

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059531.D
 Acq On : 19 Jul 2018 00:00
 Operator : VA/AP
 Sample : J4035-13
 Misc : 5.79g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 5-B

Manual Integrations
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 7/19/2018 10:18:40 AM

Quant Time: Jul 19 05:41:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	218098	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.74	114	340833	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.90	117	338559	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	197865	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	163793	48.29	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	96.58%	
35) Dibromofluoromethane	4.28	113	139581	47.29	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	7.70	98	282566	38.00	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	76.00%	
62) 4-Bromofluorobenzene	11.50	95	155968	39.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.96%	
Target Compounds						
16) Acetone	2.33	43	20532	14.57	ug/l	Qvalue 94
20) Methylene Chloride	2.27	84	24052m	12.26	ug/l	

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

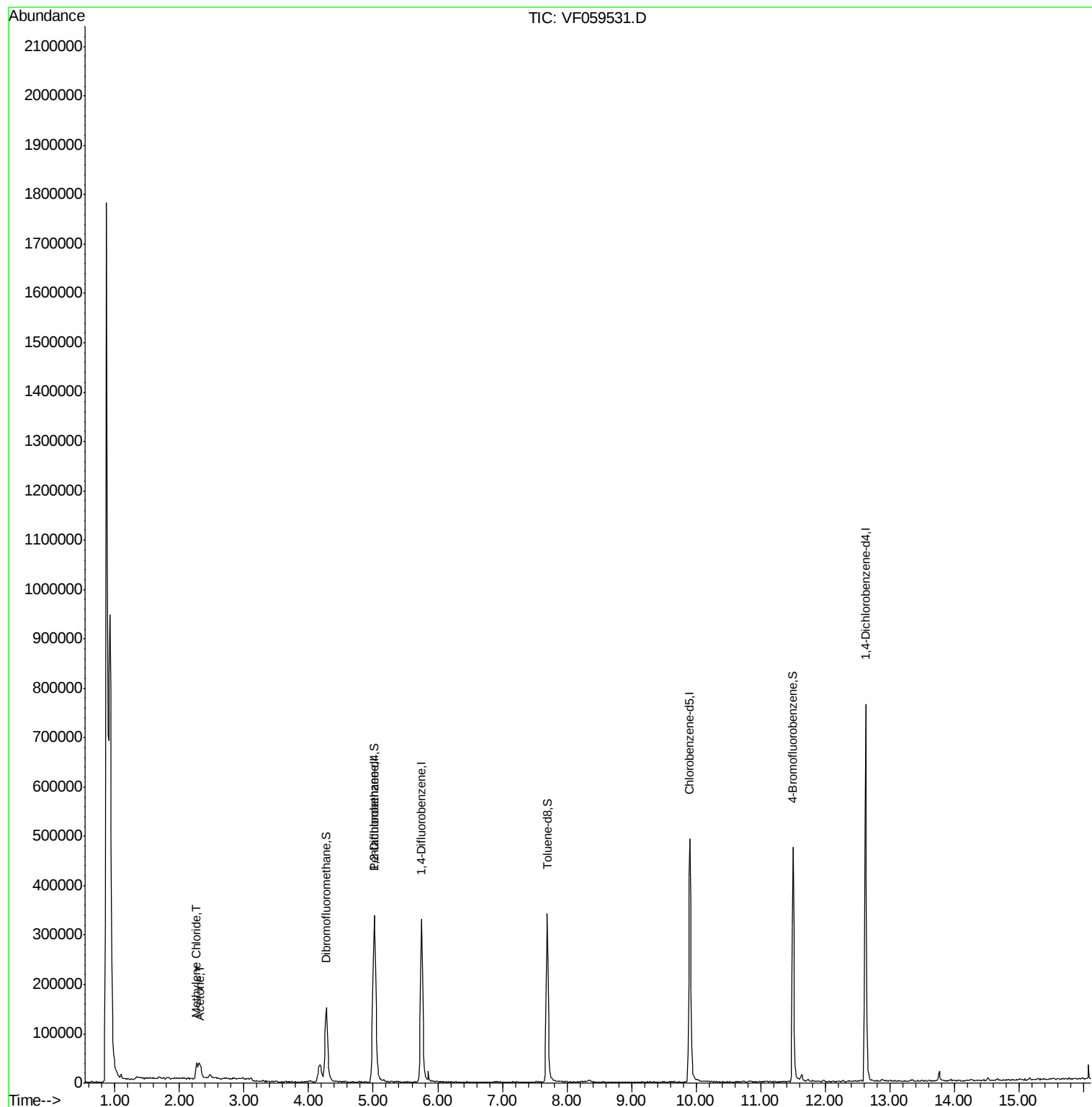
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071818\
Data File : VF059531.D
Acq On : 19 Jul 2018 00:00
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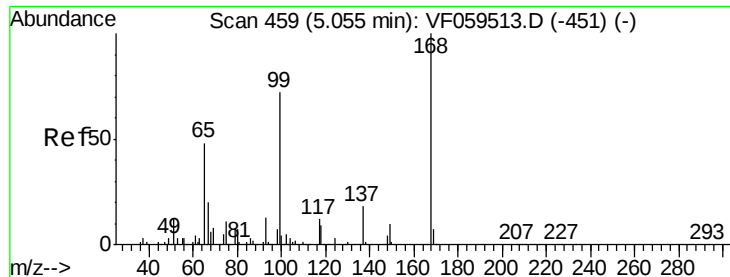
Instrument :
MSVOA_F
ClientSampleId :
5-B

