

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
 Data File : VF061905.D
 Acq On : 12 Mar 2019 15:06
 Operator : VA/AP
 Sample : VF0312SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0312SBL01

Manual Integrations
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 3/13/2019 4:41:08 PM

Quant Time: Mar 13 02:21:45 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	4.86	168	314651	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	464785	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	378858	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	234088	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	127168	55.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.00%	
35) Dibromofluoromethane	4.10	113	189980	58.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.14%	
50) Toluene-d8	7.54	98	471099	48.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.40	95	201181	53.27	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.54%	
Target Compounds						
20) Methylene Chloride	2.18	84	20036m	2.513	ug/l	Qvalue

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

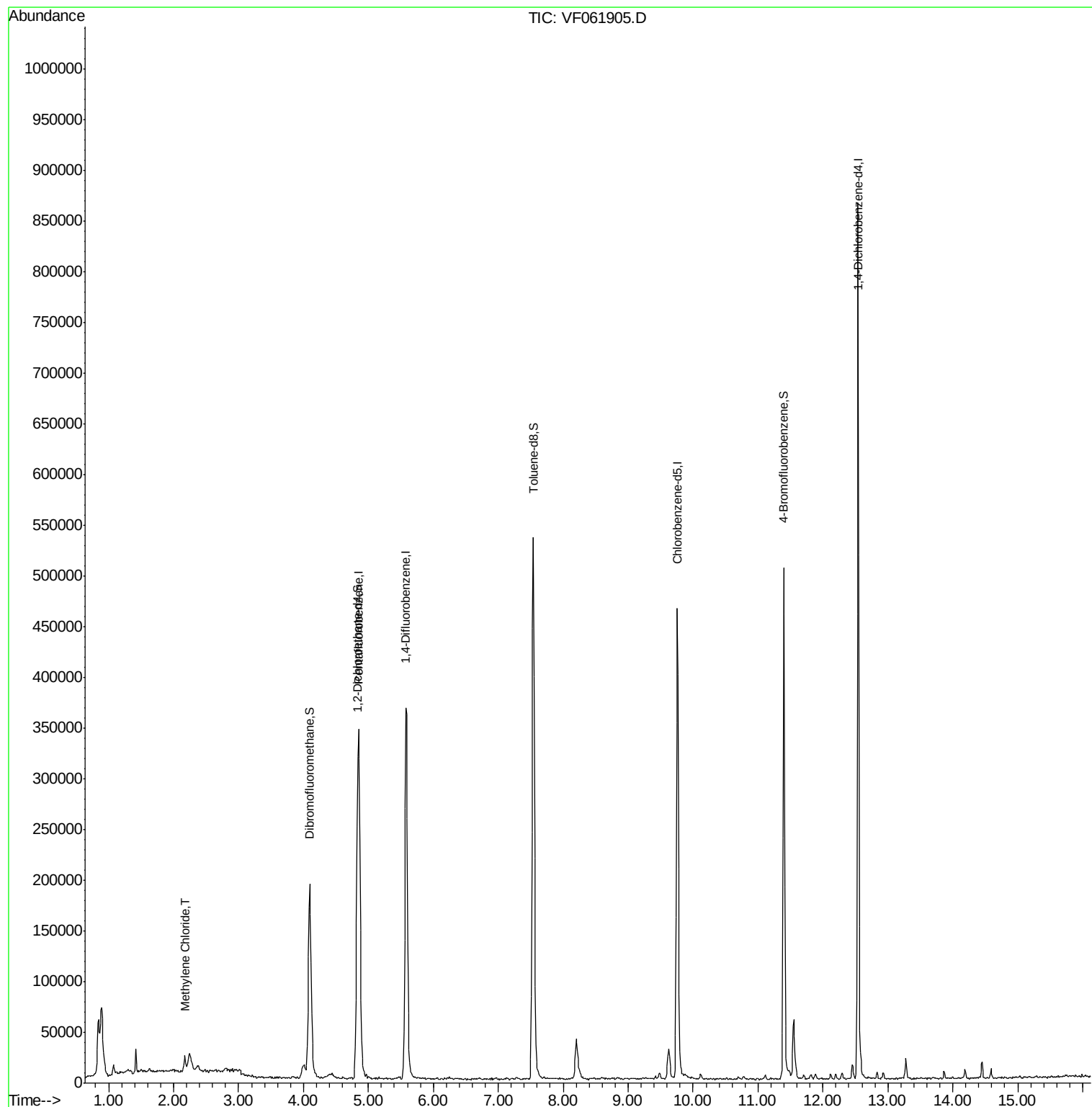
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
Data File : VF061905.D
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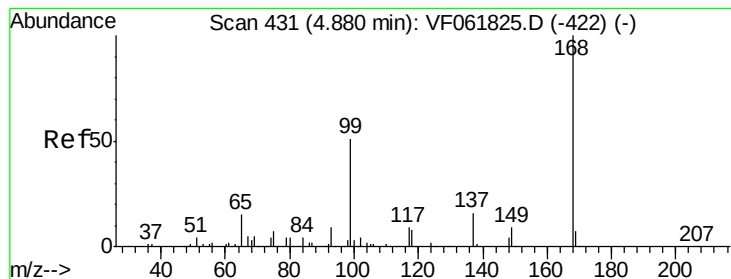
Instrument :
MSVOA_F
ClientSampleId :
VF0312SBL01

