

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061422.D
 Acq On : 16 Jan 2019 20:10
 Operator : VA/AP
 Sample : K1167-03RE
 Misc : 5.92g/5mL/MSVOA-F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JDHS-NORTH-2RE

Manual Integrations
 APPROVED

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 1/17/2019 1:24:01 PM

Quant Time: Jan 17 03:25:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	226905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	385183	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	335060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	147093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	118928	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.90%	
35) Dibromofluoromethane	4.11	113	143609	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	7.54	98	369853	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.82%	
62) 4-Bromofluorobenzene	11.41	95	153580	39.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.94%	
Target Compounds						
16) Acetone	2.23	43	19547	34.781	ug/l	97
20) Methylene Chloride	2.18	84	14602m	6.112	ug/l	

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

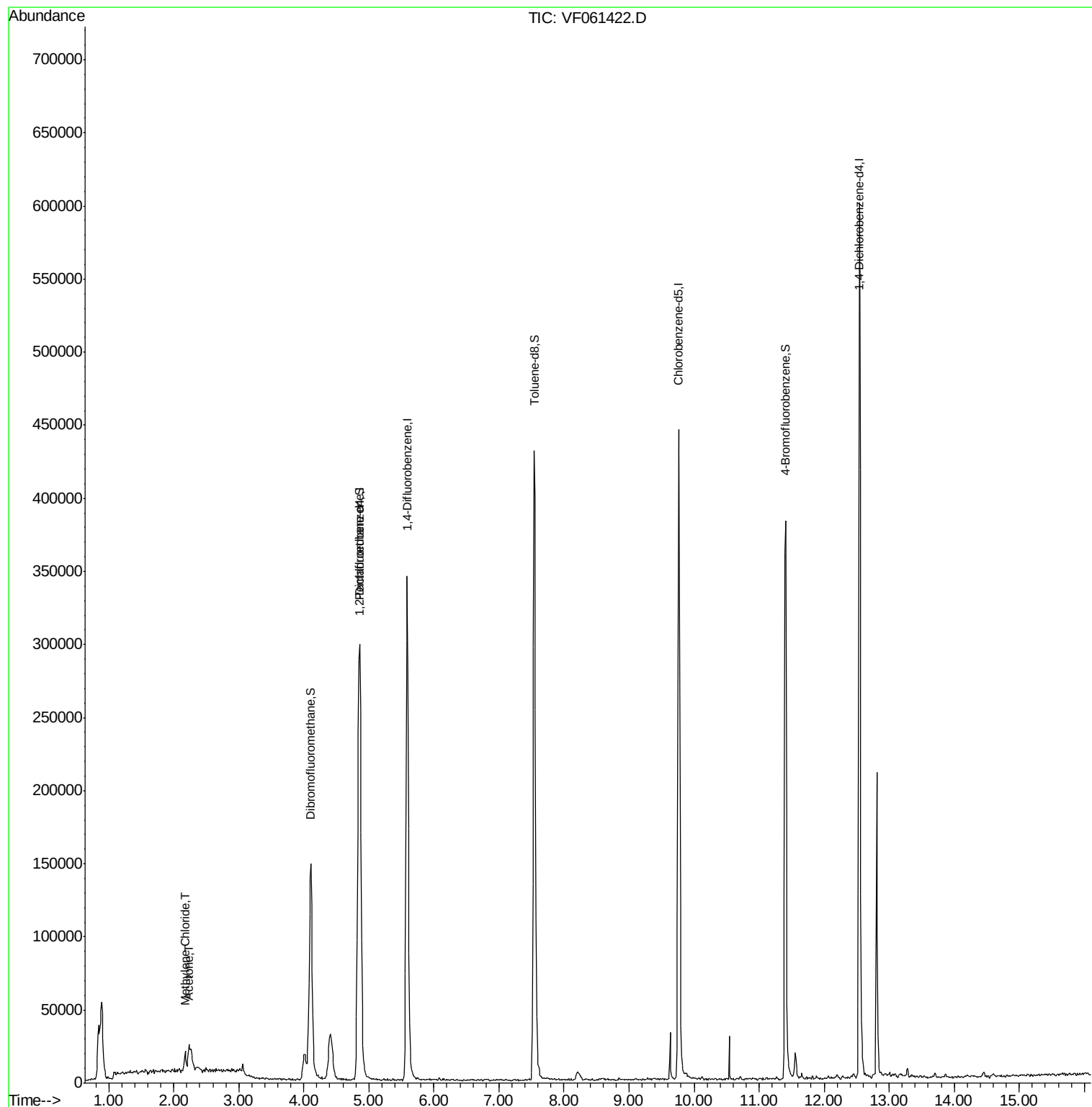
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011619\
Data File : VF061422.D
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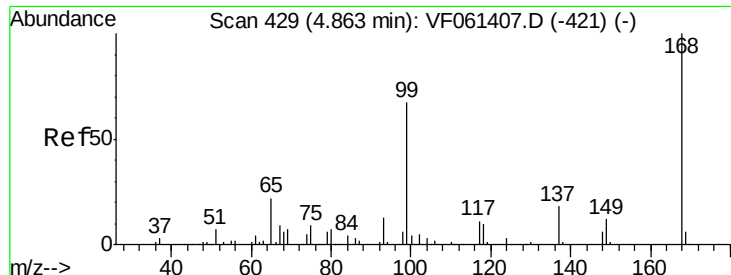
Instrument :
MSVOA_F
ClientSampleId :
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Quant Time: Jan 17 03:25:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061422.D

