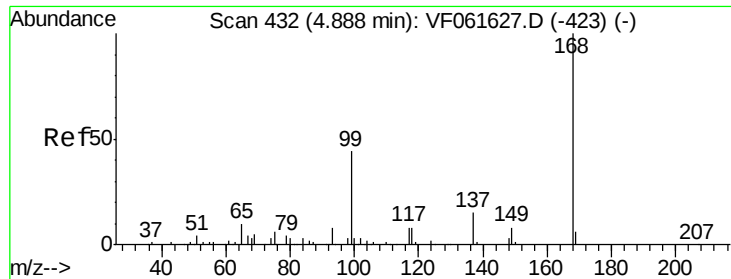
Instrument :
MSVOA_F
ClientSampleId :
TP-23RE

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Quant Time: Feb 23 03:28:16 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: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061718.D

Acq: 22 Feb 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

TP-23RE

Tot Ion:168 Resp: 349021

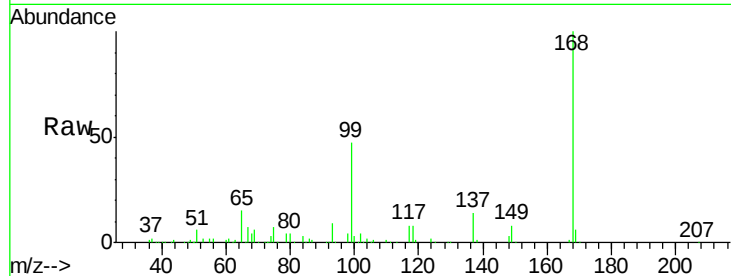
Ion Ratio Lower Upper

168 100

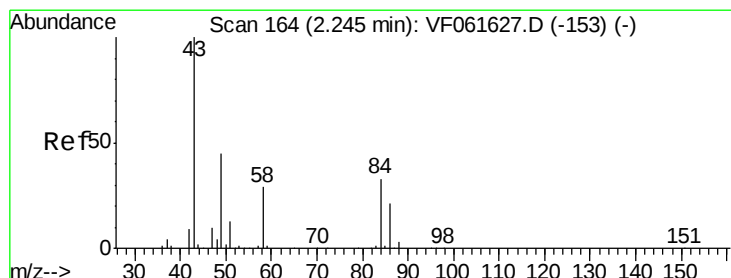
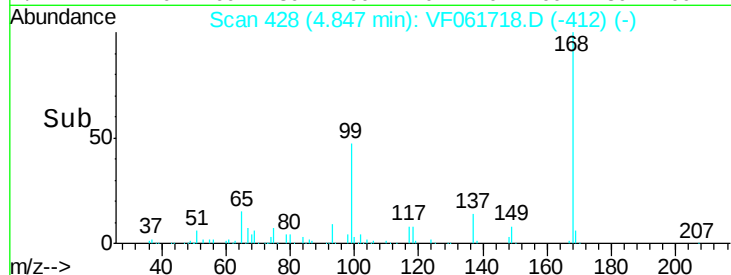
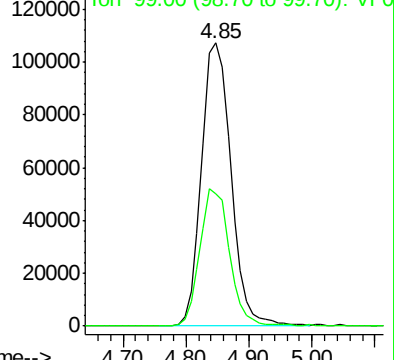
99 47.0 34.9 52.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 45.653 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061718.D