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Quant Time: Mar 13 02:21:45 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: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061905.D

Acq: 12 Mar 2019 15:06

Instrument :

MSVOA_F

ClientSampleId :

VF0312SBL01

Tgt Ion: 168 Resp: 314651

Ion Ratio Lower Upper

168 100

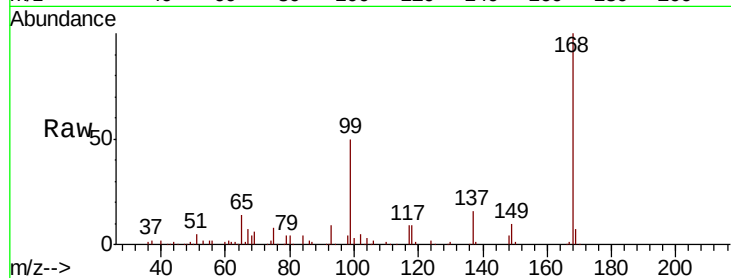
99 49.7 40.8 61.2

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Abundance Ion 168.00 (167.70 to 168.70): VF061825.D (-422) (-)

Ion 99.00 (98.70 to 99.70): VF061825.D (-422) (-)

4.86

100000

80000

60000

40000

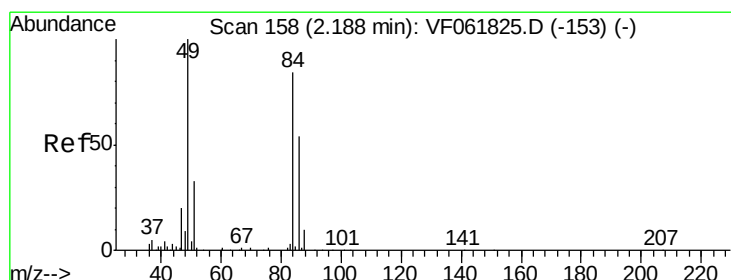
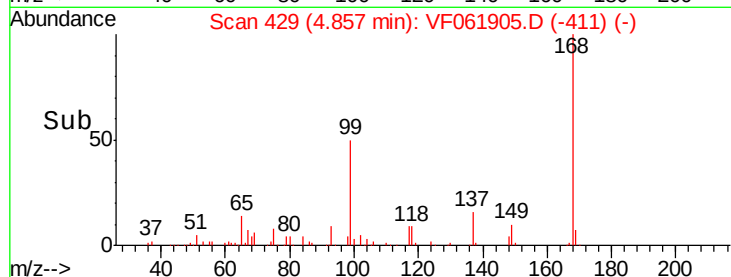
20000

0

4.80

5.00

Time-->



#20

Methylene Chloride

Concen: 2.513 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF061905.D

Acq: 12 Mar 2019 15:06

Tgt Ion: 84 Resp: 20036

Ion Ratio Lower Upper

84 100

49 121.1 96.8 145.2

51 36.3 31.8 47.6

86 70.3 51.6 77.4

Abundance Ion 84.00 (83.70 to 84.70): VF061825.D (-153) (-)

