

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061802.D
 Acq On : 1 Mar 2019 14:49
 Operator : VA/AP
 Sample : VF0301SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0301SBL01

Manual Integrations
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 3/4/2019 4:00:41 PM

Quant Time: Mar 02 02:55:31 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	296002	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	432952	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	376611	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	226318	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	129303	59.57	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	119.14%	
35) Dibromofluoromethane	4.09	113	191844	59.67	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	119.34%	
50) Toluene-d8	7.54	98	481021	52.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.40	95	213331	57.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.08%	
Target Compounds						
20) Methylene Chloride	2.25	84	9995m	1.563	ug/l	Qvalue

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

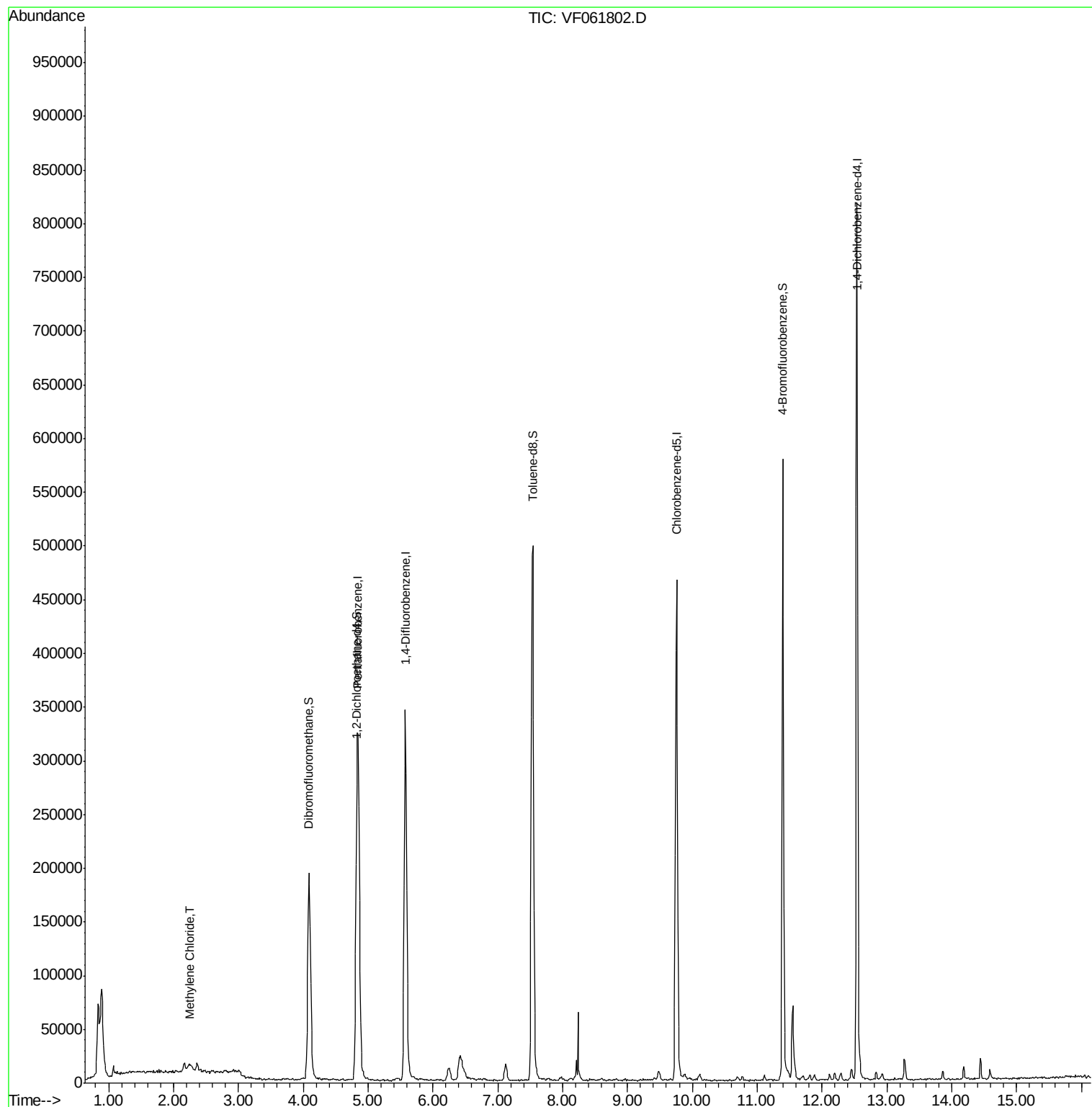
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Data File : VF061802.D
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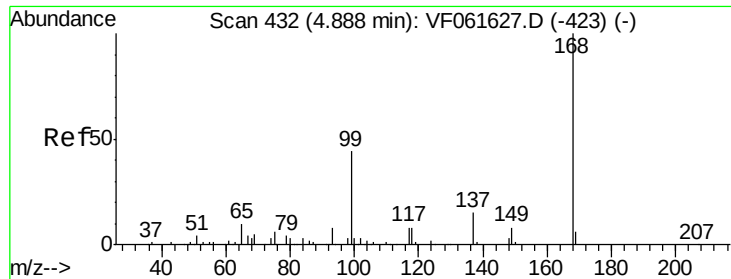
Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Manual Integrations
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3/4/2019 4:00:41 PM