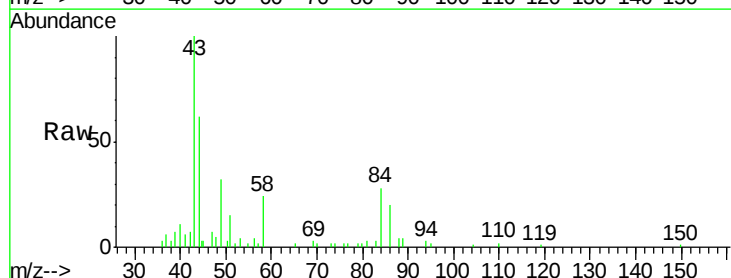
Acq: 22 Feb 2019 19:52

Tgt Ion: 43 Resp: 25070

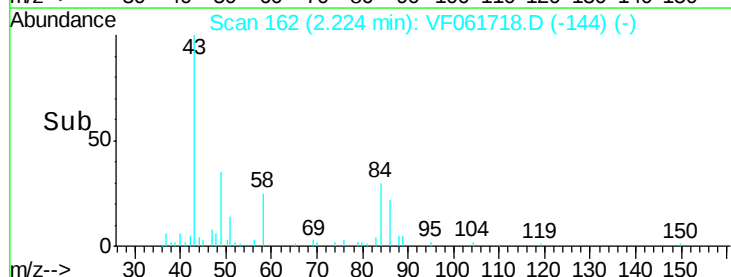
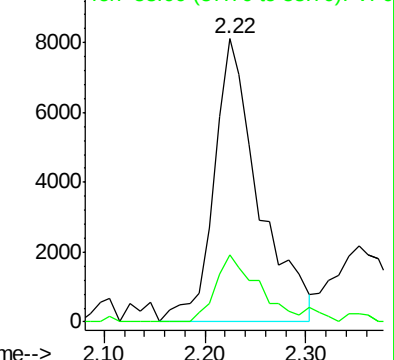
Ion Ratio Lower Upper

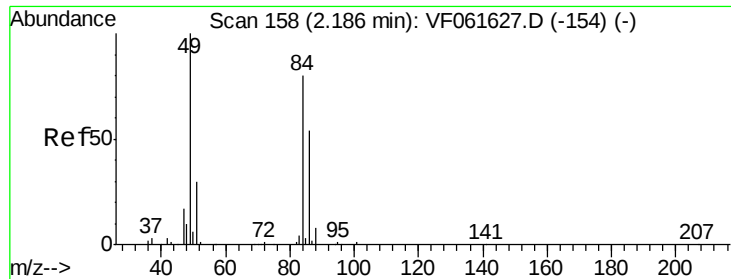
43 100

58 23.5 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0





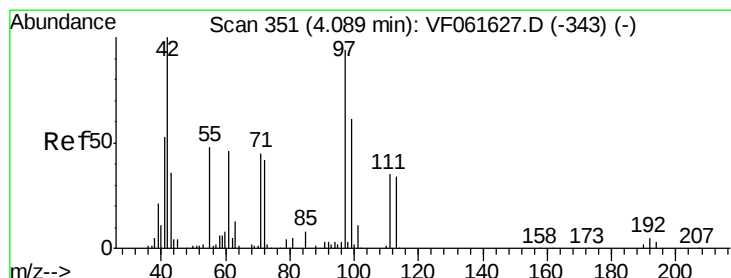
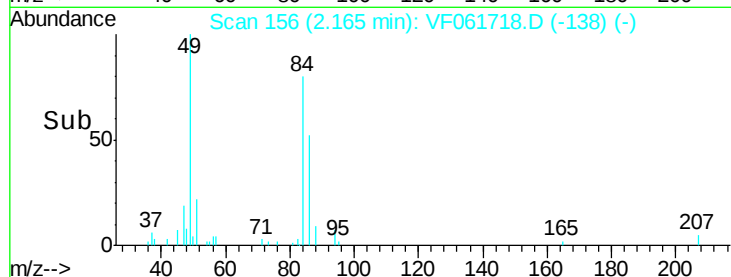
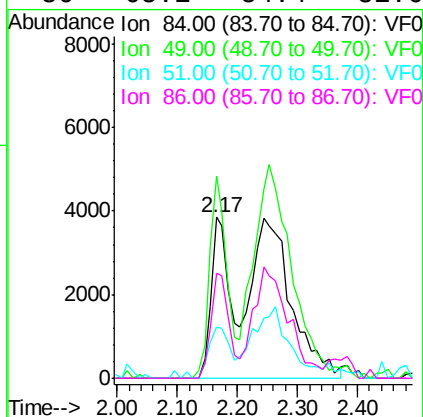
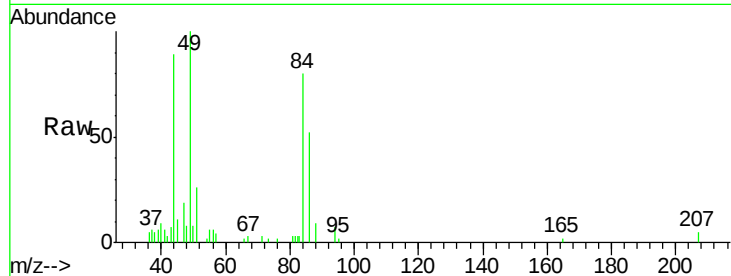
#20
Methvlene Chloride
Concen: 6.624 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061718.D
Acq: 22 Feb 2019 19:52