Acq: 16 Jan 2019 20:10

Instrument :

MSVOA_F

ClientSampleId :

JDHS-NORTH-2RE

Tot Ion:168 Resp: 226905

Ion Ratio Lower Upper

168 100

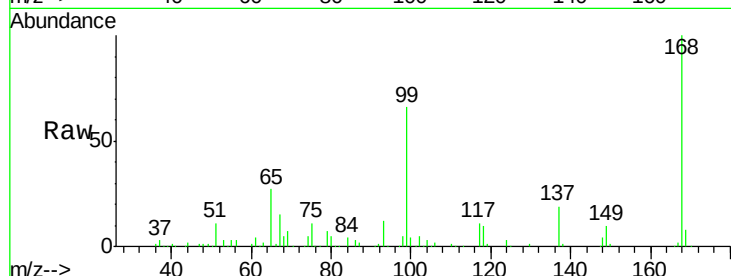
99 66.4 53.5 80.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

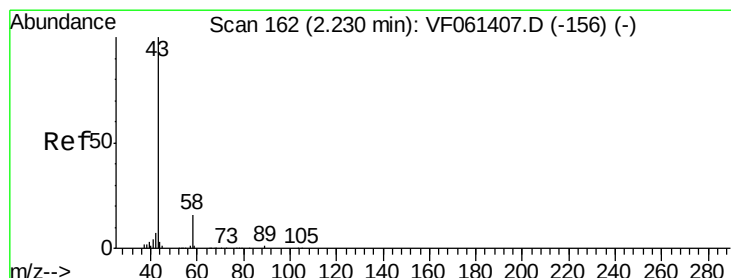
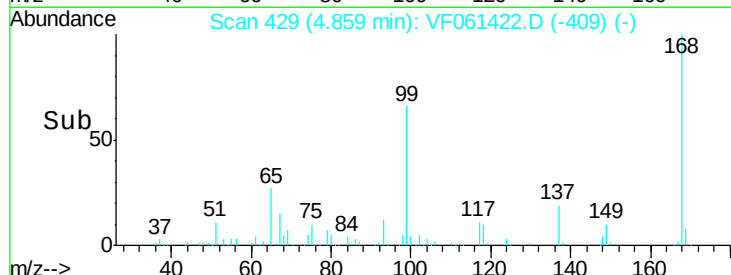
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 34.781 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061422.D