Quant Time: Mar 02 02:55:31 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: VF061802.D

Acq: 1 Mar 2019 14:49

Instrument :

MSVOA_F

ClientSampleId :

VF0301SBL01

Tot Ion:168 Resp: 296002

Ion Ratio Lower Upper

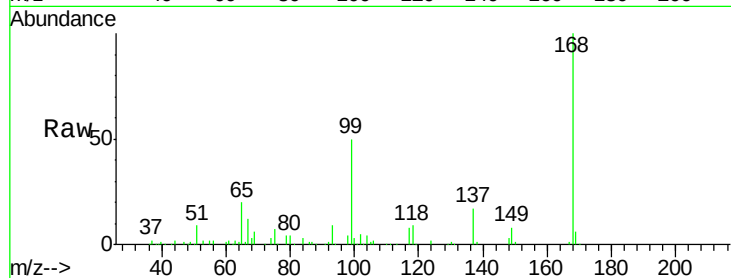
168 100

99 50.3 34.9 52.3

Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.85

100000

80000

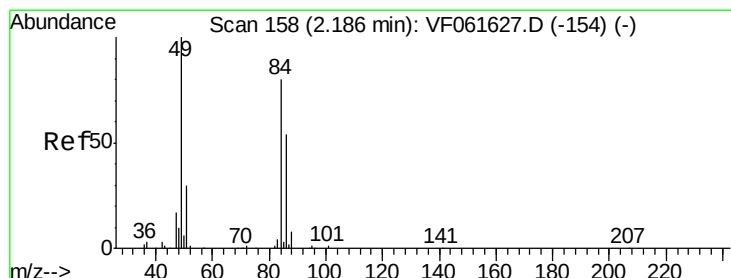
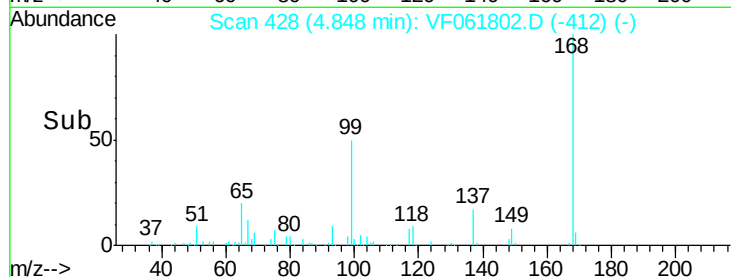
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.563 ug/l m

