

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
 Data File : VF061751.D
 Acq On : 26 Feb 2019 19:56
 Operator : VA/AP
 Sample : K1627-05
 Misc : 5.93g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-03-(0-2)

Manual Integrations
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Quant Time: Feb 27 04:42:11 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	4.84	168	305270	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	472209	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	332773	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.53	152	125306	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.81	65	107016	47.81	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	95.62%	
35) Dibromofluoromethane	4.08	113	160908	45.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	91.78%	
50) Toluene-d8	7.53	98	355477	35.26	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	70.52%	
62) 4-Bromofluorobenzene	11.39	95	121350	29.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.50%	
Target Compounds						
20) Methylene Chloride	2.16	84	27186m	8.469	ug/l	Qvalue

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

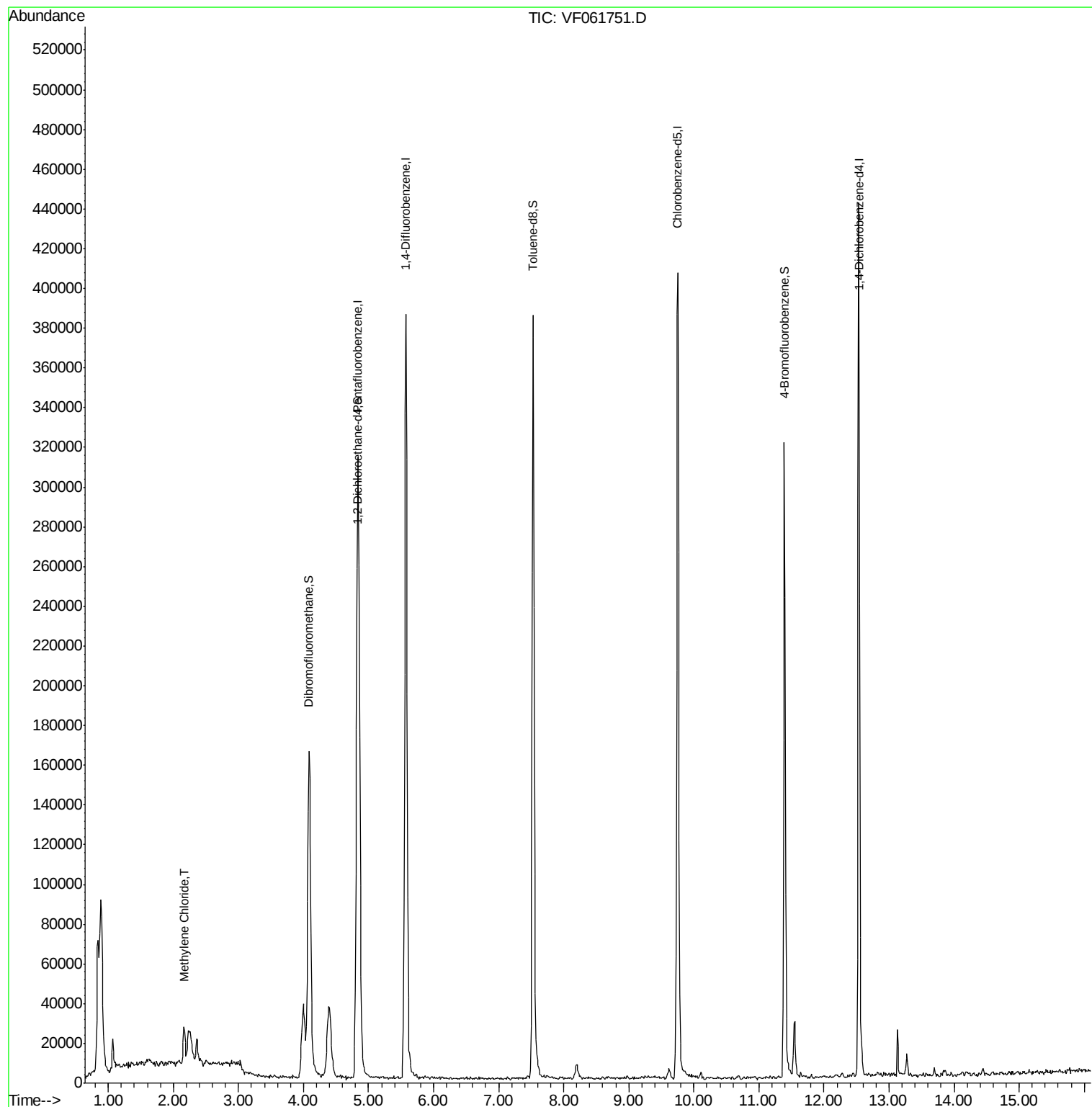
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022619\
Data File : VF061751.D
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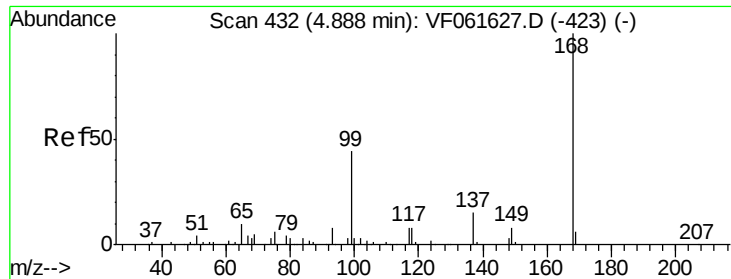
Instrument :
MSVOA_F
ClientSampleId :
SB-03-(0-2)

