

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061328.D
 Acq On : 10 Jan 2019 6:04
 Operator : VA/AP
 Sample : K1006-19
 Misc : 6.97g/5mL/MSVOA-F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-010819-J

Manual Integrations
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 1/10/2019 3:33:12 PM

Quant Time: Jan 10 07:10:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	120774	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	217746	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	193679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	103493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	84494	62.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.70%	
35) Dibromofluoromethane	4.13	113	86441	51.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.76%	
50) Toluene-d8	7.57	98	191851	38.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.82%	
62) 4-Bromofluorobenzene	11.42	95	103947	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
Target Compounds						
16) Acetone	2.25	43	7273m	23.258	ug/l	Qvalue
20) Methylene Chloride	2.20	84	5709m	4.315	ug/l	

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

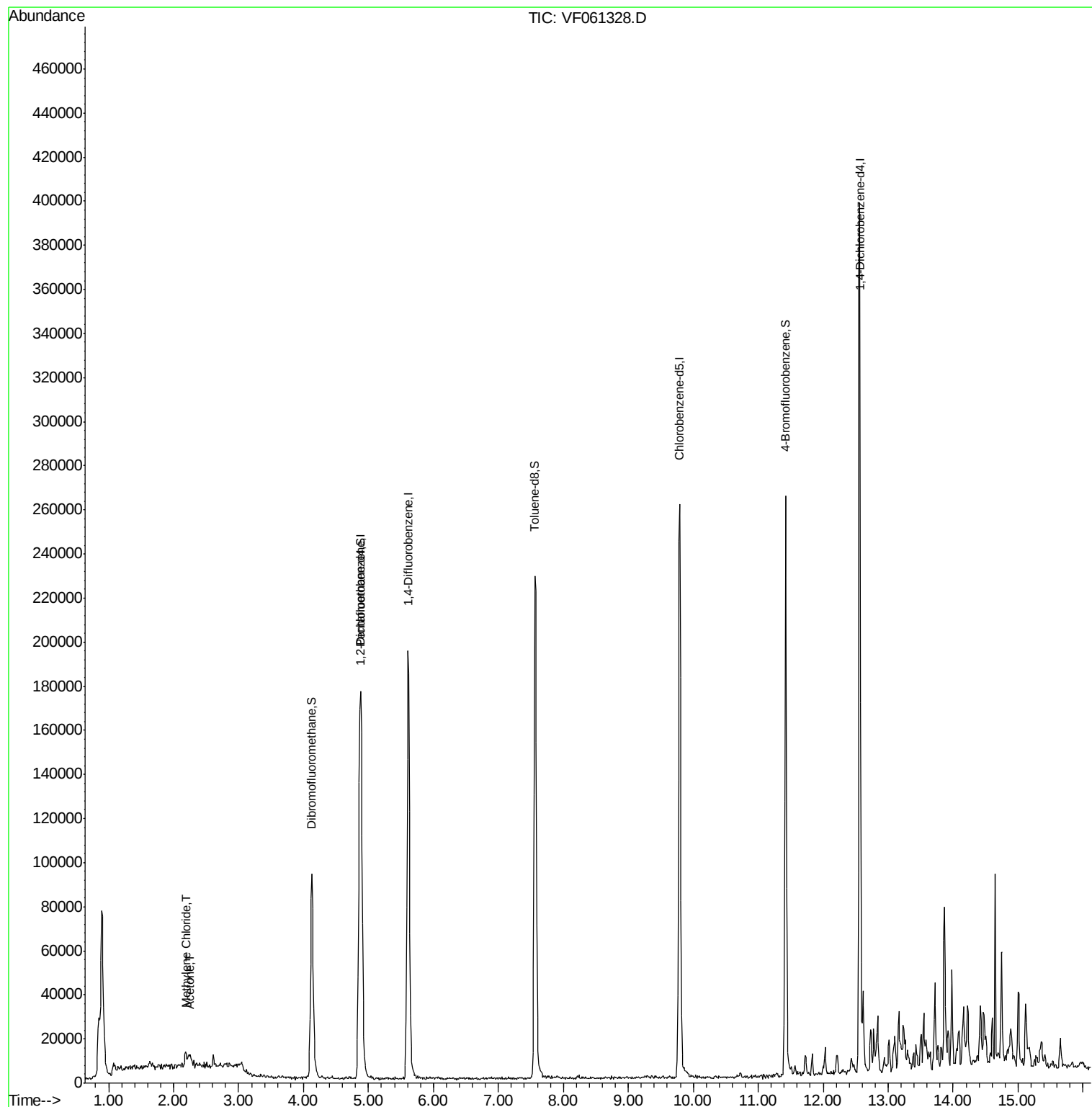
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
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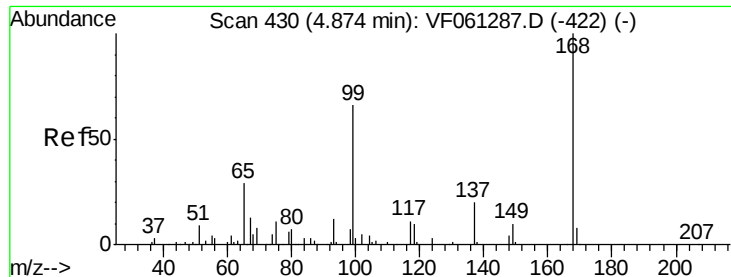
Instrument :
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Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.01 min