RT: 2.25 min Scan# 165

Delta R.T. 0.07 min

Lab File: VF061802.D

Acq: 1 Mar 2019 14:49

Tgt Ion: 84 Resp: 9995

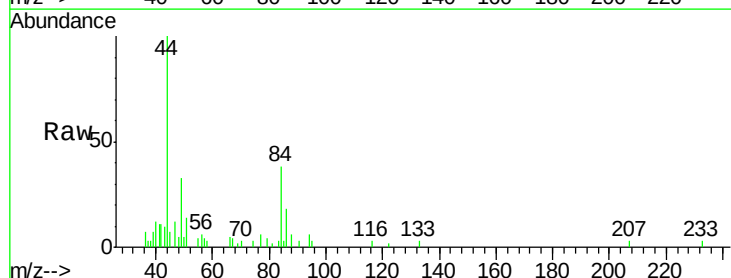
Ion Ratio Lower Upper

84 100

49 88.1 101.8 152.8#

51 37.6 31.1 46.7

86 48.3 54.4 81.6#



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

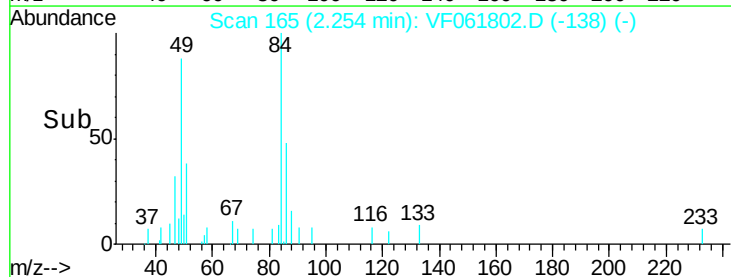
3000

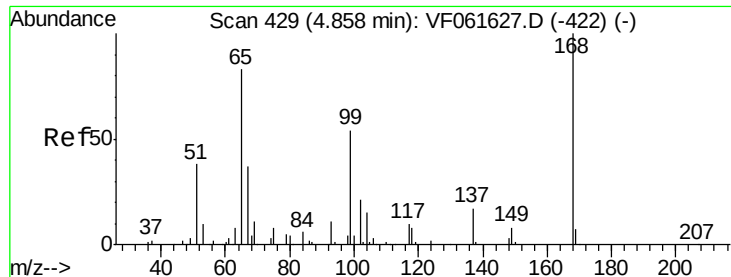
2000

1000

0

Time-->





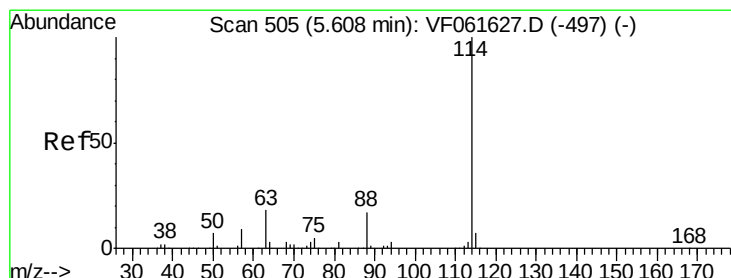
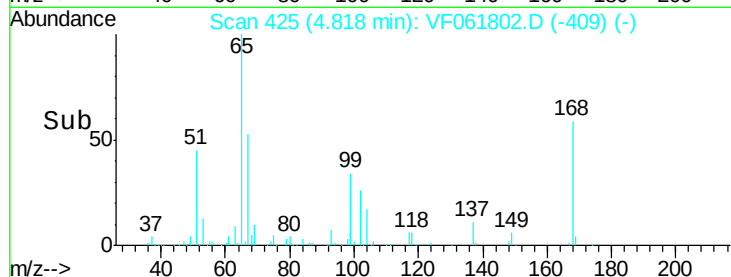
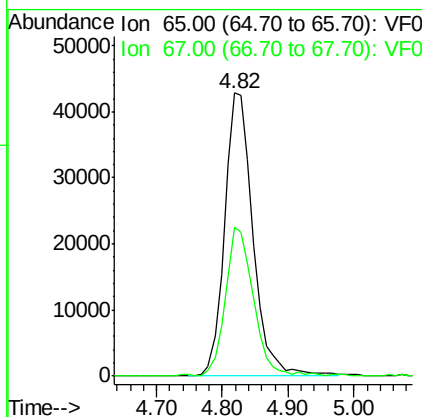
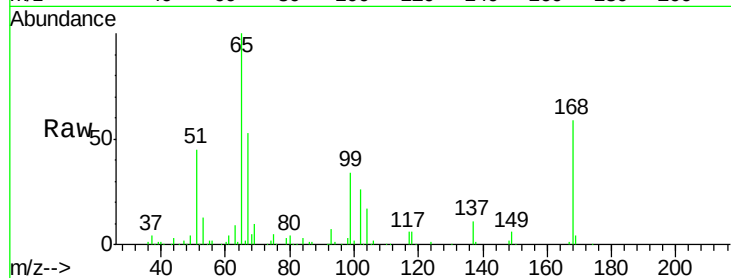
#33
 1,2-Dichloroethane-d4
 Concen: 59.570 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.04 min
 Lab File: VF061802.D
 Acq: 1 Mar 2019 14:49