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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: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF061751.D

Acq: 26 Feb 2019 19:56

Instrument :

MSVOA_F

ClientSampled :

SB-03-(0-2)

Tot Ion:168 Resp: 305270

Ion Ratio Lower Upper

168 100

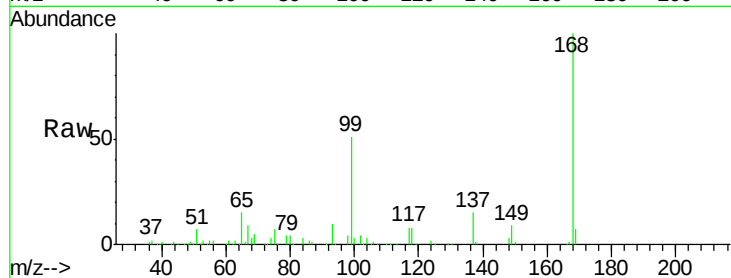
99 51.4 34.9 52.3

Manual Integrations

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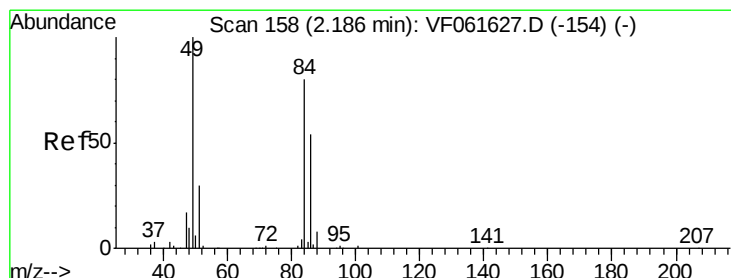
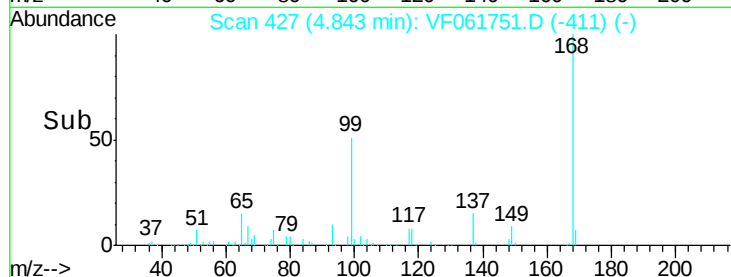
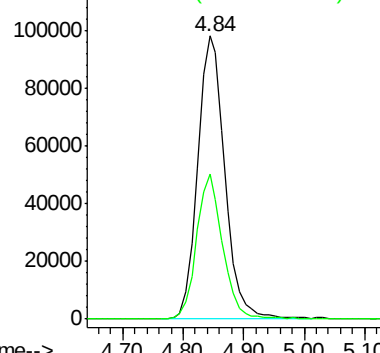
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 8.469 ug/l m