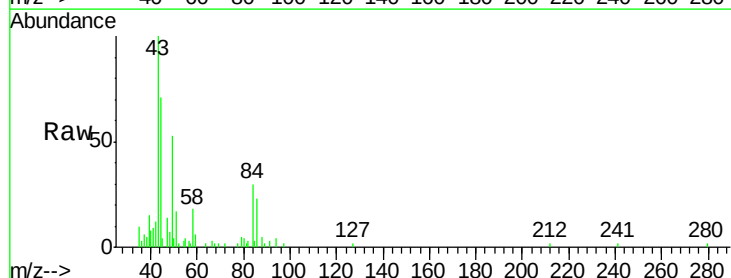
Acq: 16 Jan 2019 20:10

Tgt Ion: 43 Resp: 19547

Ion Ratio Lower Upper

43 100

58 18.0 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

6000

5000

4000

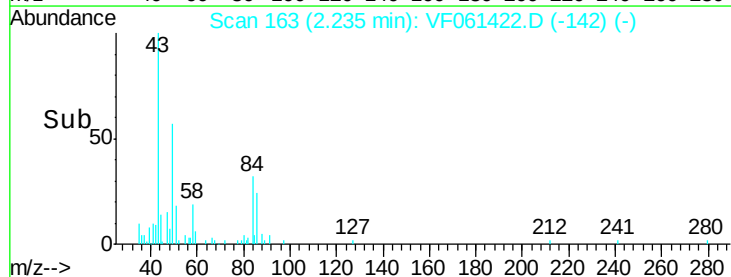
3000

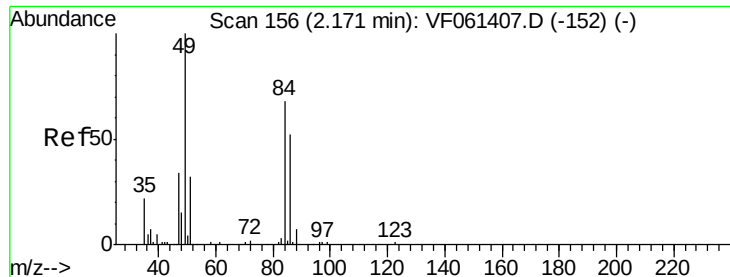
2000

1000

0

Time-->





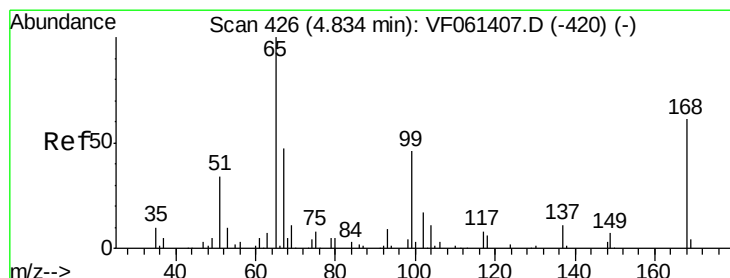
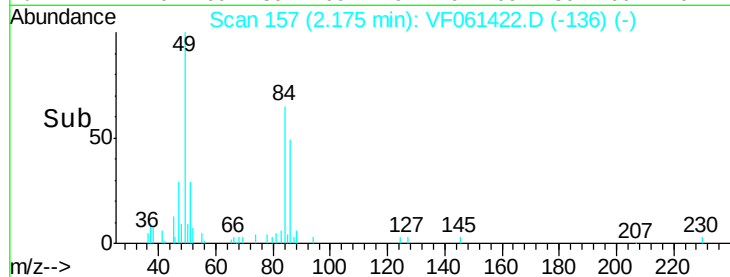
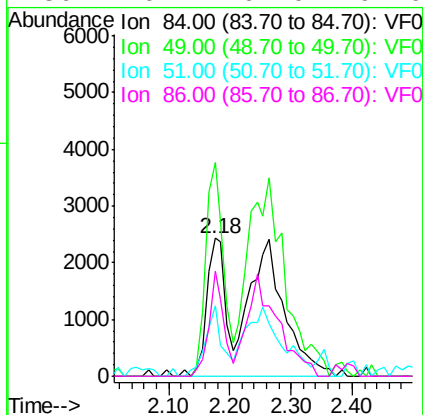
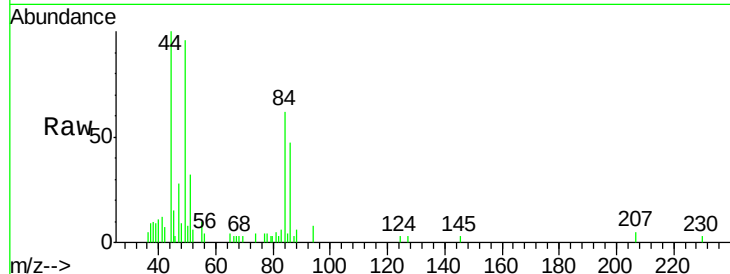
#20
Methylene Chloride
Concen: 6.112 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061422.D
Acq: 16 Jan 2019 20:10