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0301SBL01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129303		
67	52.7	0.0	104.0	

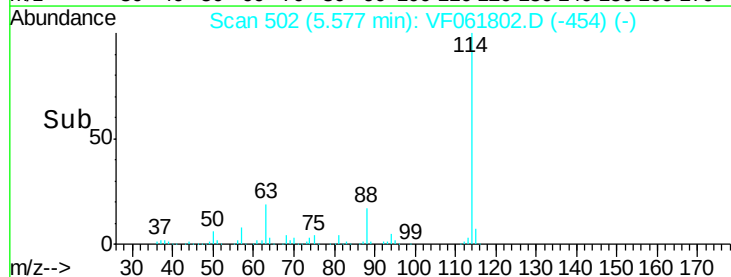
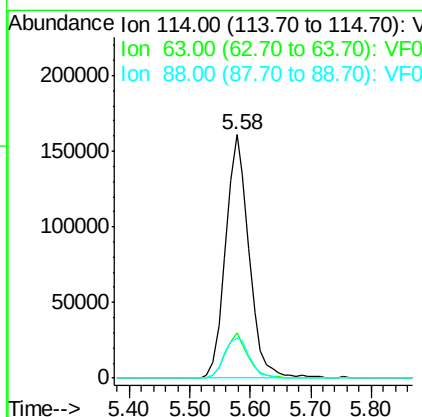
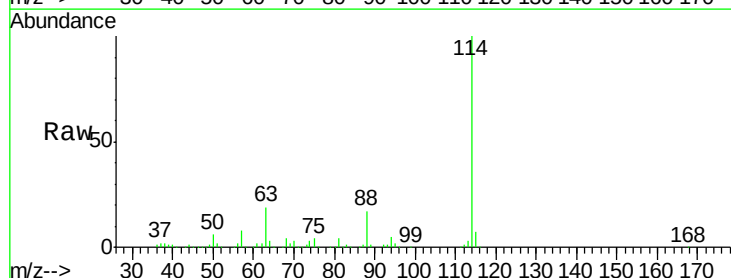
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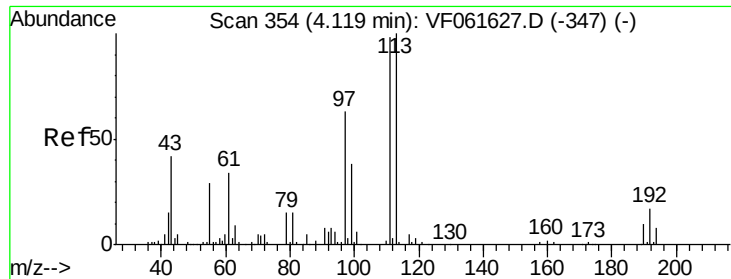
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061802.D
 Acq: 1 Mar 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	432952		
63	18.6	0.0	36.6	
88	16.6	0.0	34.4	





#35

Dibromofluoromethane

Concen: 59.669 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061802.D

Acq: 1 Mar 2019 14:49

Instrument :