Instrument :
MSVOA_F
ClientSampleId :
TP-23RE

Tot Ion:	84	Resp:	25927
Ion	Ratio	Lower	Upper
84	100		
49	125.4	101.8	152.8
51	32.0	31.1	46.7
86	65.1	54.4	81.6

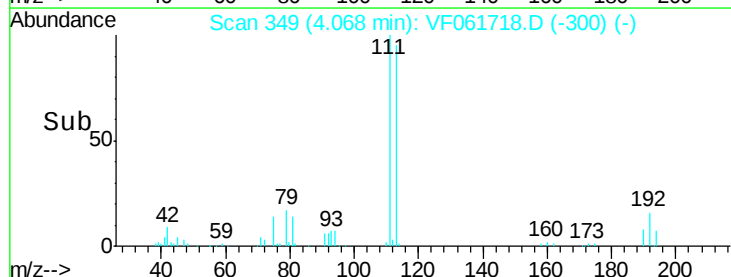
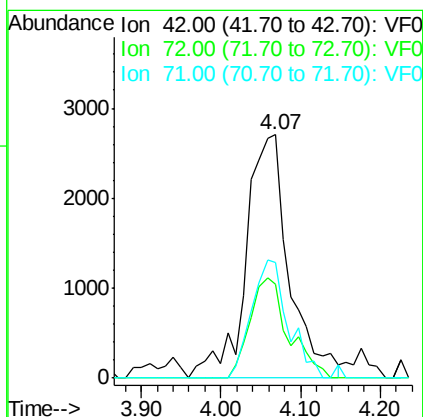
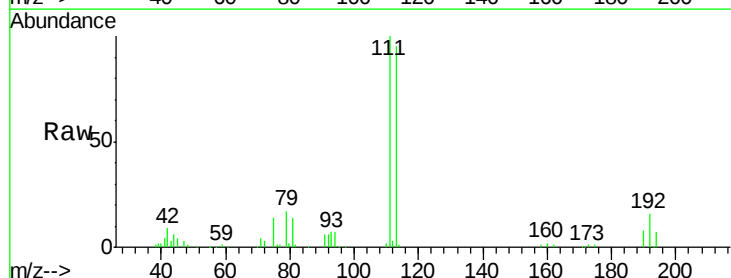
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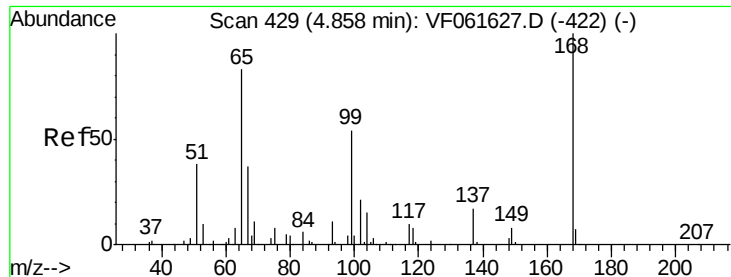
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#29
Tetrahydrofuran
Concen: 18.695 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.02 min
Lab File: VF061718.D
Acq: 22 Feb 2019 19:52

Tgt Ion:	42	Resp:	10192
Ion	Ratio	Lower	Upper
42	100		
72	36.5	35.2	52.8
71	40.7	32.9	49.3