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Quant Time: Jul 19 05:41:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.03 min

Lab File: VF059513.D

Acq: 19 Jul 2018 00:00

Instrument :

MSVOA_F

ClientSampled :

5-B

Tot Ion:168 Resp: 218098

Ion Ratio Lower Upper

168 100

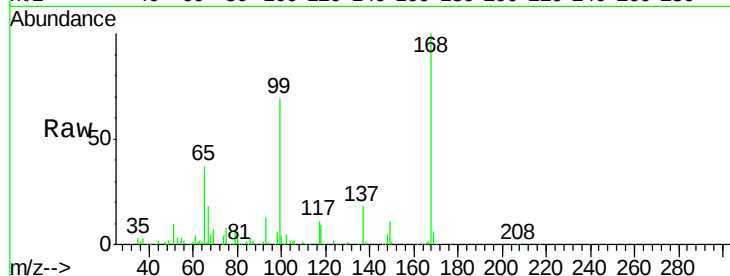
99 68.6 57.6 86.4

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

80000

60000

40000

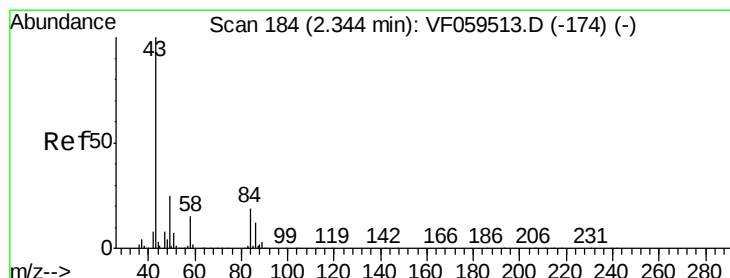
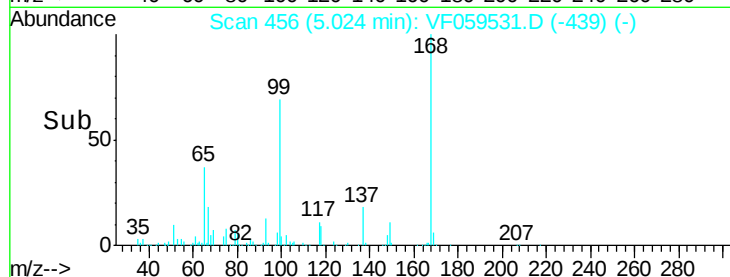
20000