Ion 49.00 (48.70 to 49.70): VF061825.D (-153) (-)

Ion 51.00 (50.70 to 51.70): VF061825.D (-153) (-)

Ion 86.00 (85.70 to 86.70): VF061825.D (-153) (-)

6000

4000

2000

0

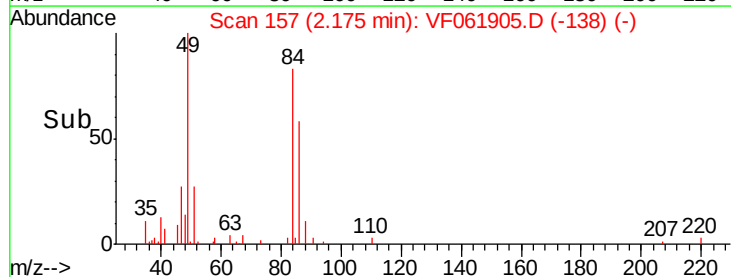
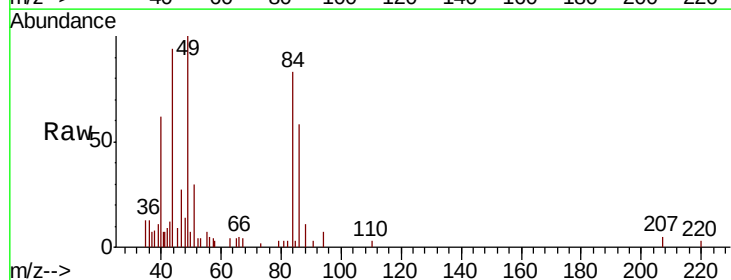
2.10

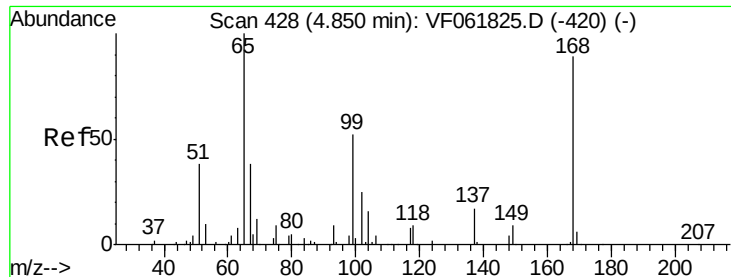
2.20

2.30

2.40

Time-->





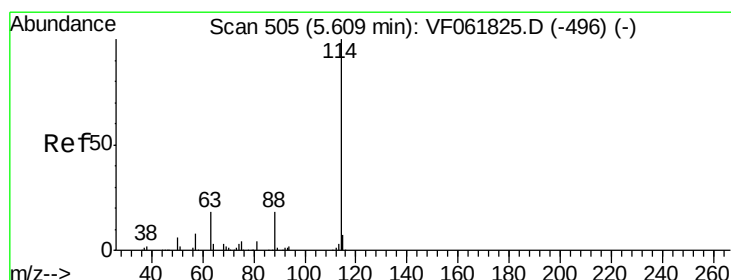
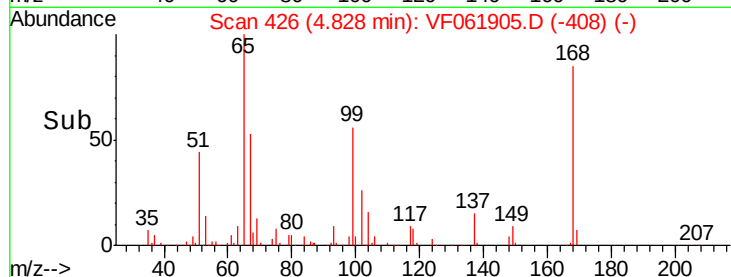
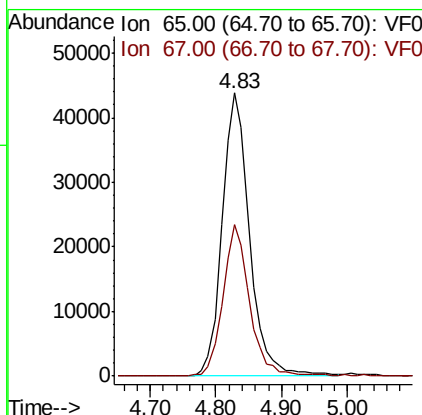
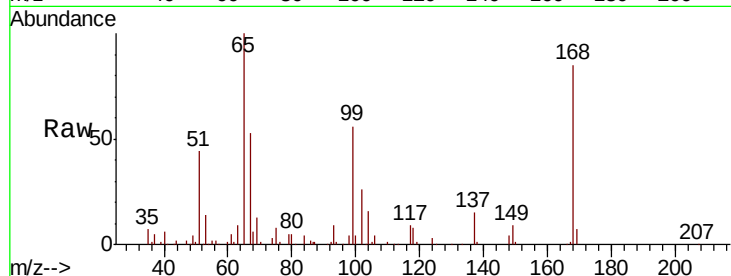
#33
 1,2-Dichloroethane-d4
 Concen: 55.497 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: VF061905.D
 Acq: 12 Mar 2019 15:06