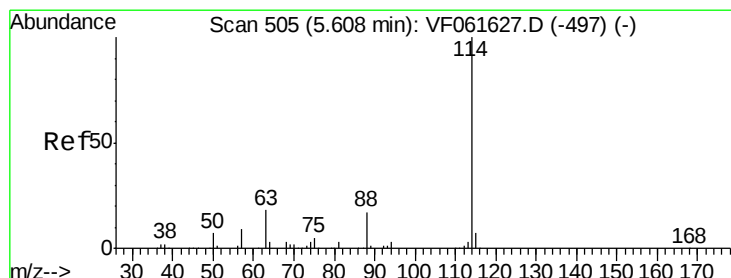
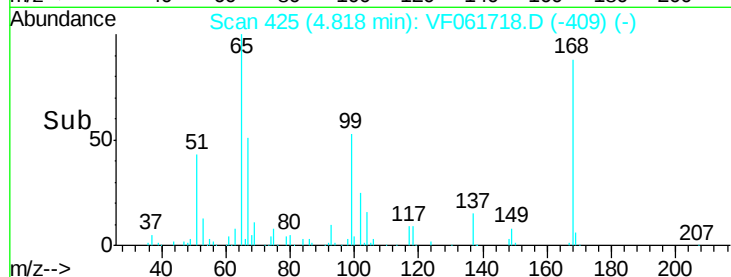
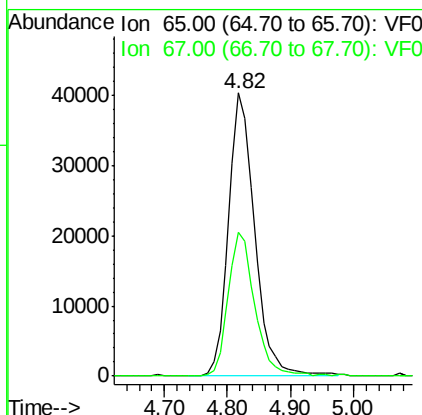
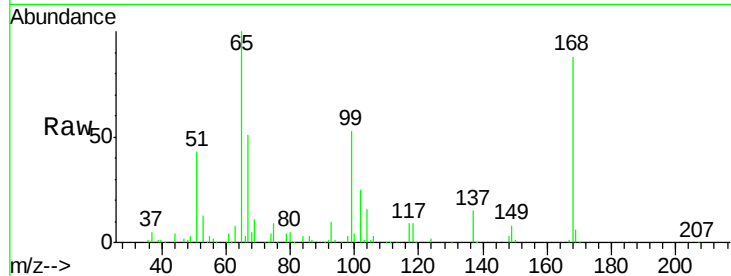
#33
 1,2-Dichloroethane-d4
 Concen: 45.308 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.04 min
 Lab File: VF061718.D
 Acq: 22 Feb 2019 19:52

Instrument :
 MSVOA_F
 ClientSampled :
 TP-23RE

Tot Ion	Ratio	Resp	Lower	Upper
65	100	115963		
67	50.7	0.0	104.0	

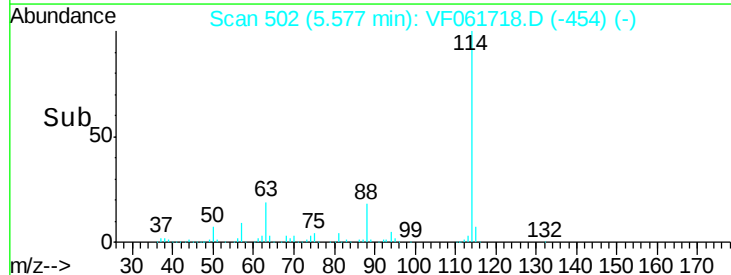
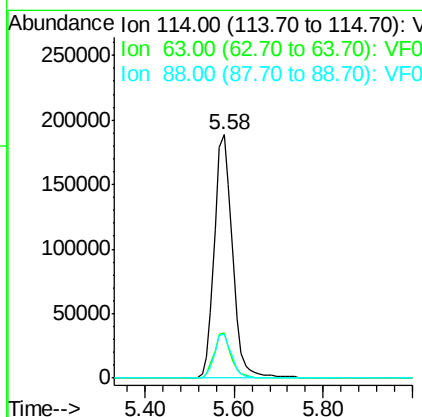
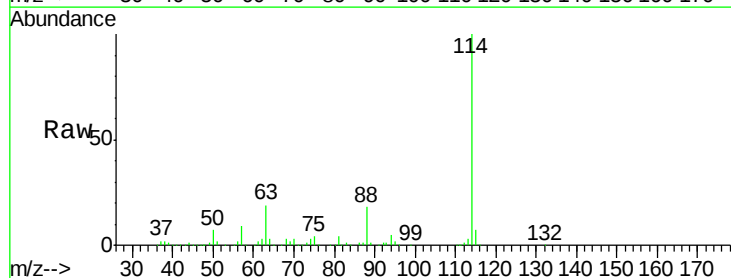
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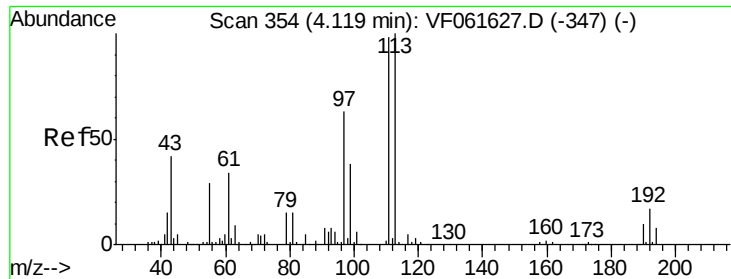
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061718.D
 Acq: 22 Feb 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	531883		
63	18.8	0.0	36.6	
88	17.8	0.0	34.4	