Lab File: VF061328.D

Acq: 10 Jan 2019 6:04

Instrument :

MSVOA_F

ClientSampleId :

JC-03-010819-J

Tot Ion:168 Resp: 120774

Ion Ratio Lower Upper

168 100

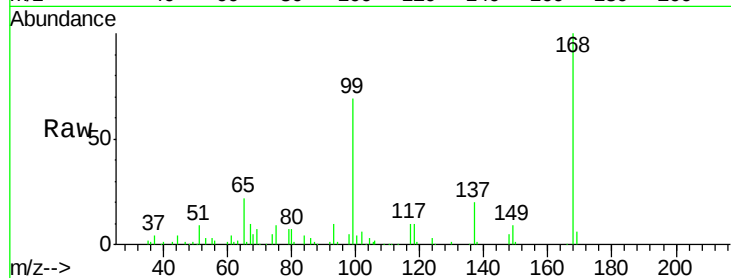
99 69.3 52.7 79.1

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

40000

30000

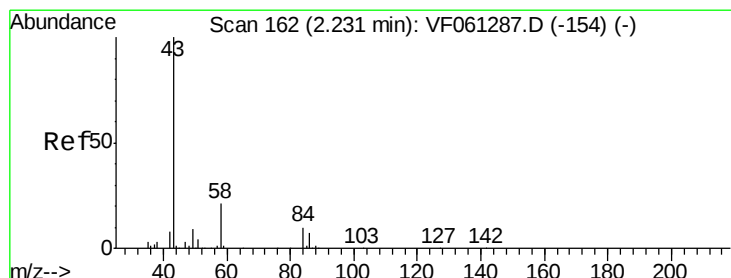
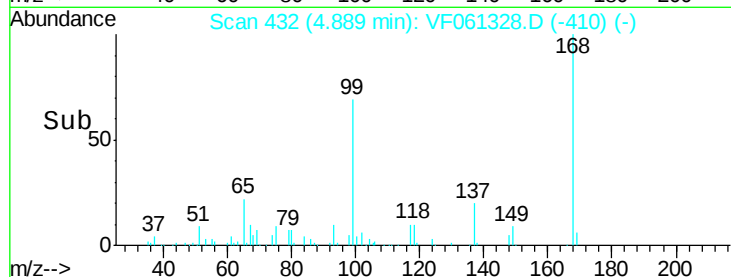
20000