0

5.02

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 14.57 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF059513.D

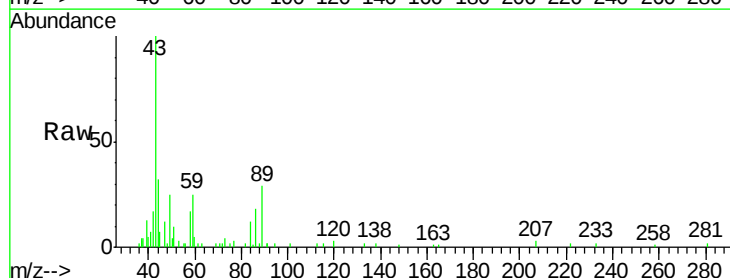
Acq: 19 Jul 2018 00:00

Tgt Ion: 43 Resp: 20532

Ion Ratio Lower Upper

43 100

58 17.2 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8000

6000

4000

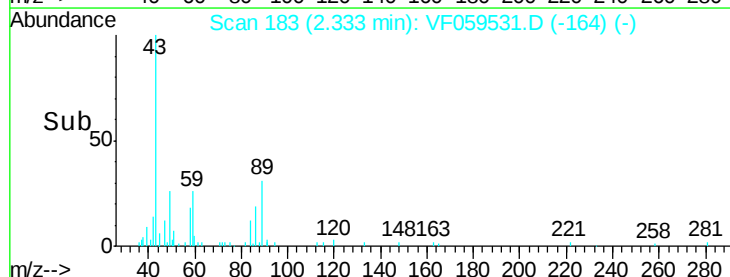
2000

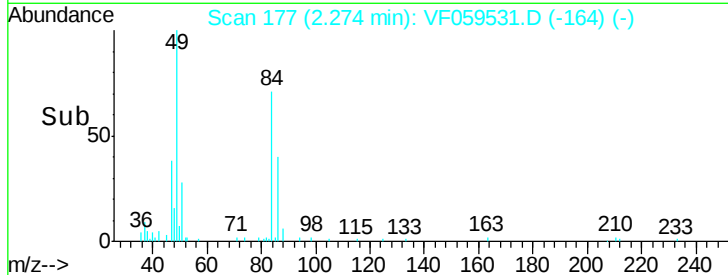
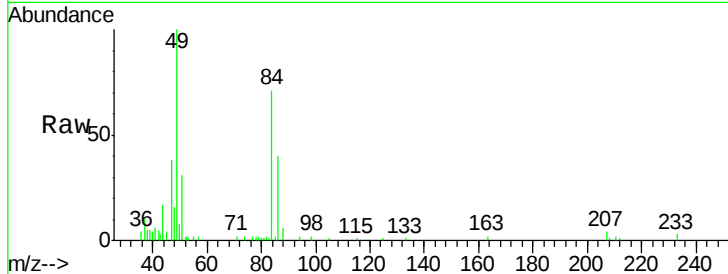
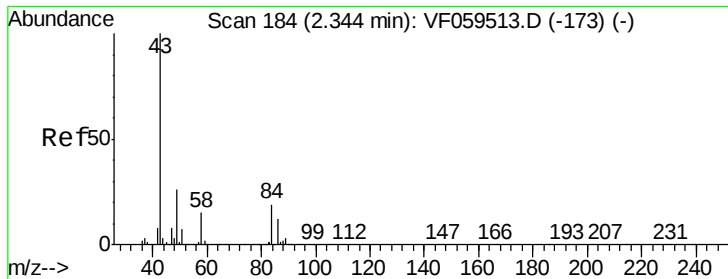
0