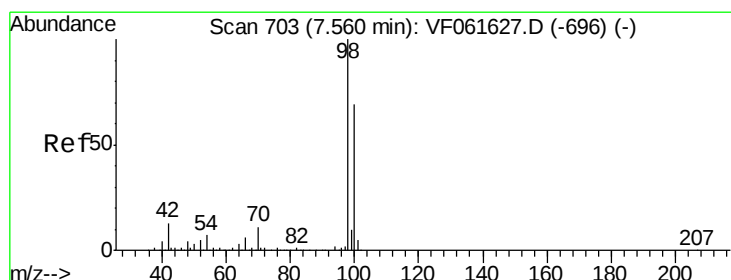
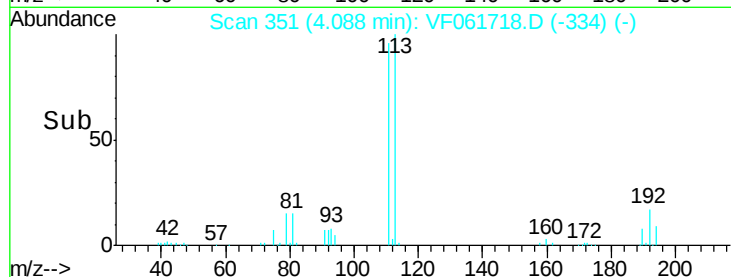
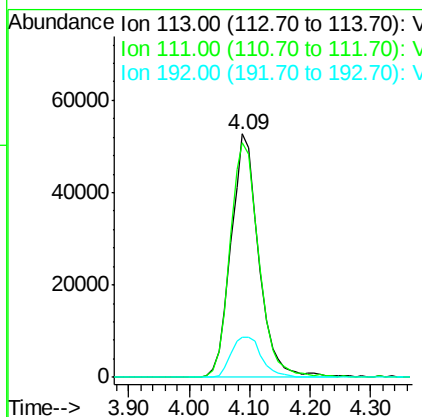
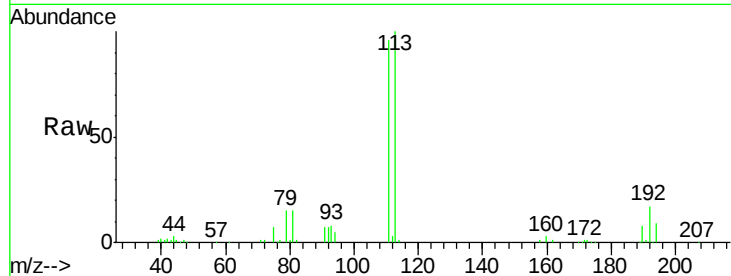
#35
Dibromofluoromethane
Concen: 42.486 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061718.D
Acq: 22 Feb 2019 19:52

Instrument :
MSVOA_F
ClientSampleId :
TP-23RE

Tot Ion	Ratio	Resp	Lower	Upper
113	100	167810		
111	96.1		78.8	118.2
192	16.6		13.4	20.0

