

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110618\
 Data File : VF060619.D
 Acq On : 6 Nov 2018 18:23
 Operator : VA/AP
 Sample : J5767-07
 Misc : 6.45g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-110118-D

Manual Integrations
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 11/7/2018 11:21:41 AM

Quant Time: Nov 06 17:47:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	267646	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	456933	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.80	117	334171	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	119340	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	147091	54.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	4.13	113	178586	50.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	7.57	98	427095	40.84	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.68%	
62) 4-Bromofluorobenzene	11.43	95	150336	32.87	ug/l	0.01
Spiked Amount 50.000			Recovery	=	65.74%	
Target Compounds						
20) Methylene Chloride	2.19	84	16775m	3.833	ug/l	Qvalue

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

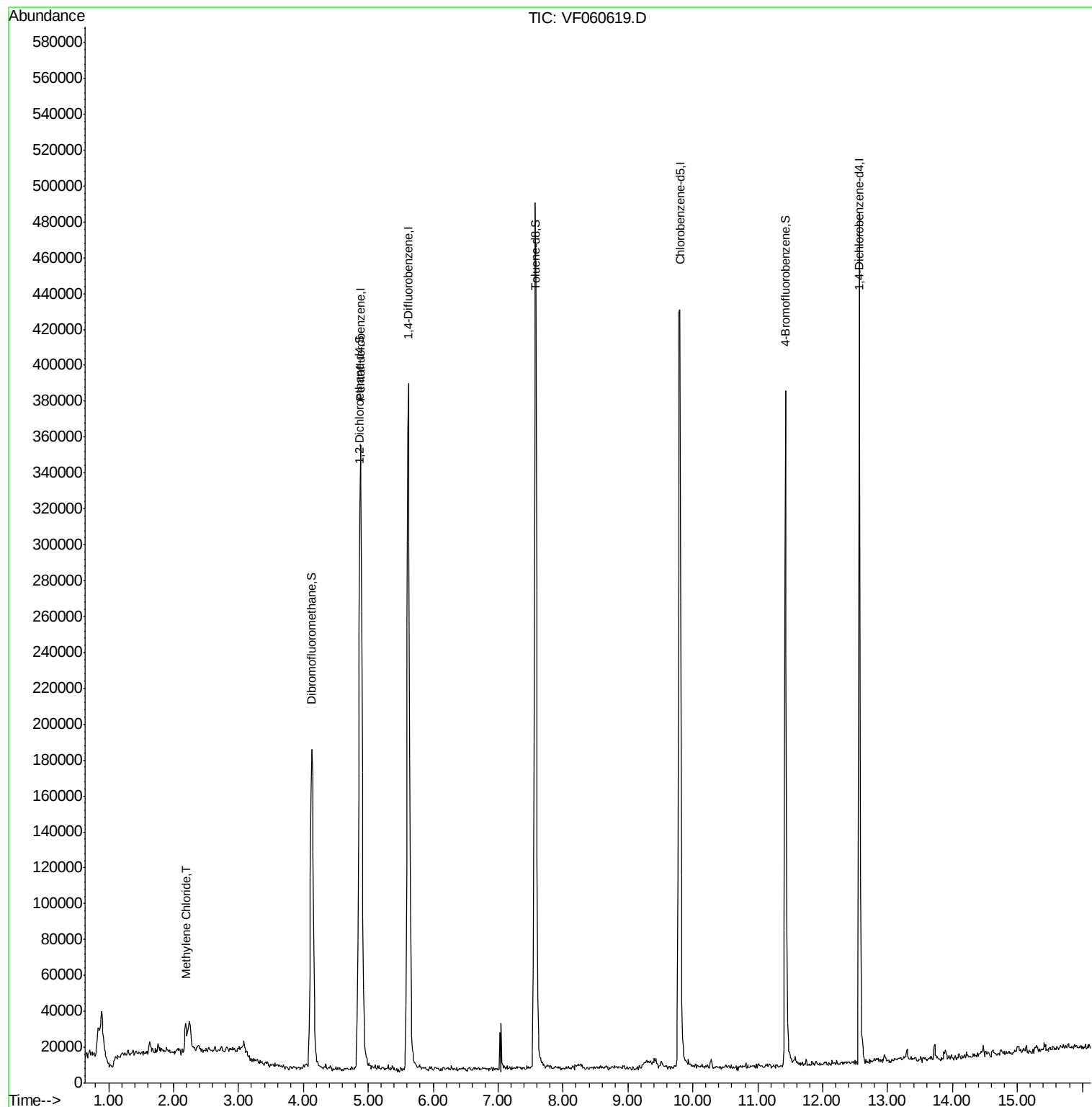
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110618\
Data File : VF060619.D
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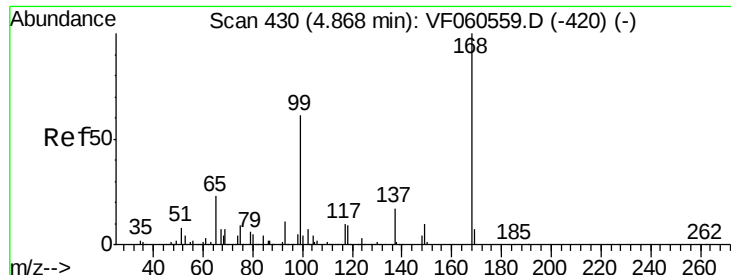
Instrument :
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Quant Time: Nov 06 17:47:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF060619.D