2.33

2.30 2.40

Time-->





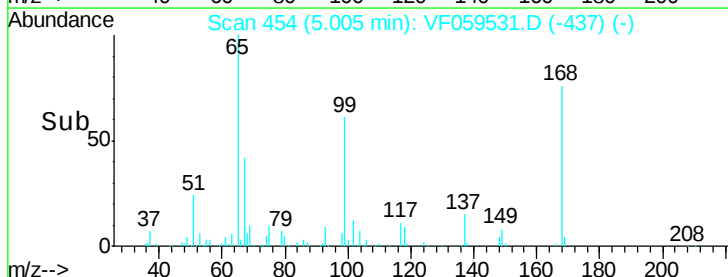
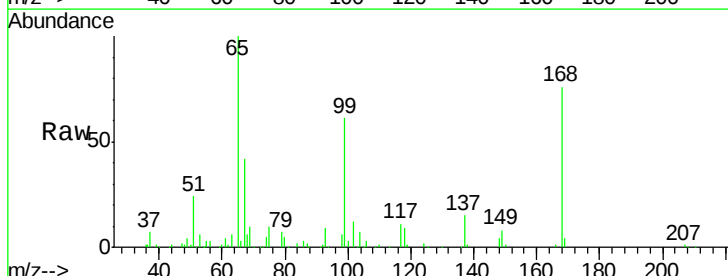
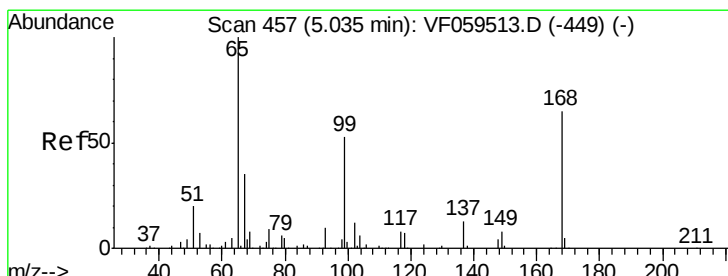
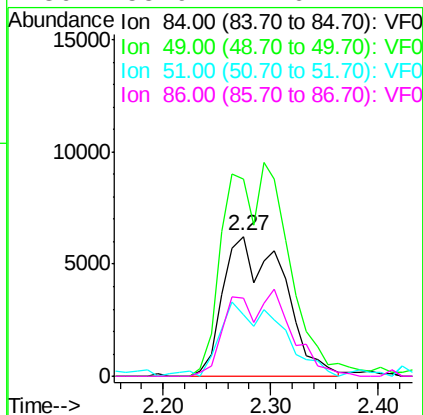
#20
Methvlene Chloride
Concen: 12.26 ug/l m
RT: 2.27 min Scan# 177
Delta R.T. -0.07 min
Lab File: VF059513.D
Acq: 19 Jul 2018 00:00

Tot Ion:	84	Resp:	24052
Ion Ratio	Lower	Upper	
84	100		
49	141.0	109.4	164.2
51	43.4	30.5	45.7
86	55.9	47.6	71.4

Instrument :
MSVOA_F
ClientSampled :
5-B

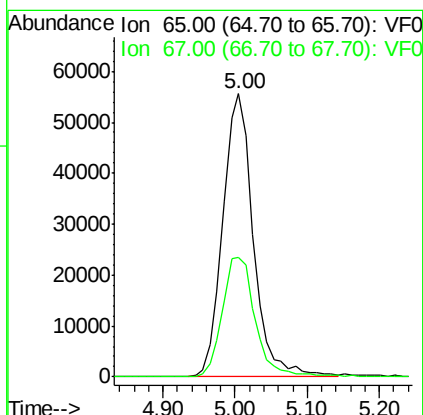
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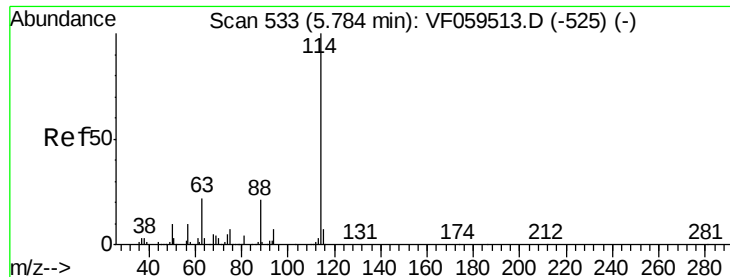
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#33
1,2-Dichloroethane-d4
Concen: 48.29 ug/l
RT: 5.00 min Scan# 454
Delta R.T. -0.03 min
Lab File: VF059513.D
Acq: 19 Jul 2018 00:00