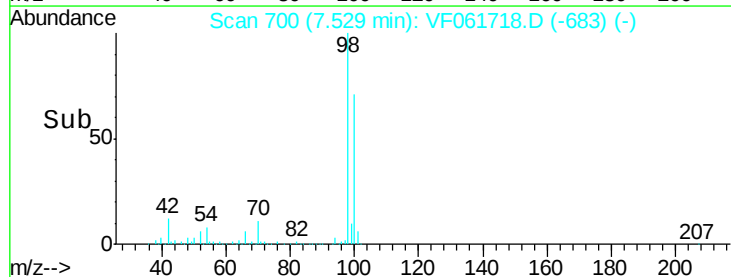
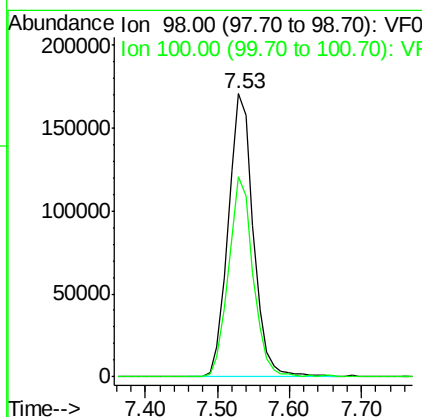
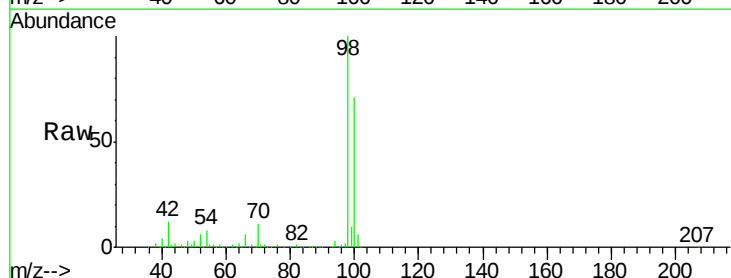
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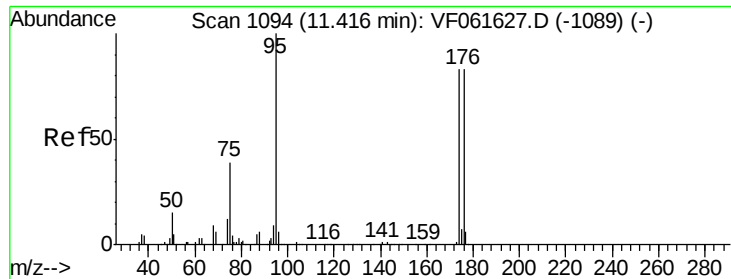
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#50
Toluene-d8
Concen: 36.461 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061718.D
Acq: 22 Feb 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	414001		
100	70.5		55.4	83.2





#62

4-Bromofluorobenzene

Concen: 33.747 ug/l

RT: 11.39 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061718.D

Acq: 22 Feb 2019 19:52

Instrument :

MSVOA_F

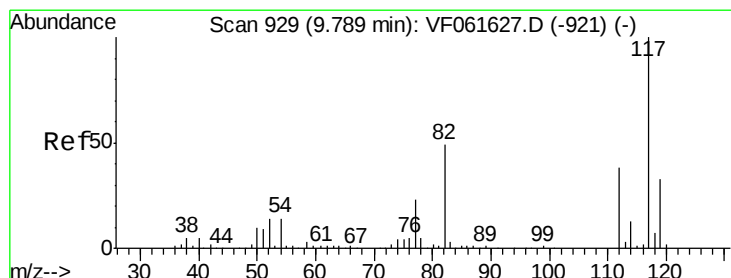
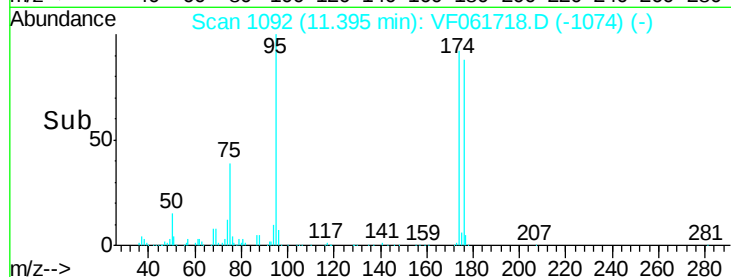
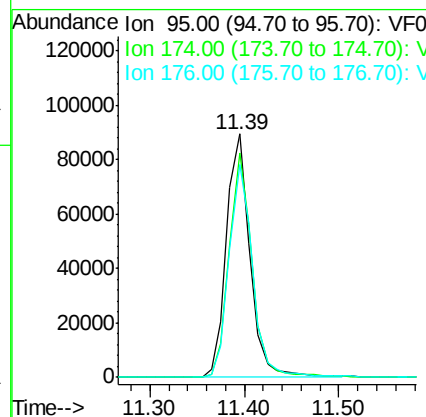
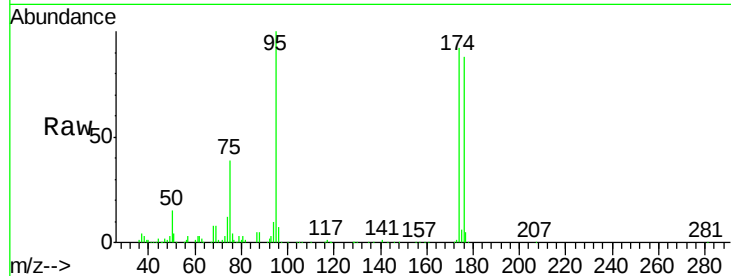
ClientSampleId :