Acq: 6 Nov 2018 18:23

Instrument :

MSVOA_F

ClientSampleId :

CL-02-110118-D

Tot Ion:168 Resp: 267646

Ion Ratio Lower Upper

168 100

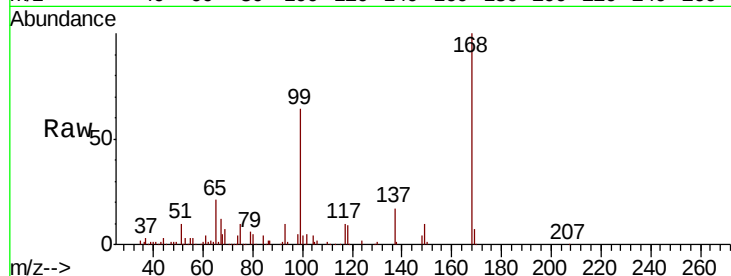
99 64.1 48.6 72.8

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.89

80000

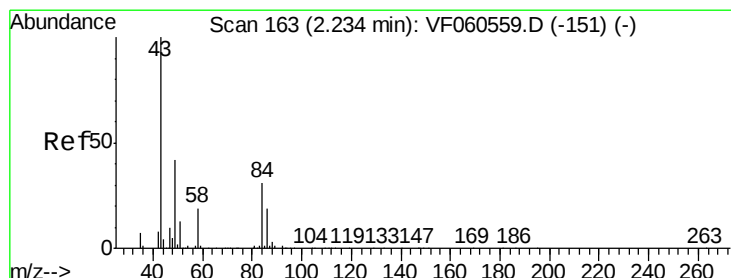
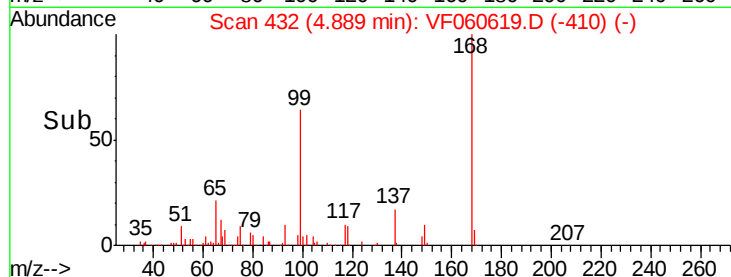
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.833 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. -0.05 min