Tgt Ion:	65	Resp:	163793
Ion Ratio	Lower	Upper	
65	100		
67	42.3	0.0	91.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. -0.04 min

Lab File: VF059513.D

Acq: 19 Jul 2018 00:00

Instrument :

MSVOA_F

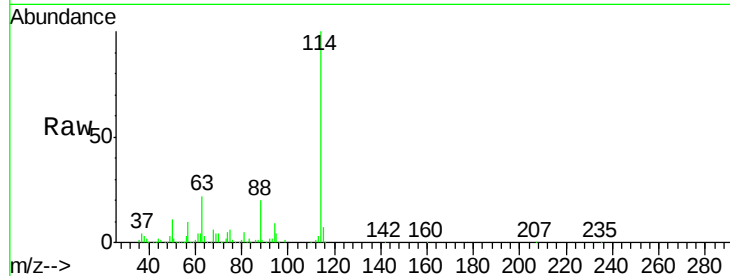
ClientSampled :

5-B

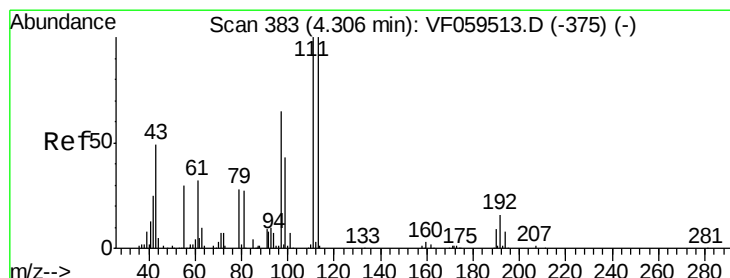
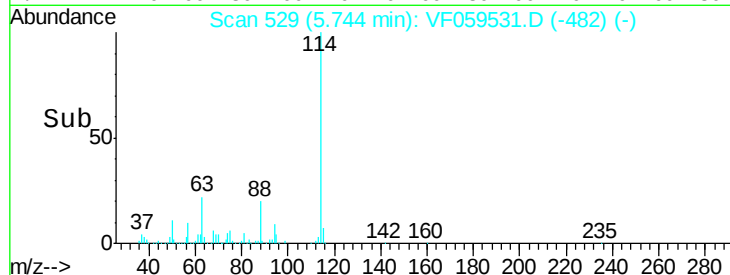
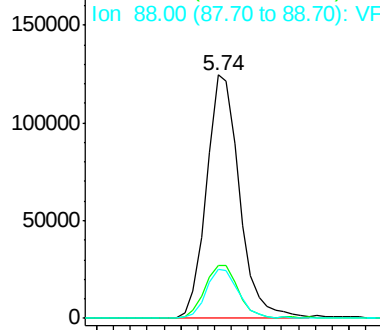
Tot Ion:	114	Resp:	340833
Ion Ratio		Lower	Upper
114	100		
63	21.7	0.0	44.8
88	19.9	0.0	42.6

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Abundance Ion 114.00 (113.70 to 114.70): V