RT: 2.16 min Scan# 155

Delta R.T. -0.02 min

Lab File: VF061751.D

Acq: 26 Feb 2019 19:56

Tgt Ion: 84 Resp: 27186

Ion Ratio Lower Upper

84 100

49 131.0 101.8 152.8

51 44.4 31.1 46.7

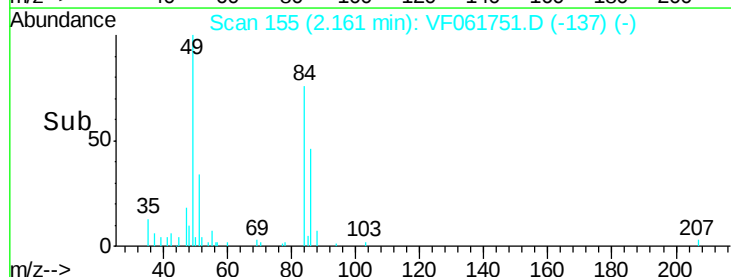
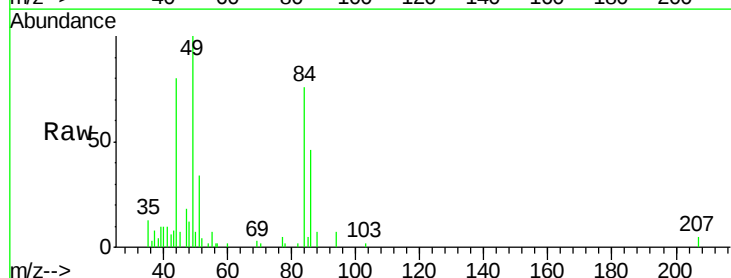
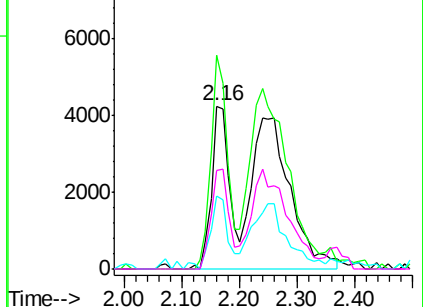
86 60.7 54.4 81.6

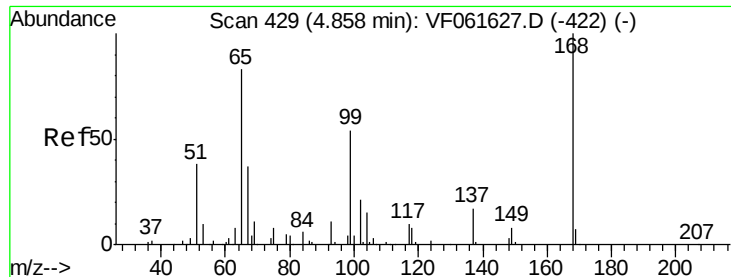
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