Lab File: VF060619.D

Acq: 6 Nov 2018 18:23

Tgt Ion: 84 Resp: 16775

Ion Ratio Lower Upper

84 100

49 142.1 109.9 164.9

51 49.4 35.8 53.8

86 66.5 48.3 72.5

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

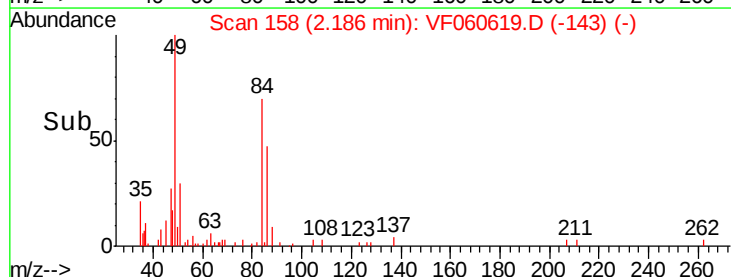
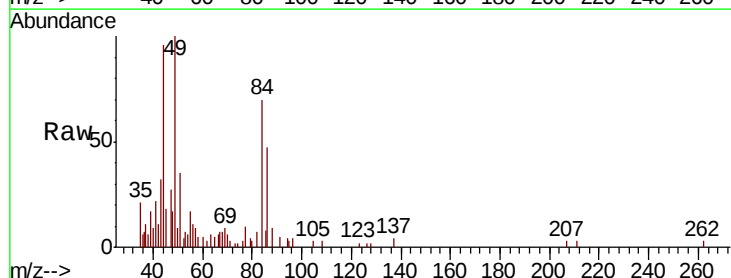
6000

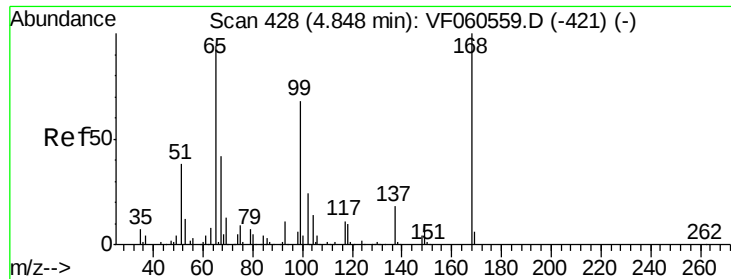
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.393 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.01 min

Lab File: VF060619.D

Acq: 6 Nov 2018 18:23

Instrument :

MSVOA_F

ClientSampleId :

CL-02-110118-D

Tot Ion: 65 Resp: 147091

Ion Ratio Lower Upper

65 100

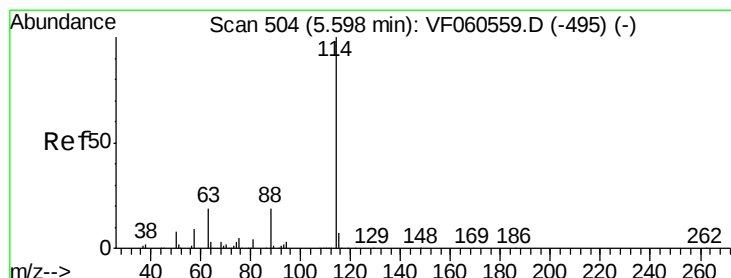
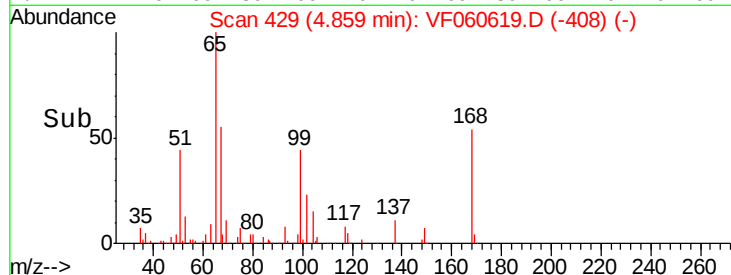
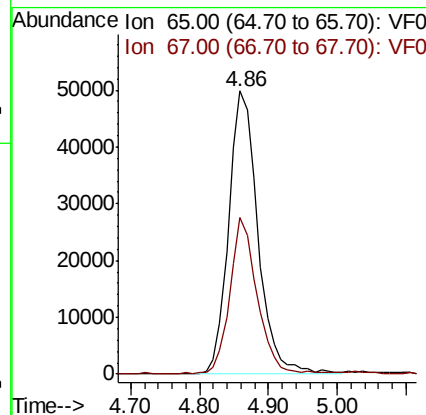
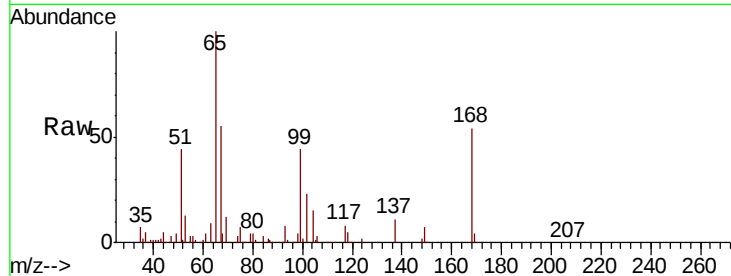
67 55.3 0.0 101.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. 0.02 min