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0312SBL01

Tgt Ion: 65 Resp: 127168
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.6

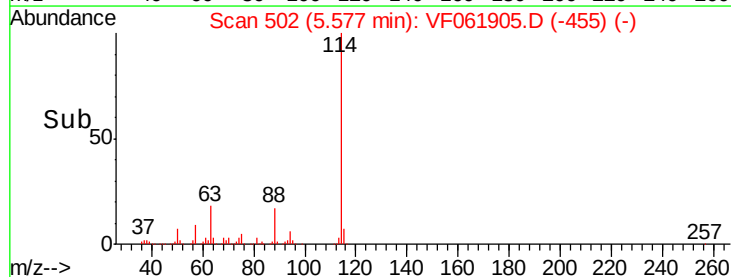
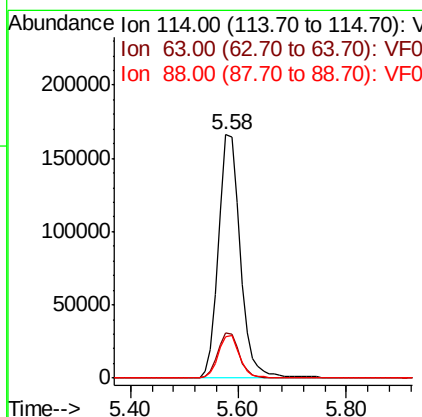
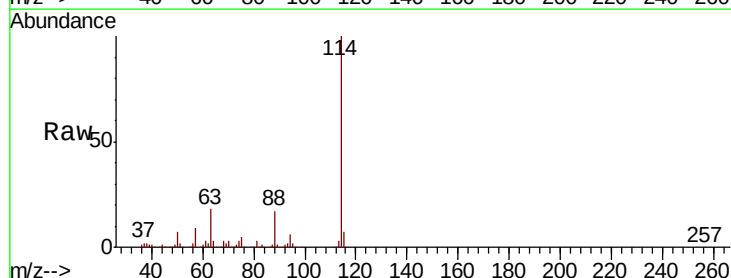
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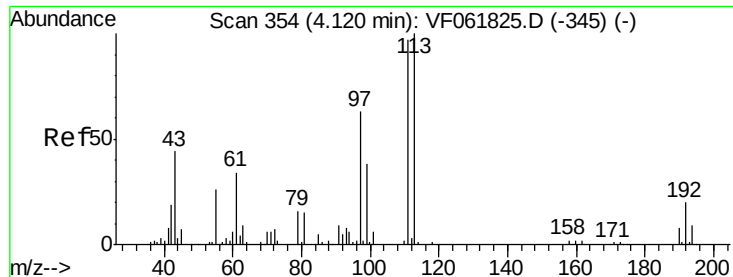
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061905.D
 Acq: 12 Mar 2019 15:06