#35

Dibromofluoromethane

Concen: 47.29 ug/l

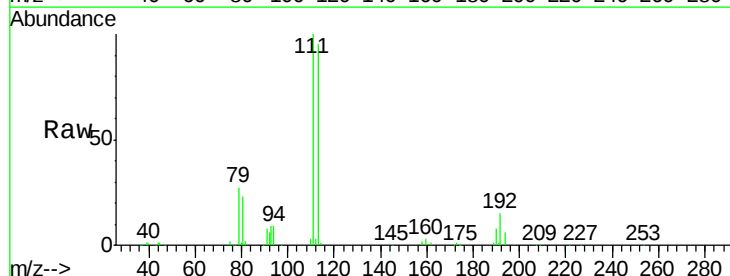
RT: 4.28 min Scan# 380

Delta R.T. -0.03 min

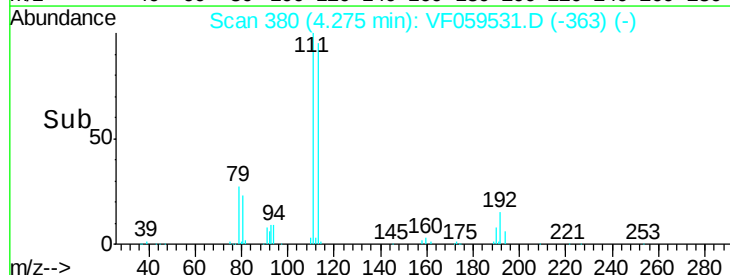
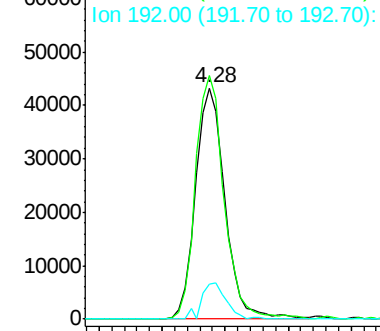
Lab File: VF059513.D

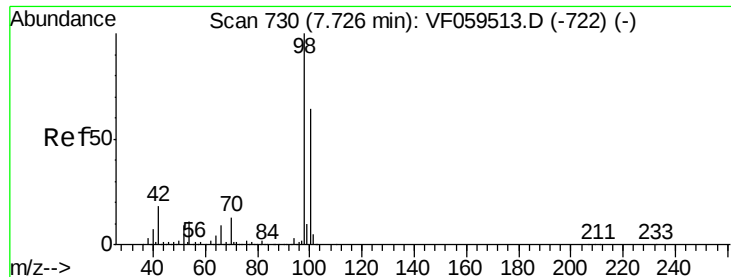
Acq: 19 Jul 2018 00:00

Tgt Ion:	113	Resp:	139581
Ion Ratio		Lower	Upper
113	100		
111	105.3	80.3	120.5
192	15.4	13.1	19.7