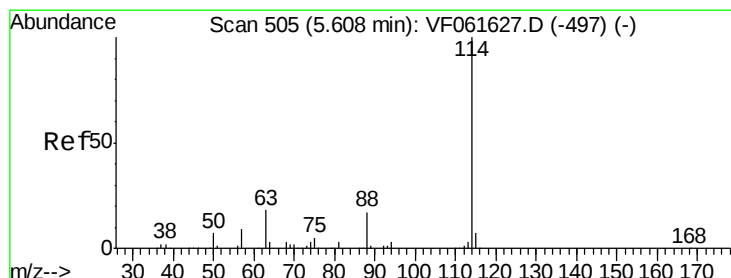
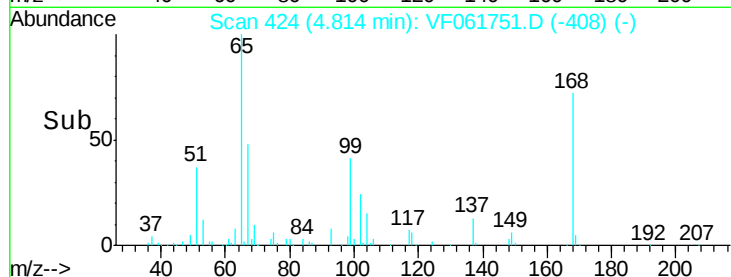
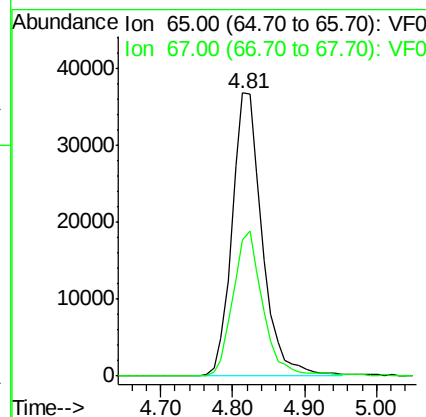
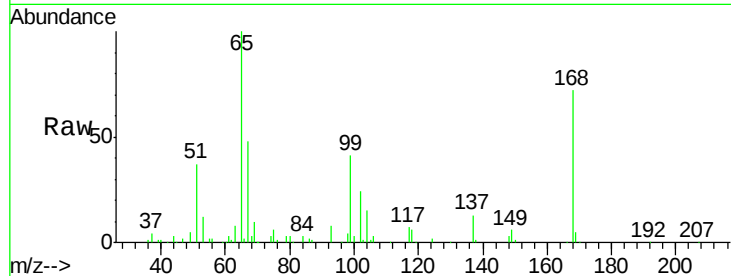
#33
 1,2-Dichloroethane-d4
 Concen: 47.805 ug/l
 RT: 4.81 min Scan# 424
 Delta R.T. -0.04 min
 Lab File: VF061751.D
 Acq: 26 Feb 2019 19:56

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-03-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	107016		
67	48.0	0.0	104.0	

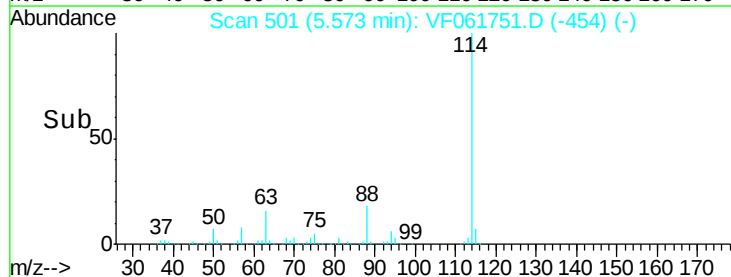
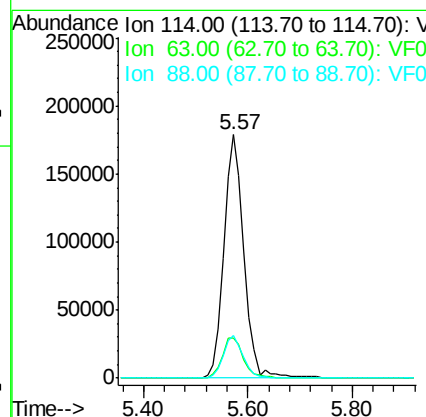
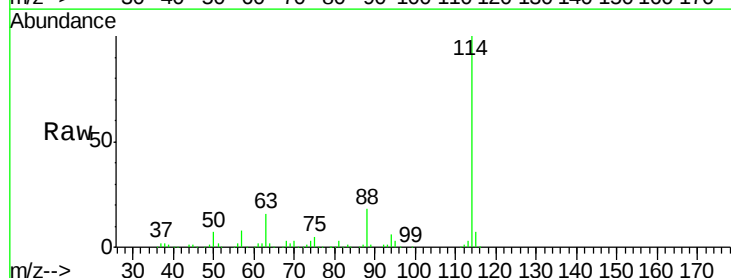
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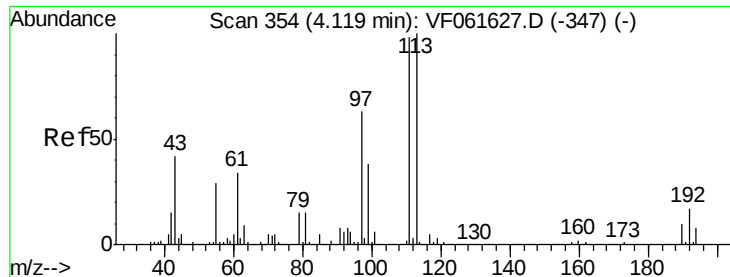
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.57 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: VF061751.D
 Acq: 26 Feb 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	472209		
63	16.4	0.0	36.6	
88	17.7	0.0	34.4	