10000

0

Time-->

4.80 4.90 5.00



#16

Acetone

Concen: 23.258 ug/l m

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061328.D

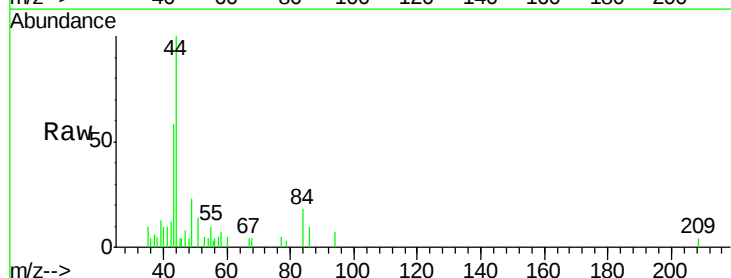
Acq: 10 Jan 2019 6:04

Tgt Ion: 43 Resp: 7273

Ion Ratio Lower Upper

43 100

58 11.7 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

2000

1500

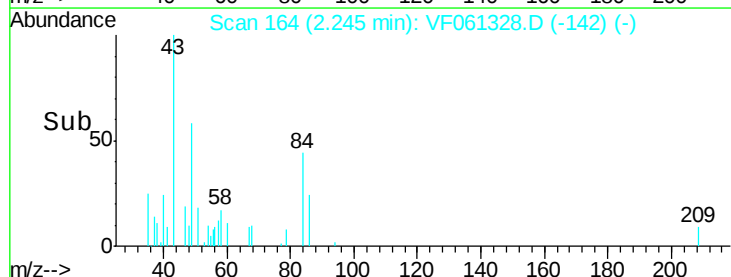
1000

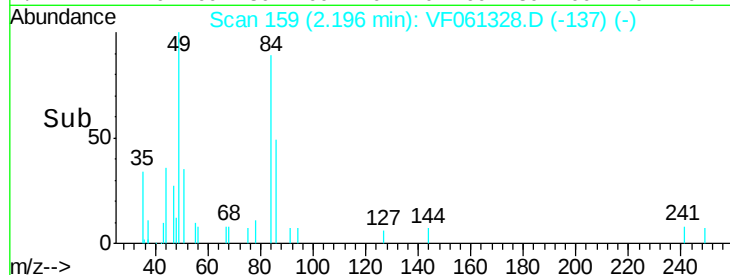
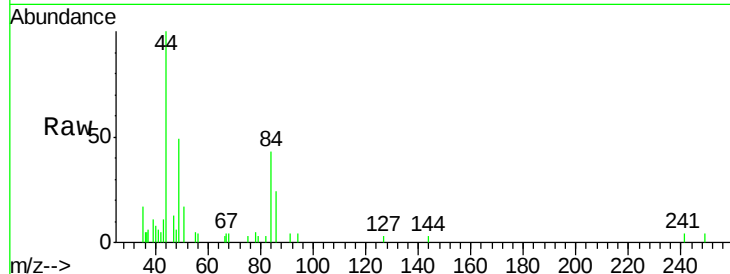
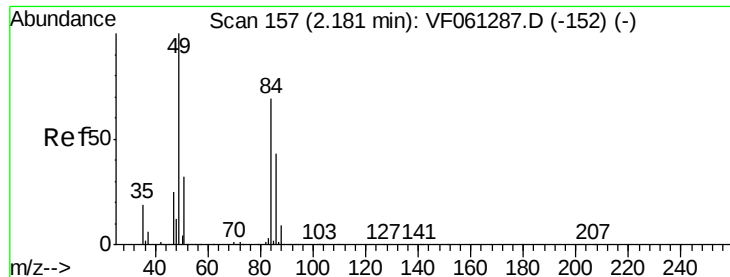
500