Tgt Ion: 114 Resp: 464785
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.6
 88 17.1 0.0 35.6





#35

Dibromofluoromethane

Concen: 58.571 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061905.D

Acq: 12 Mar 2019 15:06

Instrument :

MSVOA_F

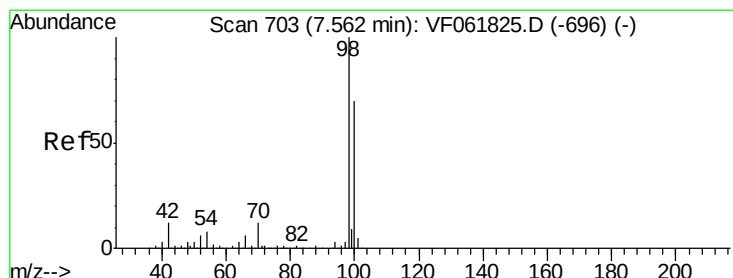
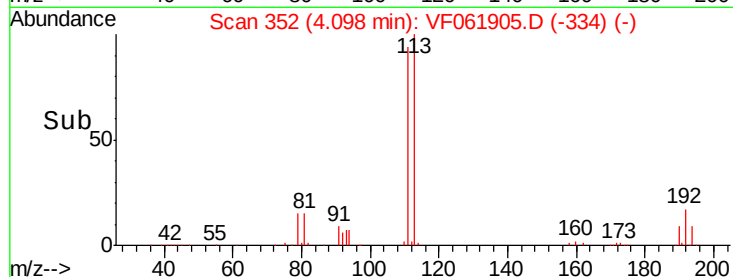
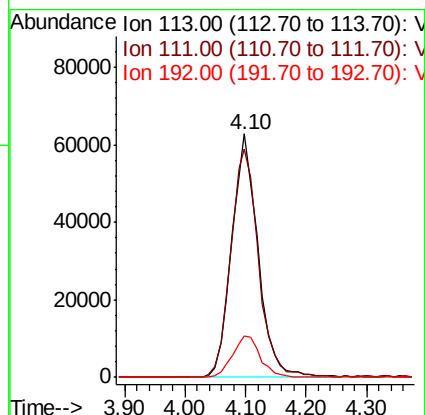
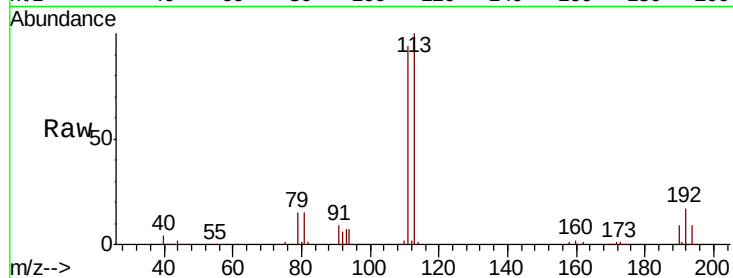
ClientSampleId :

VF0312SBL01

Tgt Ion:	113	Resp:	189980
Ion	Ratio	Lower	Upper
113	100		
111	93.8	77.6	116.4
192	17.0	15.9	23.9