MSVOA_F

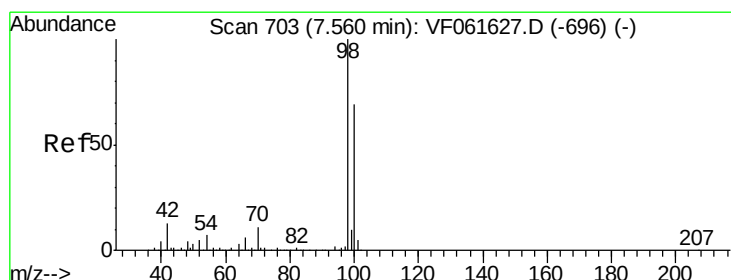
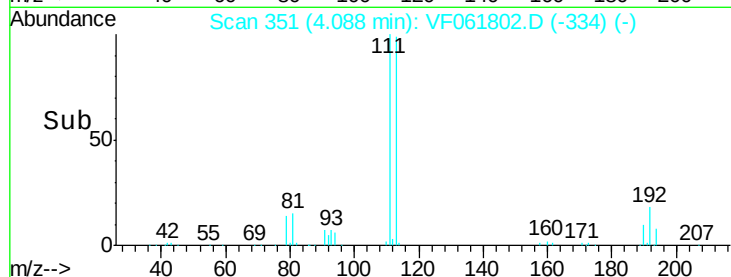
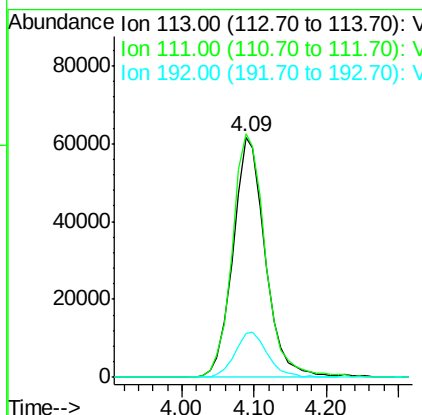
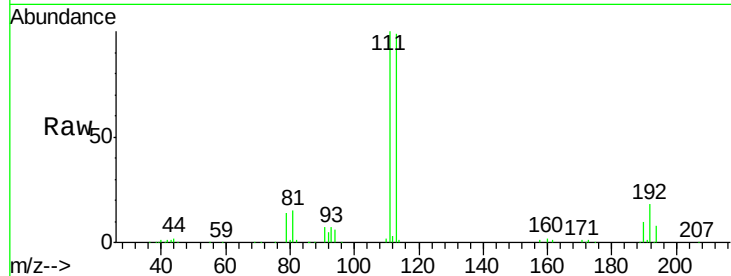
ClientSampleId :

VF0301SBL01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
111	101.4		78.8	118.2	
192	18.5		13.4	20.0	

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#50

Toluene-d8

Concen: 52.044 ug/l

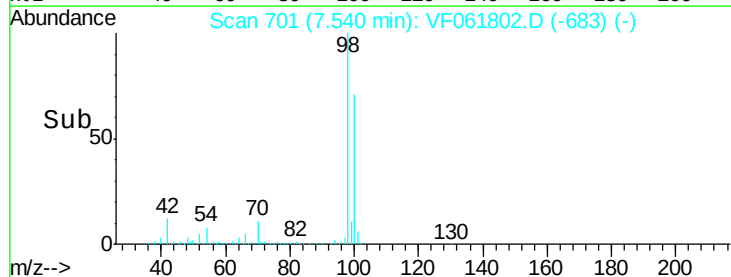
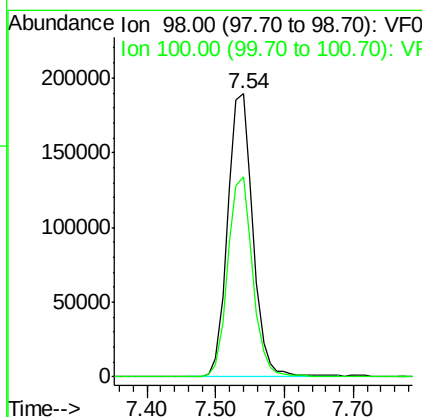
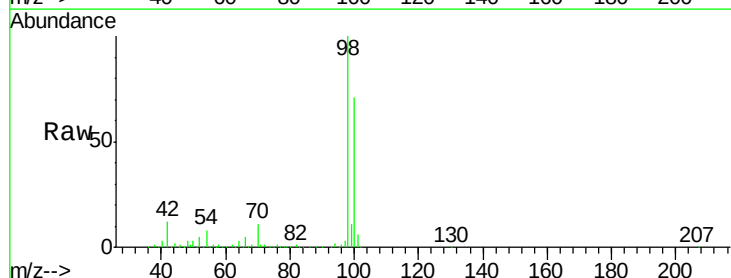
RT: 7.54 min Scan# 701