Instrument :
MSVOA_F
ClientSampleId :
JDHS-NORTH-2RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	154.8	120.0	180.0
51	51.0	38.6	58.0
86	76.1	61.0	91.6

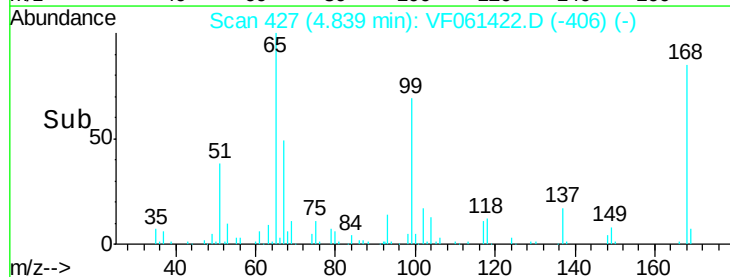
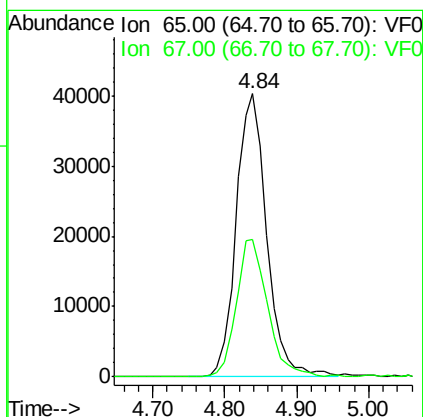
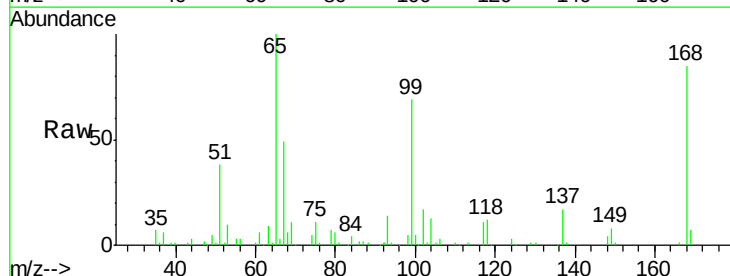
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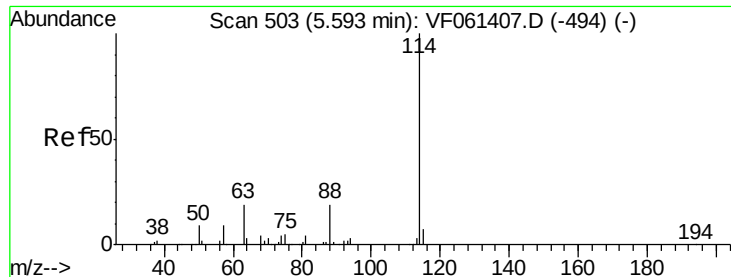
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#33
1,2-Dichloroethane-d4
Concen: 42.453 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.00 min
Lab File: VF061422.D
Acq: 16 Jan 2019 20:10

Tgt Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061422.D

Acq: 16 Jan 2019 20:10

Instrument :