0

Time-->

2.15 2.20 2.25 2.30 2.35





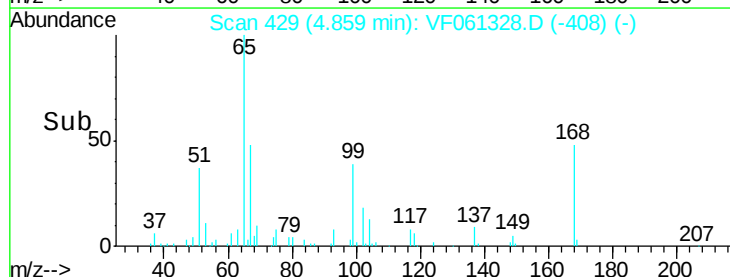
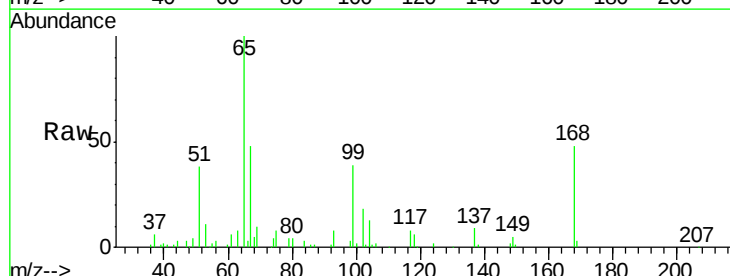
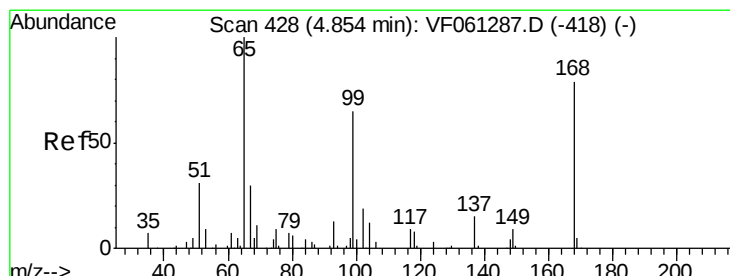
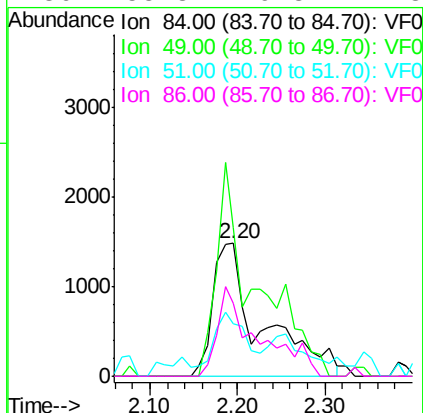
#20
Methvlene Chloride
Concen: 4.315 ug/l m
RT: 2.20 min Scan# 159
Delta R.T. 0.01 min
Lab File: VF061328.D
Acq: 10 Jan 2019 6:04

Tot Ion	Ratio	Lower	Upper
84	100		
49	112.0	116.6	175.0#
51	39.2	37.7	56.5
86	55.3	49.8	74.8

Instrument :
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JC-03-010819-J

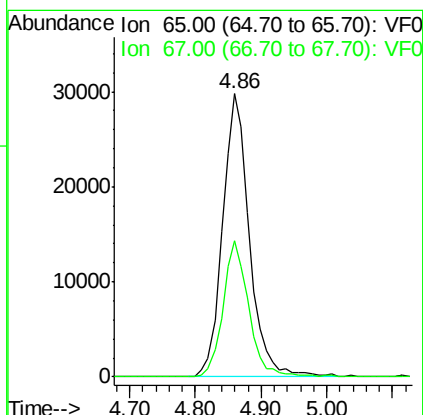
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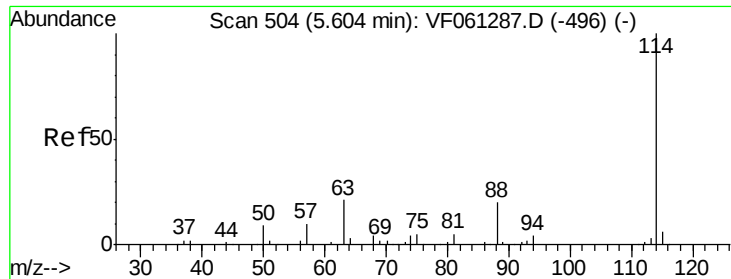
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#33
1,2-Dichloroethane-d4
Concen: 62.854 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.00 min
Lab File: VF061328.D
Acq: 10 Jan 2019 6:04