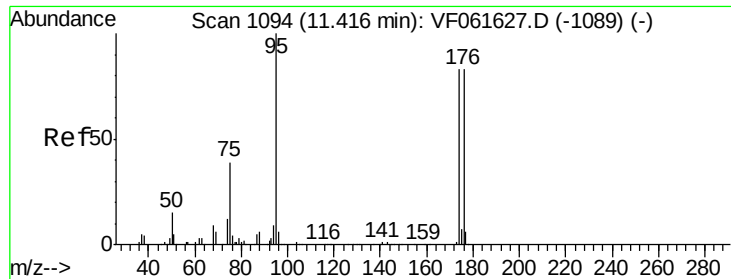
Delta R.T. -0.02 min

Lab File: VF061802.D

Acq: 1 Mar 2019 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
98	100				
100	70.6		55.4	83.2	





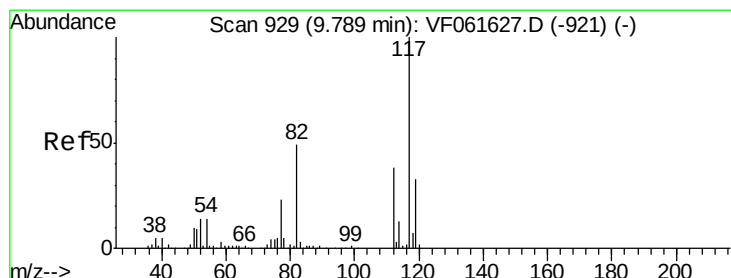
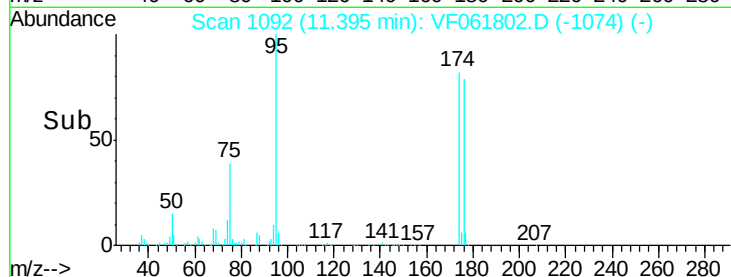
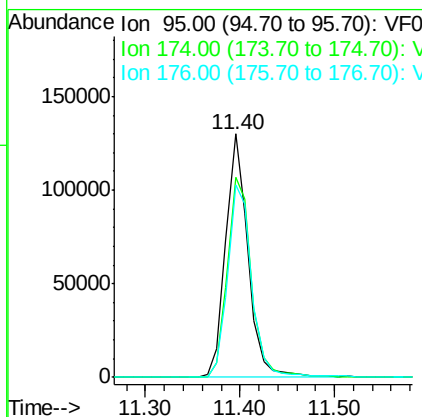
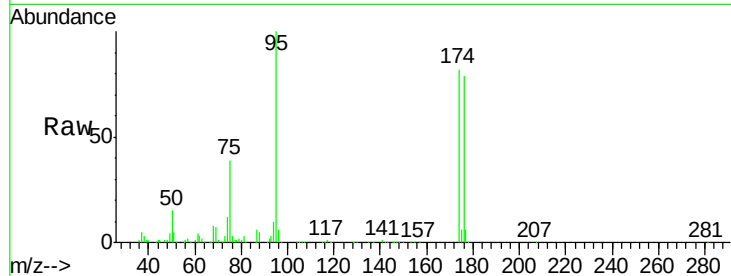
#62
4-Bromofluorobenzene
Concen: 57.045 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	213331		
174	82.0	0.0	165.8	
176	78.9	0.0	167.0	