Abundance Ion 113.00 (112.70 to 113.70): V





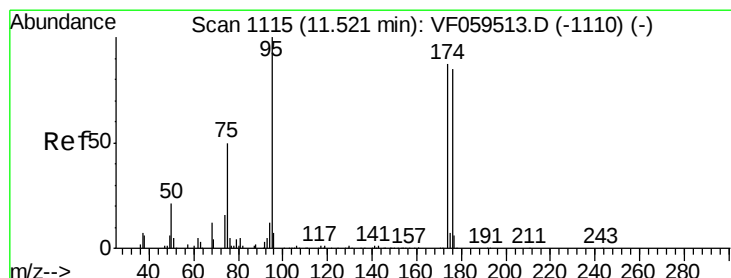
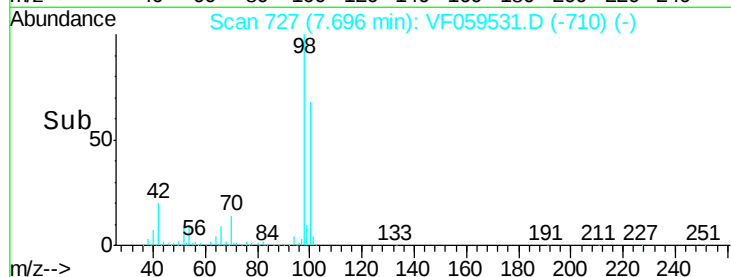
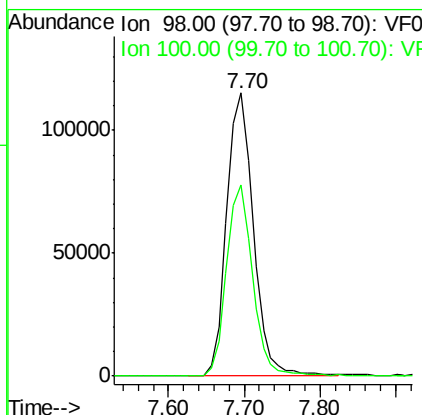
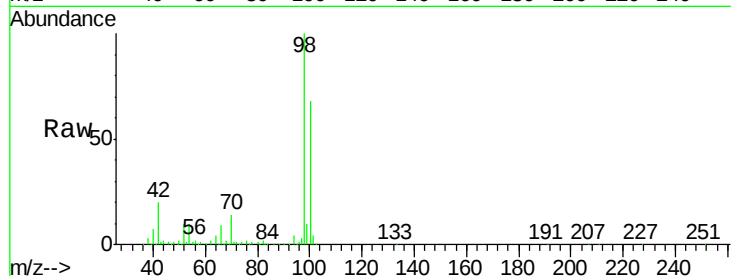
#50
Toluene-d8
Concen: 38.00 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Instrument :
MSVOA_F
ClientSampleId :
5-B

Tot Ion: 98 Resp: 282566
Ion Ratio Lower Upper
98 100
100 67.8 50.9 76.3

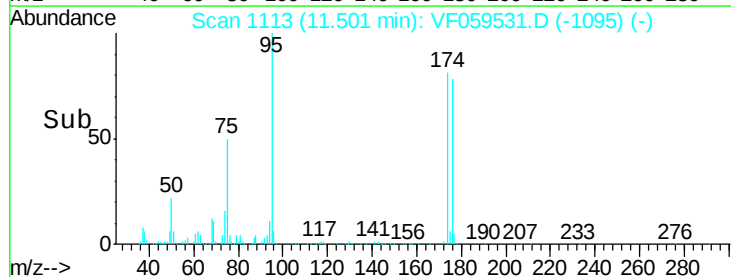
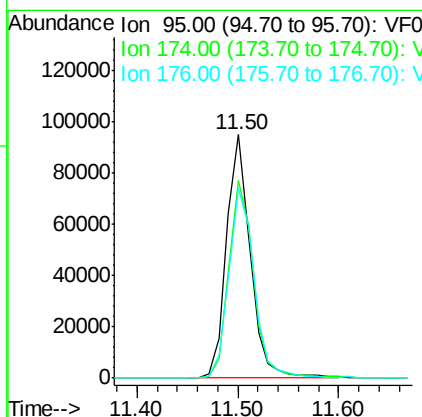
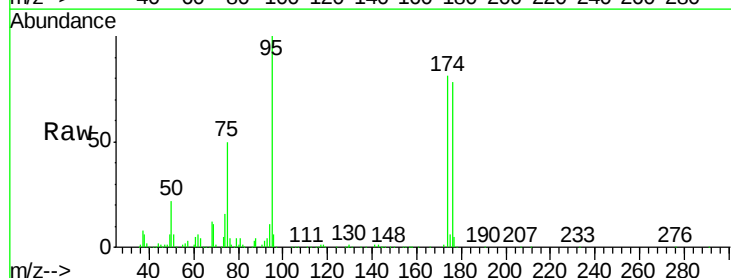
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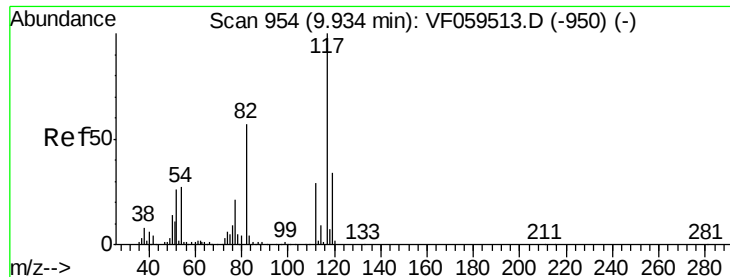
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#62
4-Bromofluorobenzene
Concen: 39.98 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Tgt Ion: 95 Resp: 155968
Ion Ratio Lower Upper
95 100
174 81.1 0.0 174.4
176 78.0 0.0 169.4