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#50

Toluene-d8

Concen: 48.865 ug/l

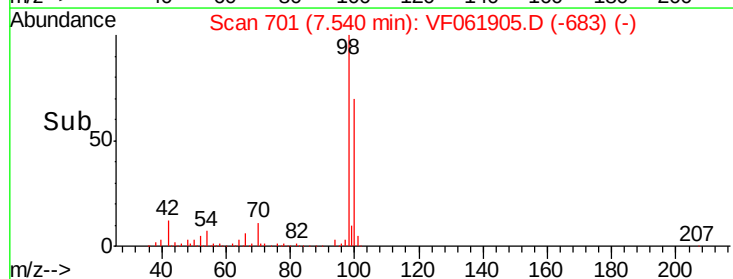
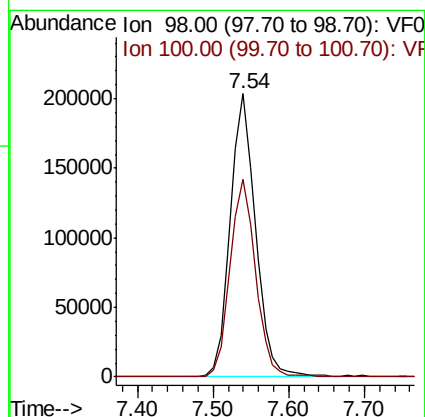
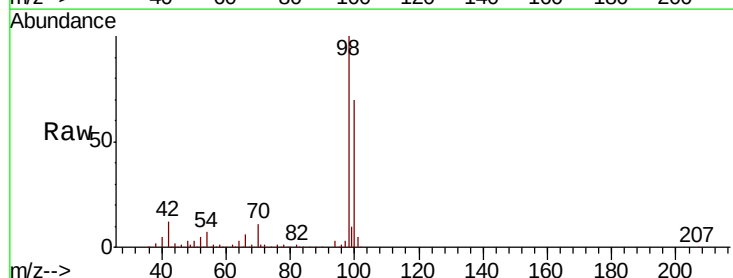
RT: 7.54 min Scan# 701

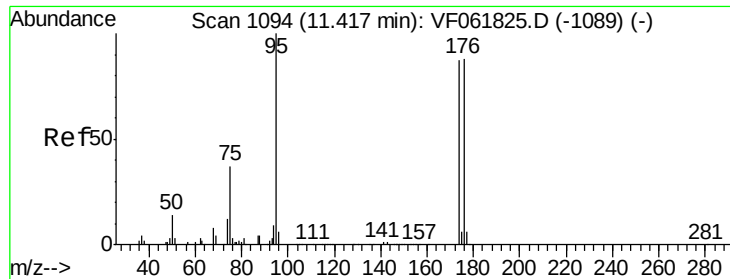
Delta R.T. -0.02 min

Lab File: VF061905.D

Acq: 12 Mar 2019 15:06

Tgt Ion:	98	Resp:	471099
Ion	Ratio	Lower	Upper
98	100		
100	69.9	56.0	84.0





#62

4-Bromofluorobenzene

Concen: 53.271 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061905.D

Acq: 12 Mar 2019 15:06

Instrument :

MSVOA_F

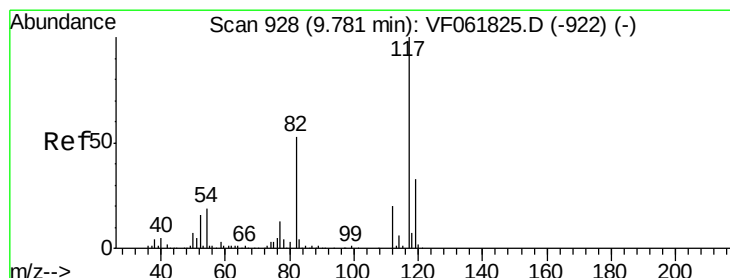
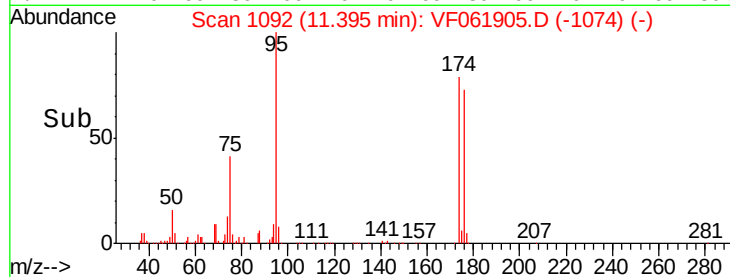
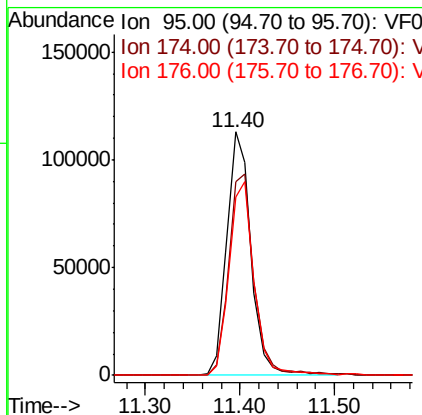
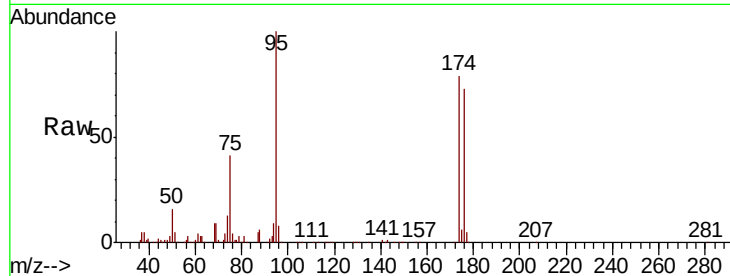
ClientSampleId :