TP-23RE

Tot Ion:	95	Resp:	155043
Ion Ratio	Lower	Upper	
95	100		
174	92.3	0.0	165.8
176	87.6	0.0	167.0

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2/27/2019 5:41:33 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

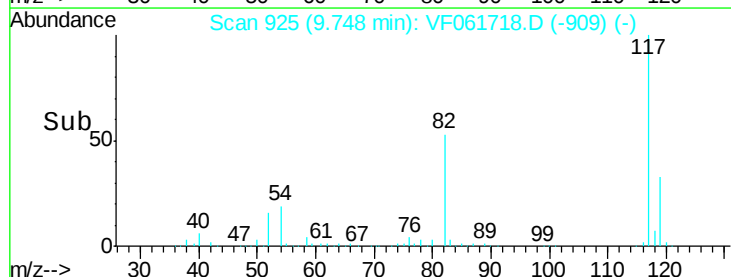
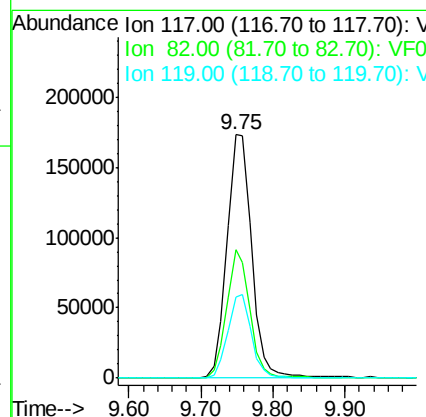
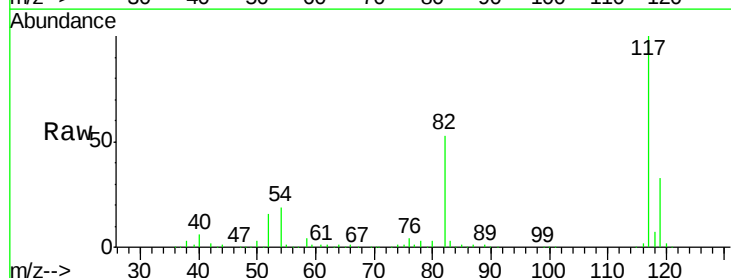
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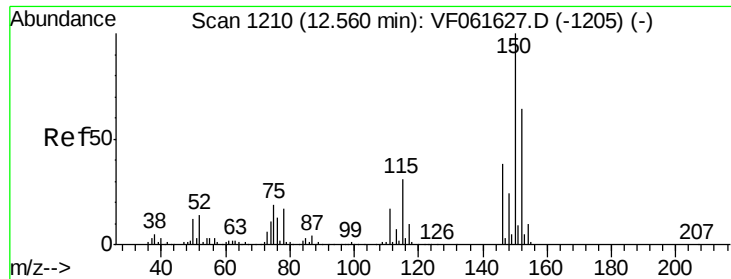
Delta R.T. -0.04 min

Lab File: VF061718.D

Acq: 22 Feb 2019 19:52

Tgt Ion:	117	Resp:	413553
Ion Ratio	Lower	Upper	
117	100		
82	52.6	39.3	58.9
119	33.3	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: VF061718.D

Acq: 22 Feb 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

TP-23RE

Tot Ion:152 Resp: 212043

Ion Ratio Lower Upper

152 100

115 48.7 24.3 72.8

150 149.2 0.0 312.0

Manual Integrations

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2/27/2019 5:41:33 PM