#35

Dibromofluoromethane

Concen: 45.886 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.03 min

Lab File: VF061751.D

Acq: 26 Feb 2019 19:56

Instrument :

MSVOA_F

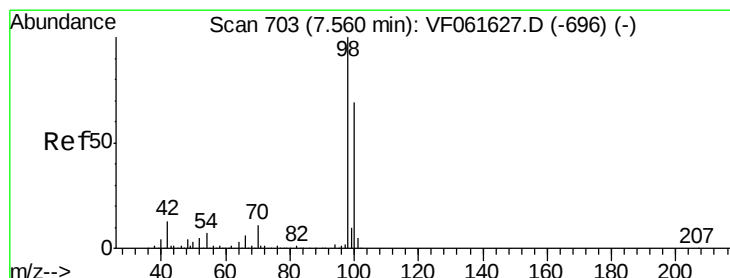
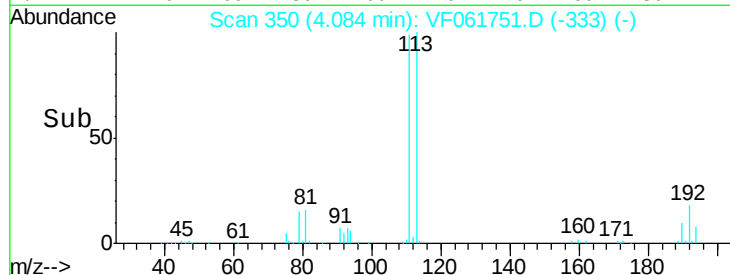
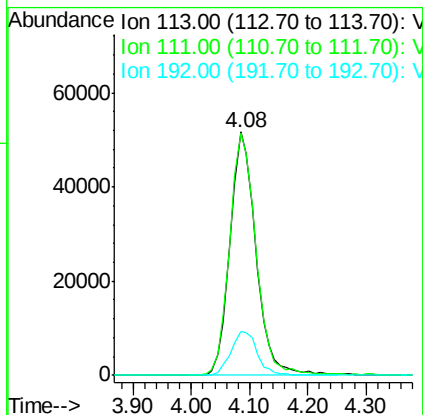
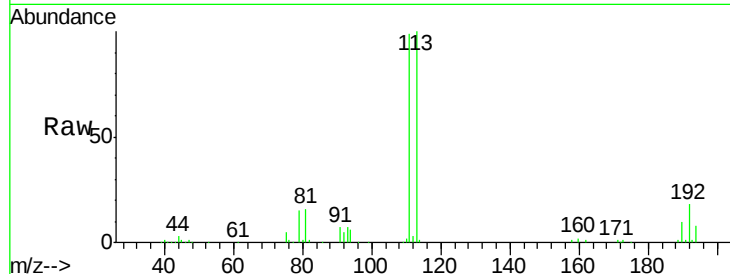
ClientSampleId :

SB-03-(0-2)

Tot Ion:	113	Resp:	160908
Ion Ratio	Lower	Upper	
113	100		
111	99.5	78.8	118.2
192	18.1	13.4	20.0