Lab File: VF060619.D

Acq: 6 Nov 2018 18:23

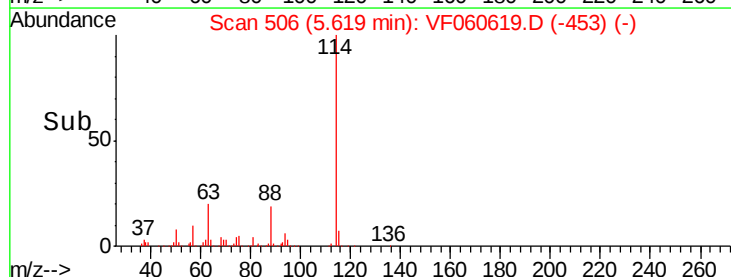
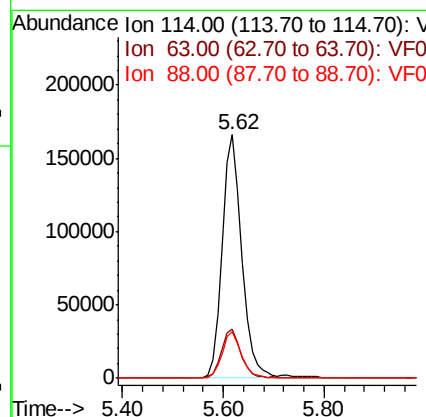
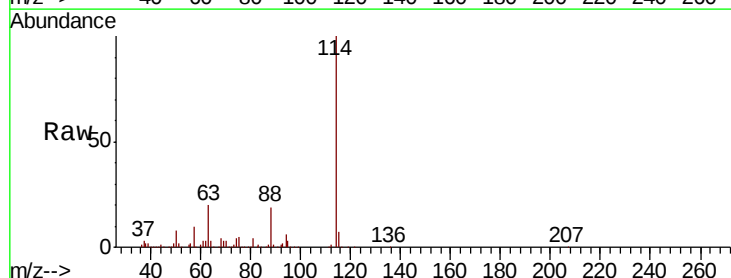
Tgt Ion: 114 Resp: 456933

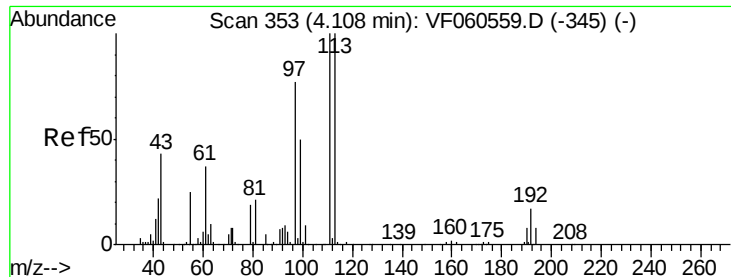
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.0