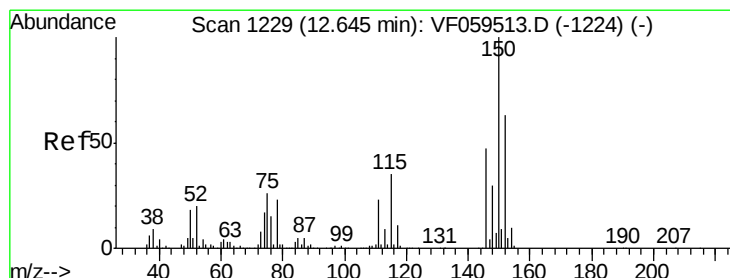
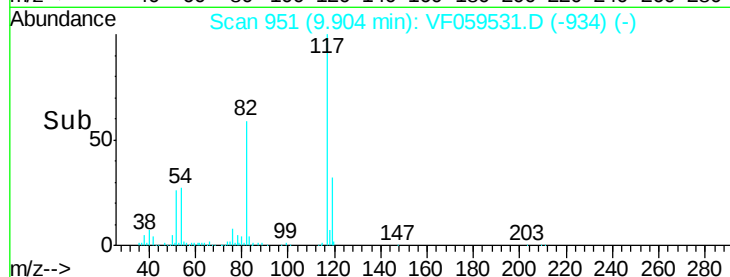
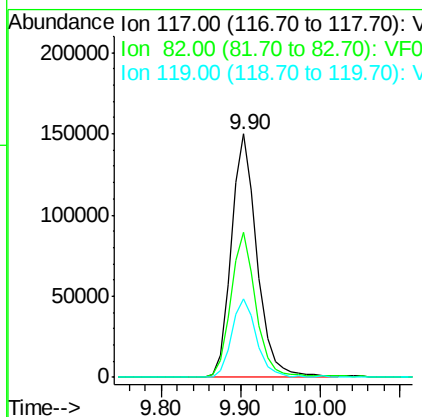
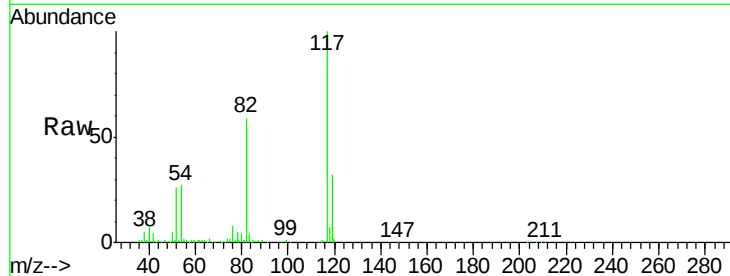
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Instrument :
MSVOA_F
ClientSampleId :
5-B

Tot Ion	Ratio	Resp	Lower	Upper
117	100	338559		
82	59.5		46.1	69.1
119	32.5		27.2	40.8

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	197865		
115	61.0		27.8	83.3
150	151.2		0.0	318.4