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#50

Toluene-d8

Concen: 35.263 ug/l

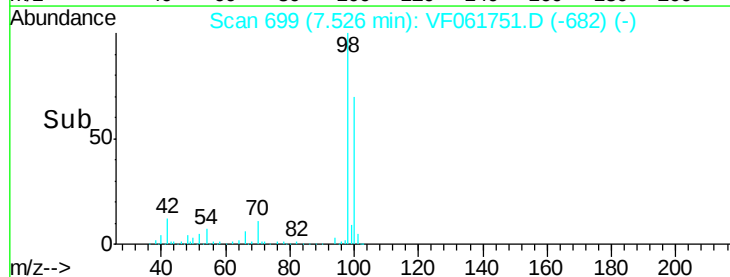
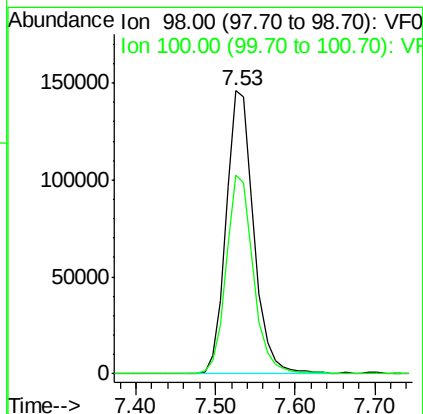
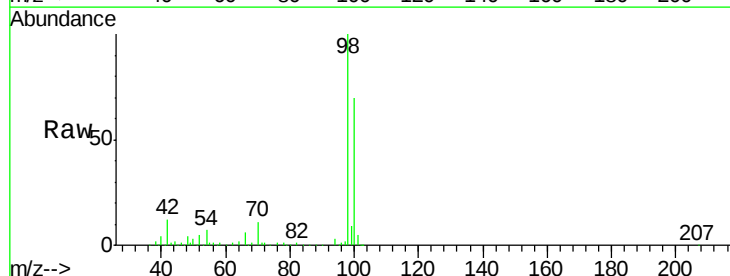
RT: 7.53 min Scan# 699

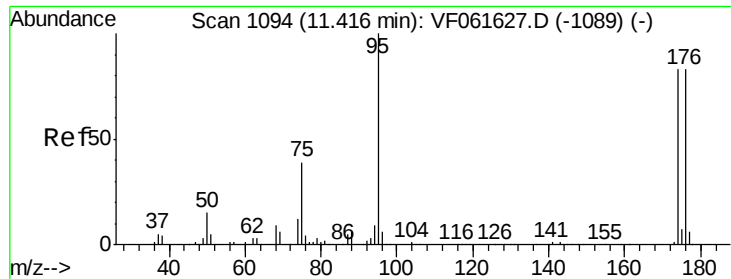
Delta R.T. -0.03 min

Lab File: VF061751.D

Acq: 26 Feb 2019 19:56

Tgt Ion:	98	Resp:	355477
Ion Ratio	Lower	Upper	
98	100		
100	70.3	55.4	83.2





#62

4-Bromofluorobenzene

Concen: 29.751 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VF061751.D

Acq: 26 Feb 2019 19:56

Instrument :

MSVOA_F

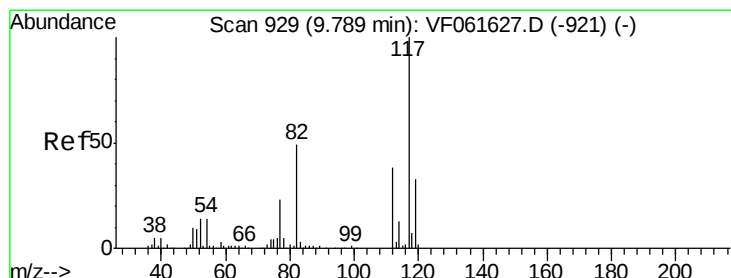
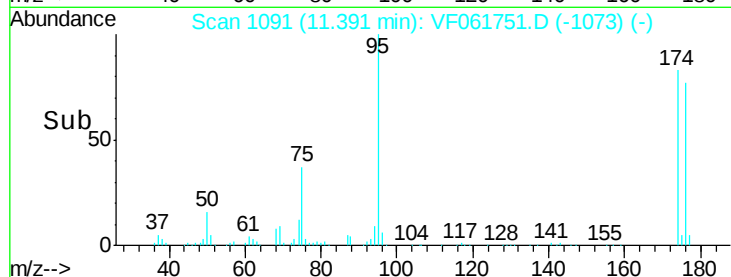
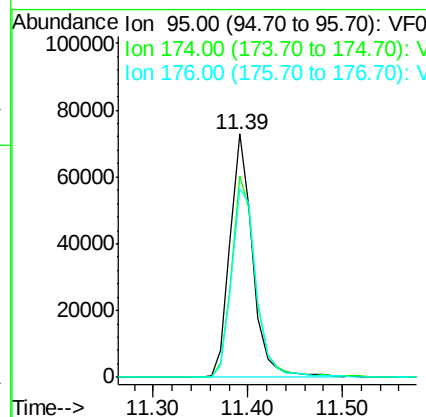
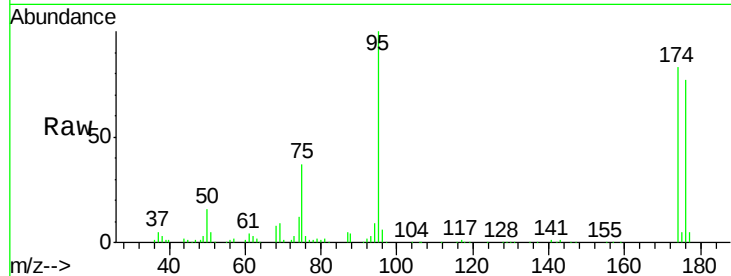
ClientSampled :