Tgt Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	98.2





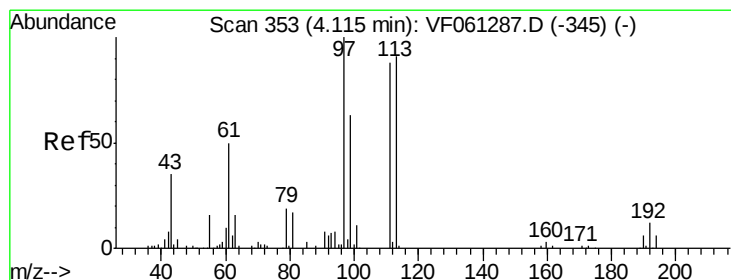
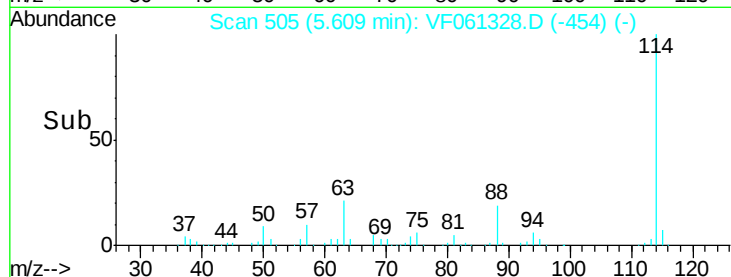
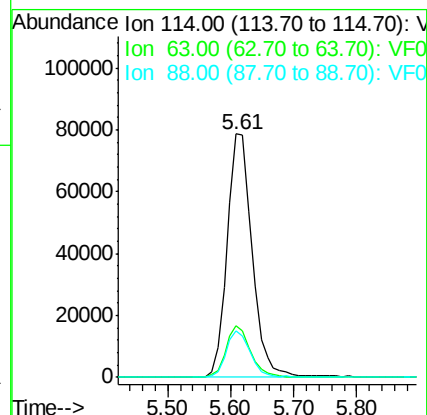
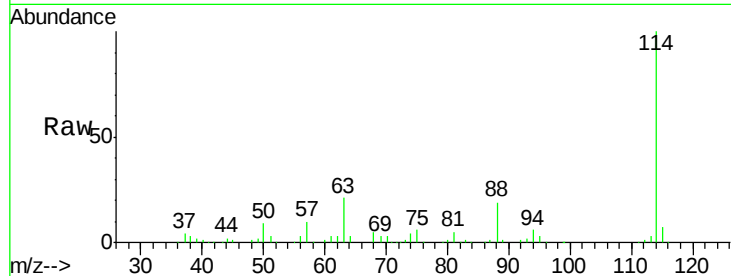
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: VF061328.D
 Acq: 10 Jan 2019 6:04

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-010819-J

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.2	0.0	42.8
88	19.3	0.0	40.0

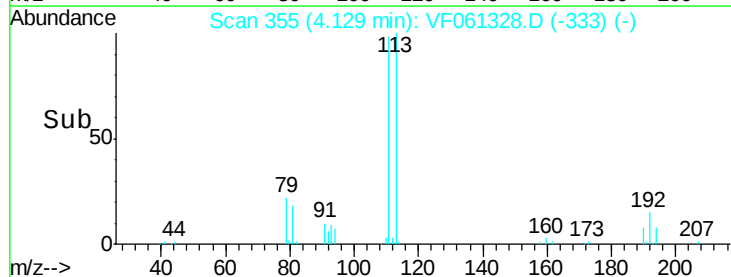
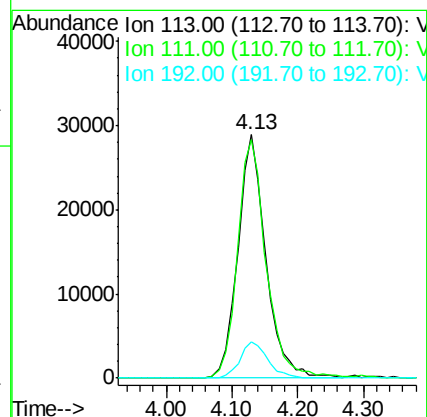
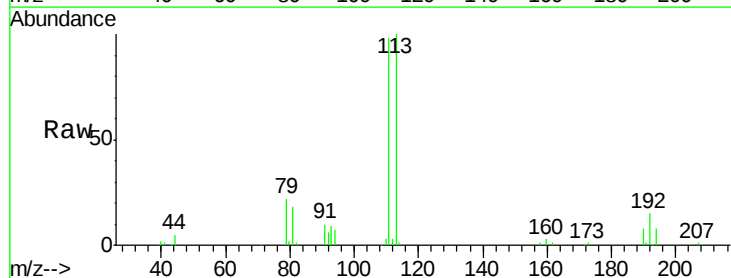
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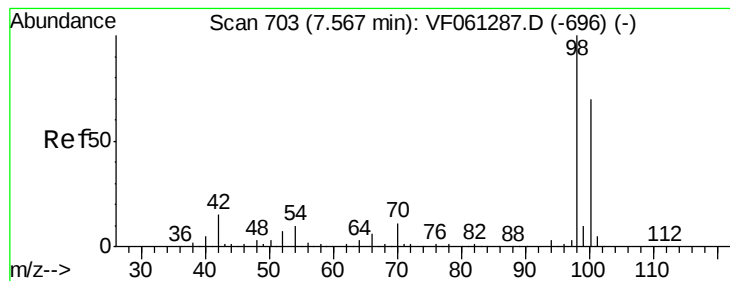
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#35
 Dibromofluoromethane
 Concen: 51.882 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VF061328.D
 Acq: 10 Jan 2019 6:04