VF0312SBL01

Tgt Ion:	95	Resp:	201181
Ion Ratio	Lower	Upper	
95	100		
174	79.4	0.0	174.0
176	73.2	0.0	175.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

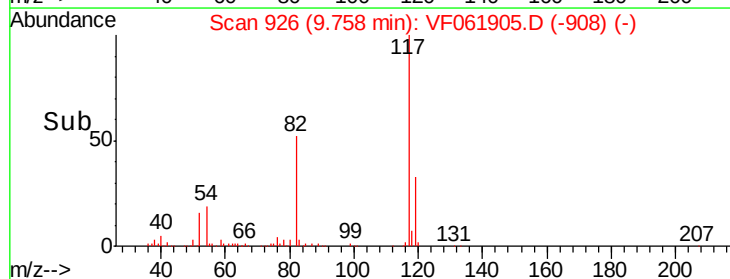
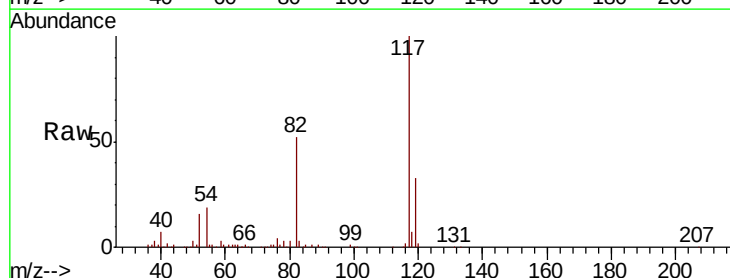
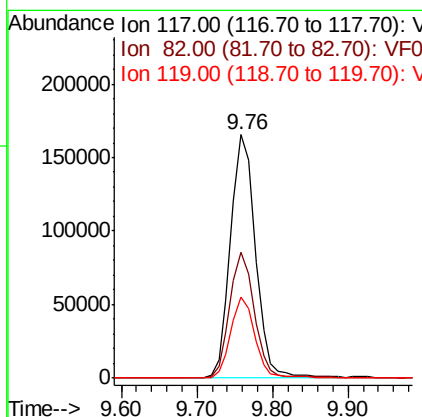
RT: 9.76 min Scan# 926

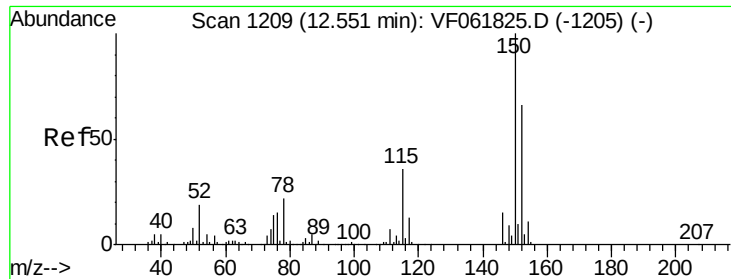
Delta R.T. -0.02 min

Lab File: VF061905.D

Acq: 12 Mar 2019 15:06

Tgt Ion:	117	Resp:	378858
Ion Ratio	Lower	Upper	
117	100		
82	51.6	42.6	63.8
119	33.5	26.0	39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.54 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: VF061905.D
 Acq: 12 Mar 2019 15:06

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0312SBL01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	234088		
115	53.6	27.7	83.1	
150	153.3	0.0	304.2	

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