SB-03-(0-2)

Tot Ion:	95	Resp:	121350
Ion Ratio	Lower	Upper	
95	100		
174	82.8	0.0	165.8
176	77.2	0.0	167.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

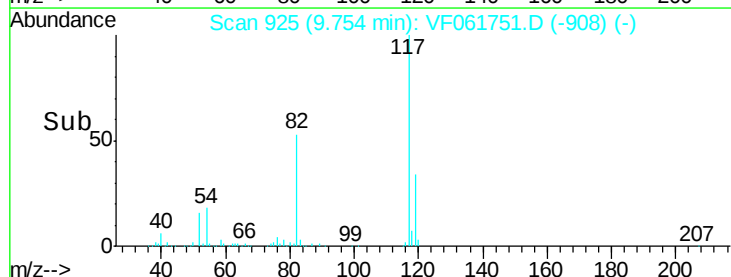
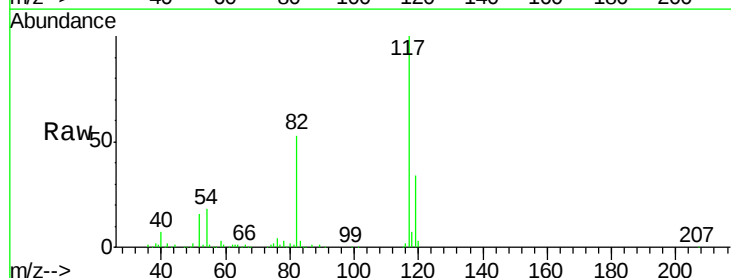
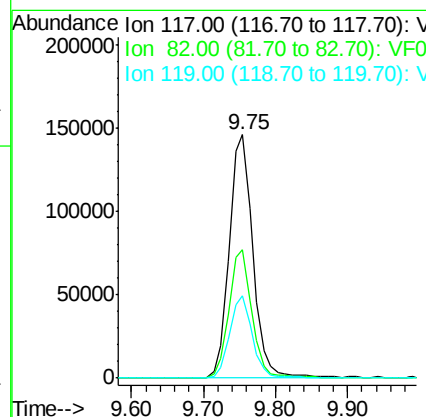
RT: 9.75 min Scan# 925

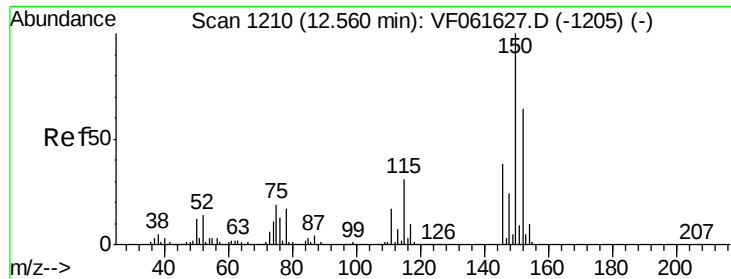
Delta R.T. -0.03 min

Lab File: VF061751.D

Acq: 26 Feb 2019 19:56

Tgt Ion:	117	Resp:	332773
Ion Ratio	Lower	Upper	
117	100		
82	52.5	39.3	58.9
119	33.9	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.53 min Scan# 1207

Delta R.T. -0.02 min

Lab File: VF061751.D

Acq: 26 Feb 2019 19:56

Instrument :

MSVOA_F

ClientSampleId :

SB-03-(0-2)

Tot Ion:152 Resp: 125306

Ion Ratio Lower Upper

152 100

115 50.8 24.3 72.8

150 152.9 0.0 312.0

Manual Integrations

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