88 19.2 0.0 38.2





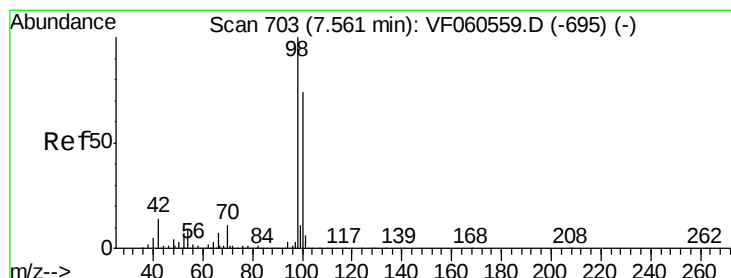
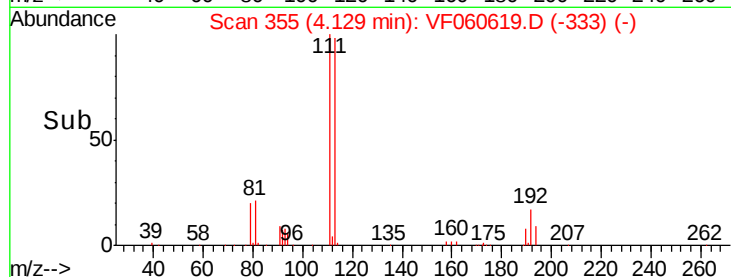
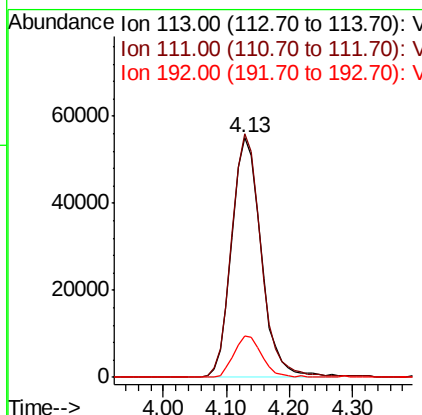
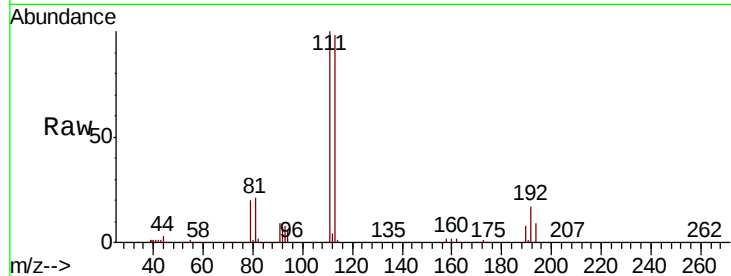
#35
Dibromofluoromethane
Concen: 50.587 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF060619.D
Acq: 6 Nov 2018 18:23

Instrument :
MSVOA_F
ClientSampleId :
CL-02-110118-D

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	79.9	119.9
192	17.3	13.3	19.9