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	97.7	78.0	117.0
192	14.8	10.6	16.0





#50

Toluene-d8

Concen: 38.911 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.00 min

Lab File: VF061328.D

Acq: 10 Jan 2019 6:04

Tot Ion: 98 Resp: 191851

Ion Ratio Lower Upper

98 100

100 69.2 55.6 83.4

Instrument :

MSVOA_F

ClientSampleId :

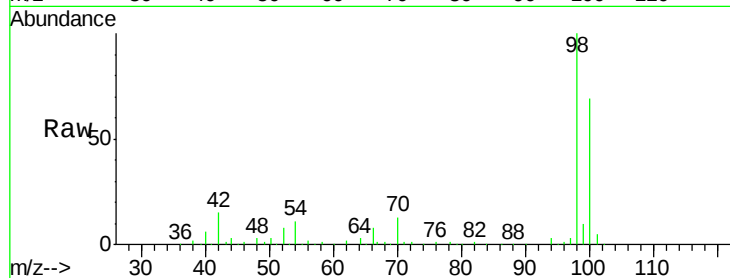
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.57

80000

60000

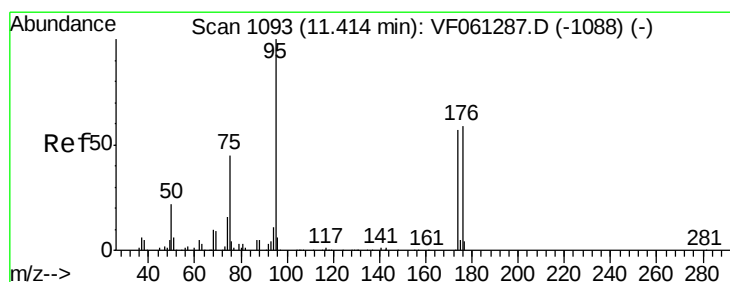
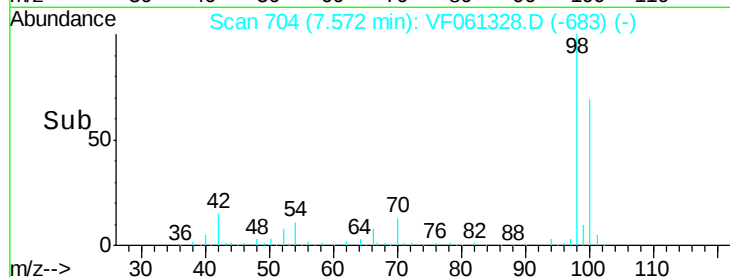
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20000