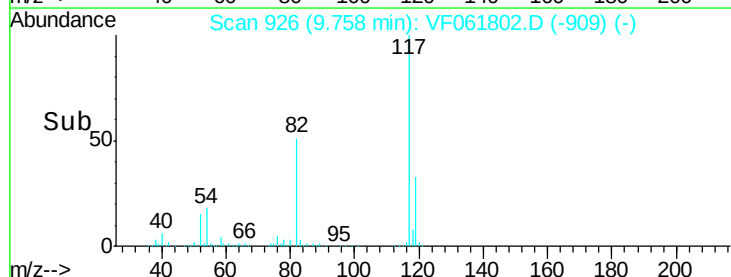
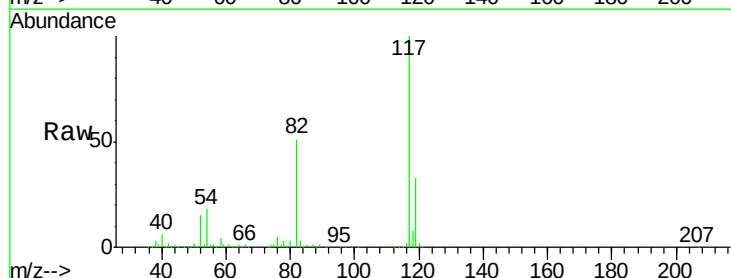
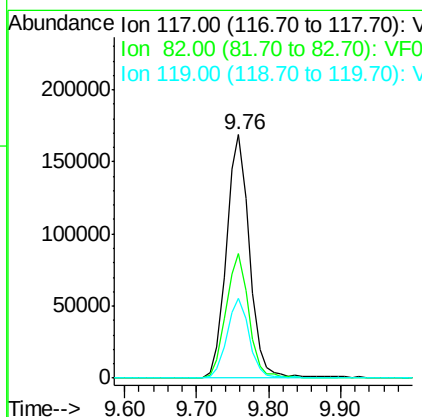
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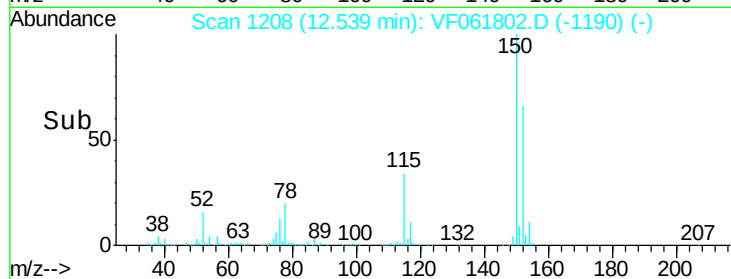
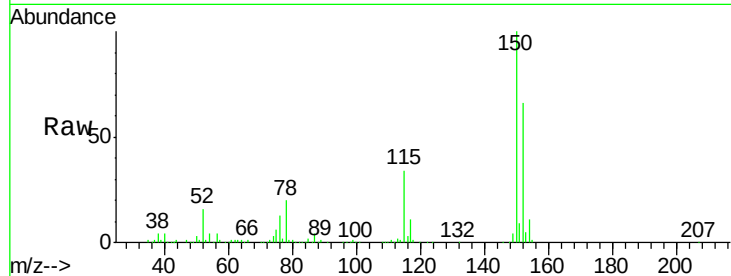
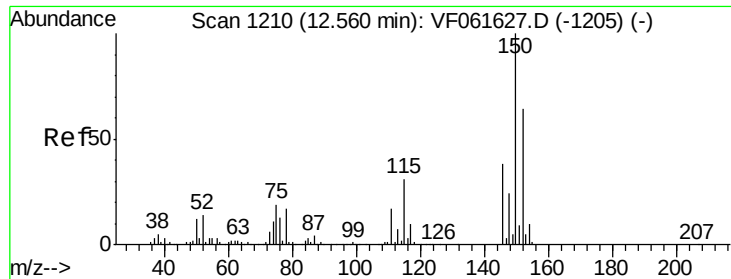
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	376611		
82	51.4	39.3	58.9	
119	32.7	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: VF061802.D
 Acq: 1 Mar 2019 14:49

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0301SBL01

Tot Ion	Ratio	Resp	Lower	Upper
152	100	226318		
115	51.2	24.3	72.8	
150	152.6	0.0	312.0	

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