MSVOA_F

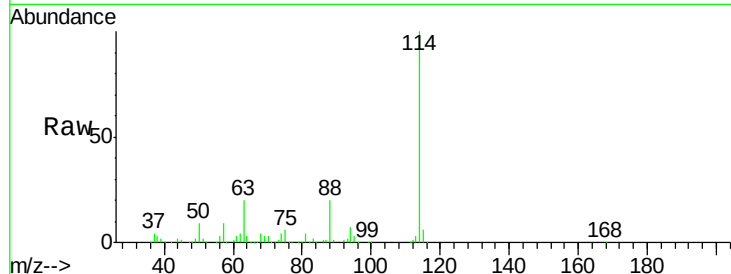
ClientSampleId :

JDHS-NORTH-2RE

Tot Ion	Ratio	Resp	Lower	Upper
114	100	385183		
63	20.1		0.0	39.0
88	20.2		0.0	37.4

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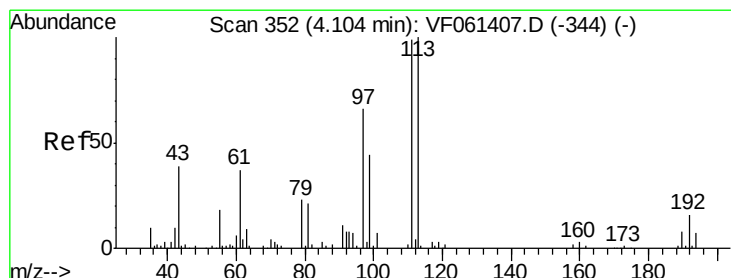
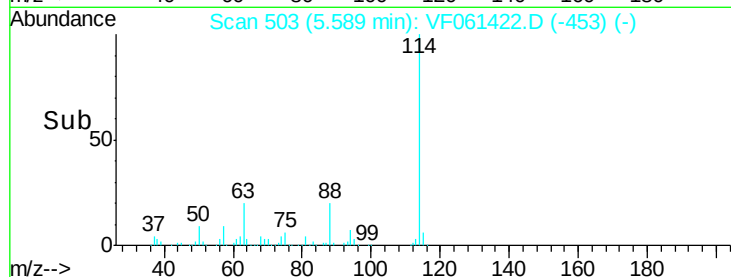
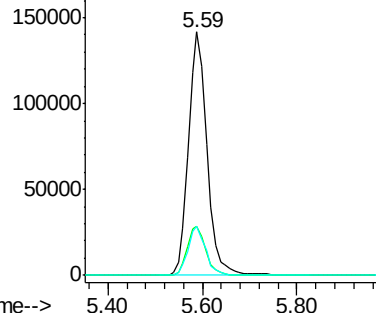
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 47.249 ug/l

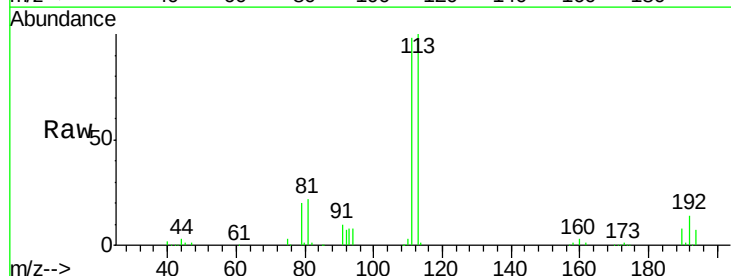
RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061422.D

Acq: 16 Jan 2019 20:10

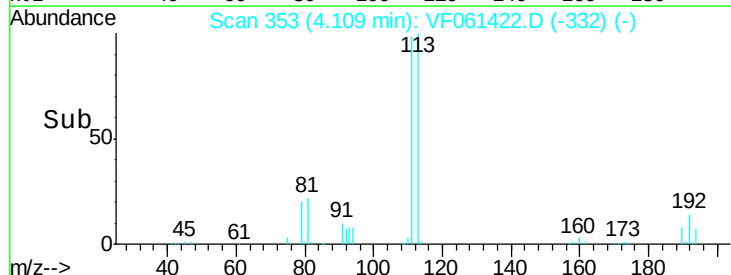
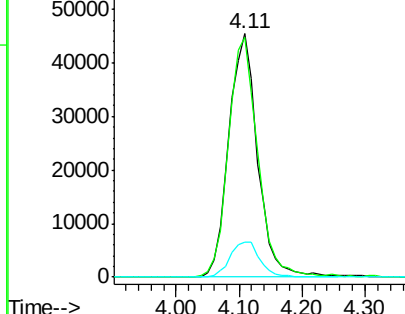
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	143609		
111	98.4		79.4	119.0
192	14.6		12.4	18.6