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Time-->

7.40 7.50 7.60 7.70 7.80



#62

4-Bromofluorobenzene

Concen: 48.282 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061328.D

Acq: 10 Jan 2019 6:04

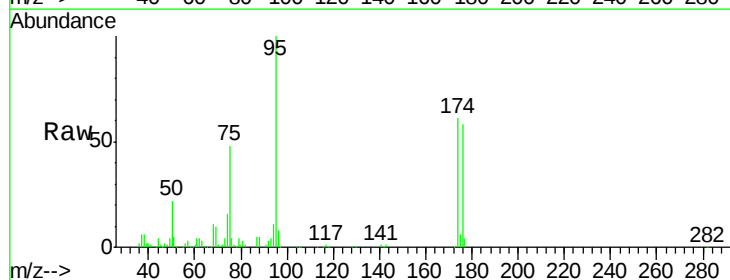
Tgt Ion: 95 Resp: 103947

Ion Ratio Lower Upper

95 100

174 61.2 0.0 114.2

176 58.0 0.0 117.8



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

80000

60000

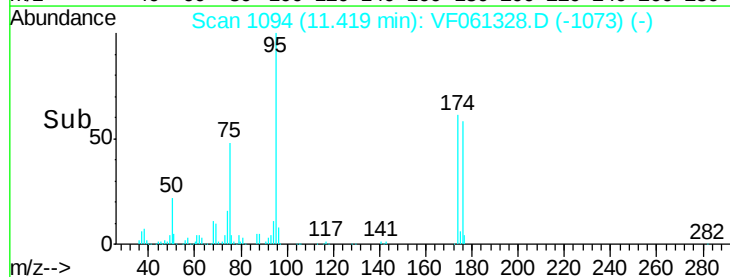
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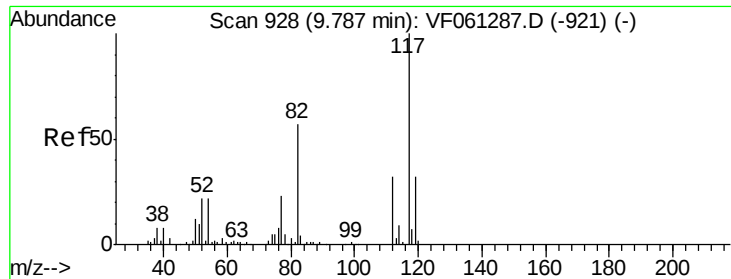
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0

Time-->

11.30 11.40 11.50 11.60





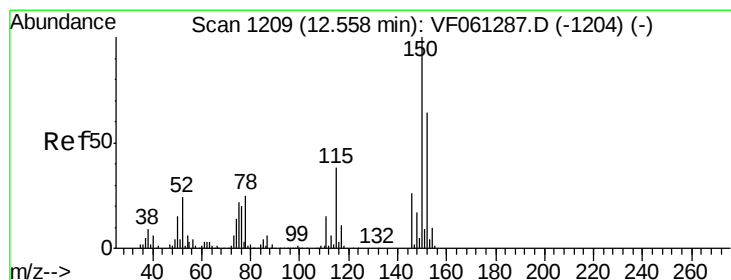
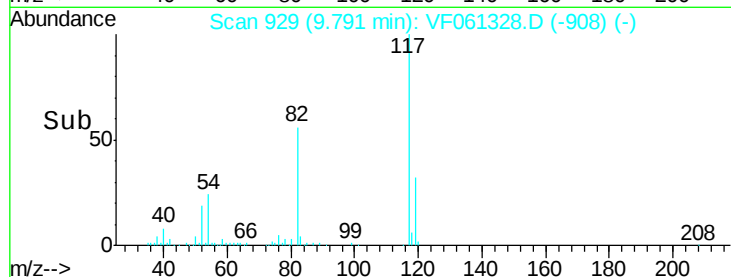
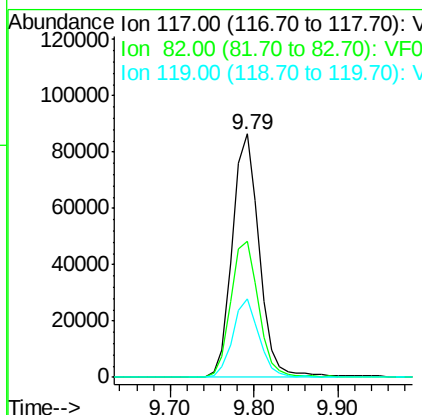
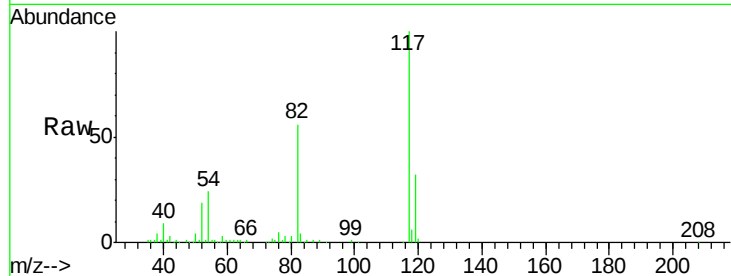
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF061328.D
Acq: 10 Jan 2019 6:04

Instrument :
MSVOA_F
ClientSampleId :
JC-03-010819-J

Tot Ion	Ratio	Resp	Lower	Upper
117	100	193679		
82	55.6	45.3	67.9	
119	32.1	25.4	38.0	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VF061328.D
Acq: 10 Jan 2019 6:04

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	103493		
115	57.8	29.6	88.9	
150	154.0	0.0	315.4	