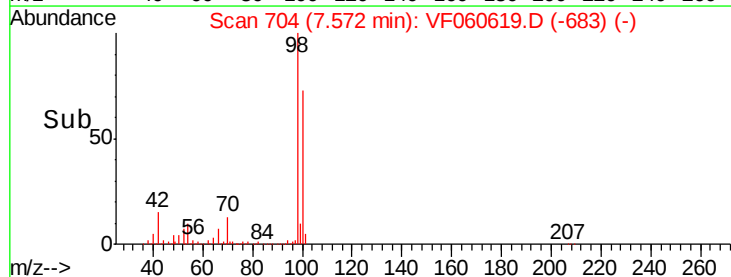
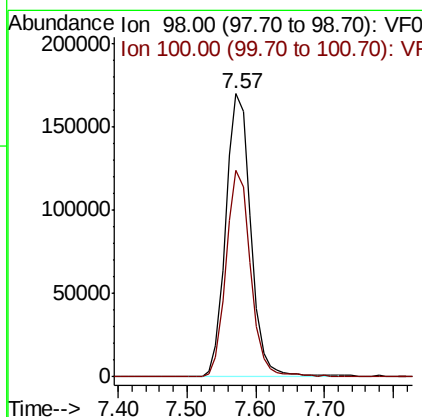
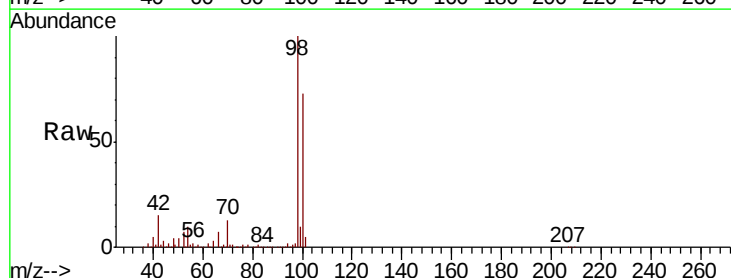
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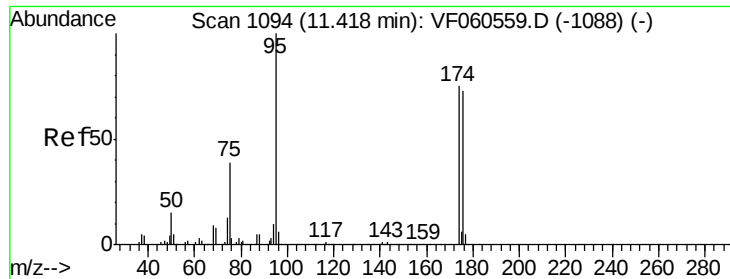
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#50
Toluene-d8
Concen: 40.840 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF060619.D
Acq: 6 Nov 2018 18:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	73.1	59.4	89.2





#62

4-Bromofluorobenzene

Concen: 32.865 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. 0.01 min

Lab File: VF060619.D

Acq: 6 Nov 2018 18:23

Instrument :

MSVOA_F

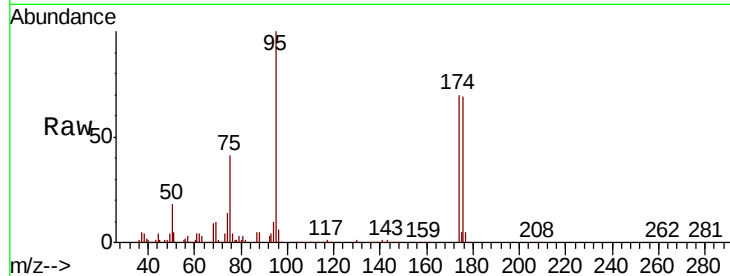
ClientSampleId :

CL-02-110118-D

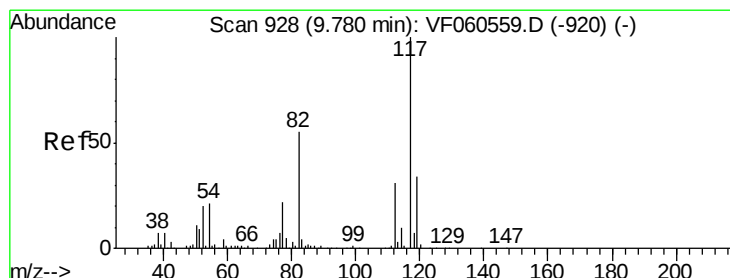
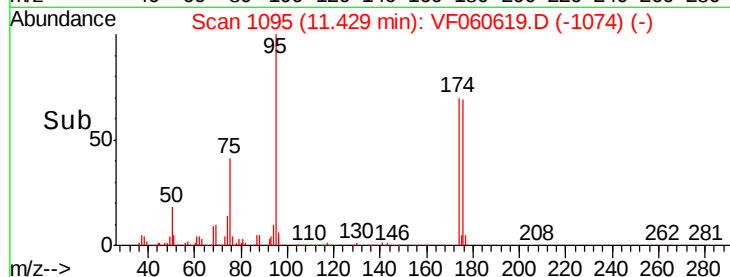
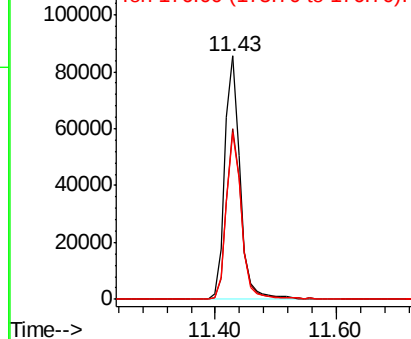
Tot Ion:	95	Resp:	150336
Ion Ratio	Lower	Upper	
95	100		
174	70.0	0.0	149.0
176	68.5	0.0	145.6

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Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

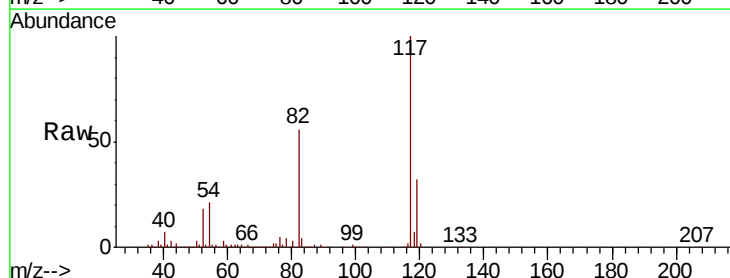
RT: 9.80 min Scan# 930

Delta R.T. 0.02 min

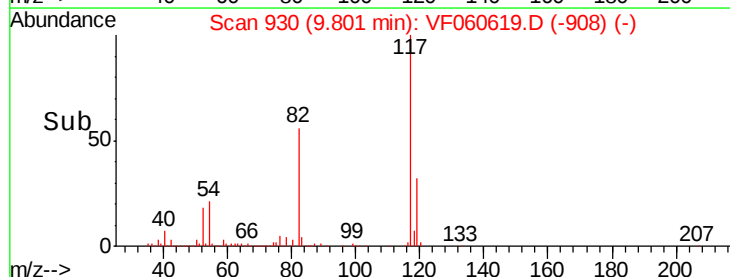
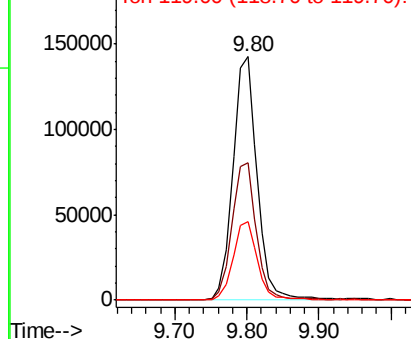
Lab File: VF060619.D

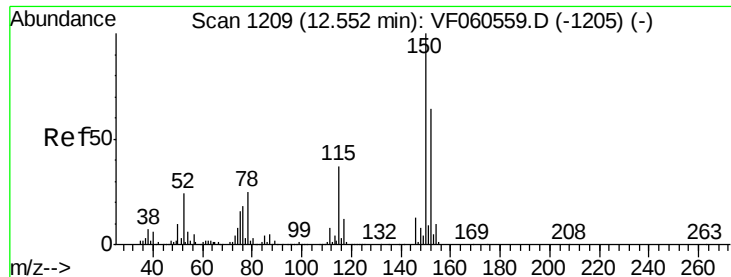
Acq: 6 Nov 2018 18:23

Tgt Ion:	117	Resp:	334171
Ion Ratio	Lower	Upper	
117	100		
82	56.2	43.9	65.9
119	32.5	27.4	41.0



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VF060619.D

Acq: 6 Nov 2018 18:23

Instrument :

MSVOA_F

ClientSampleId :

CL-02-110118-D

Tot Ion:	152	Resp:	119340
Ion Ratio	Lower	Upper	
152	100		
115	61.1	29.6	88.8
150	154.2	0.0	315.6

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