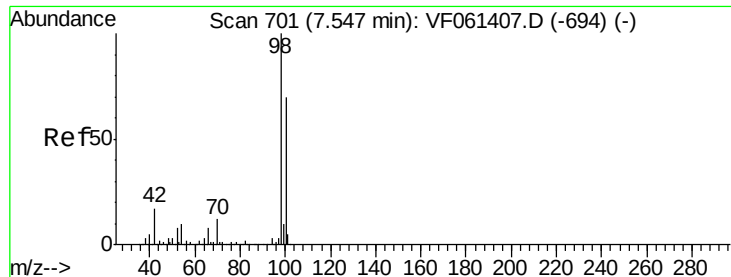


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 44.414 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF061422.D

Acq: 16 Jan 2019 20:10

Instrument :

MSVOA_F

ClientSampleId :

JDHS-NORTH-2RE

Tot Ion: 98 Resp: 369853

Ion Ratio Lower Upper

98 100

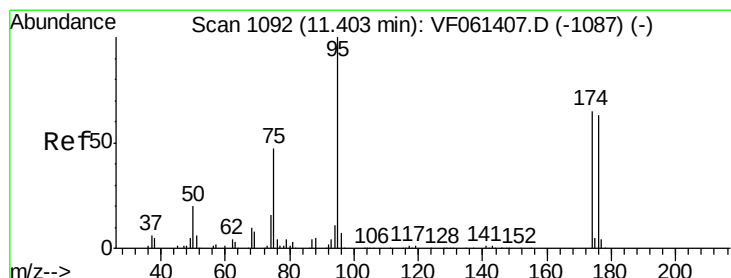
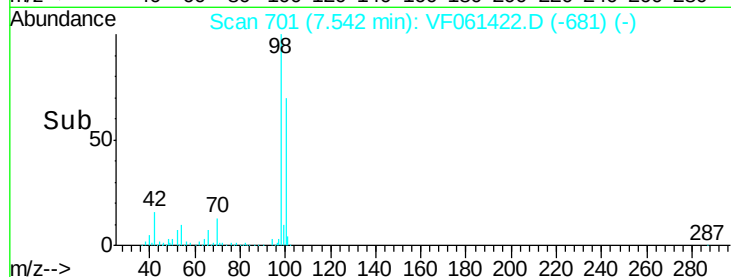
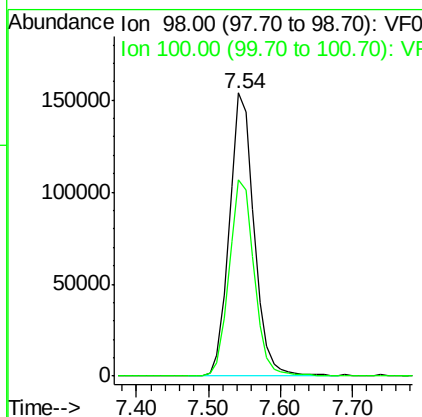
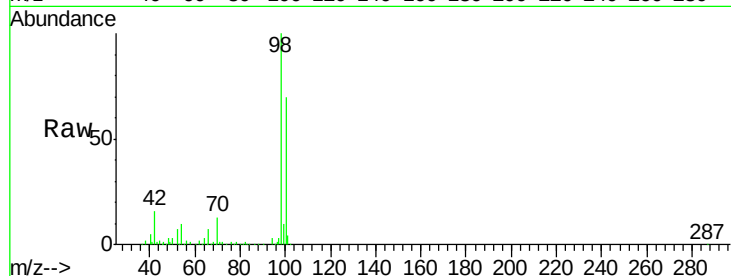
100 69.6 55.6 83.4

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#62

4-Bromofluorobenzene

Concen: 39.472 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061422.D

Acq: 16 Jan 2019 20:10

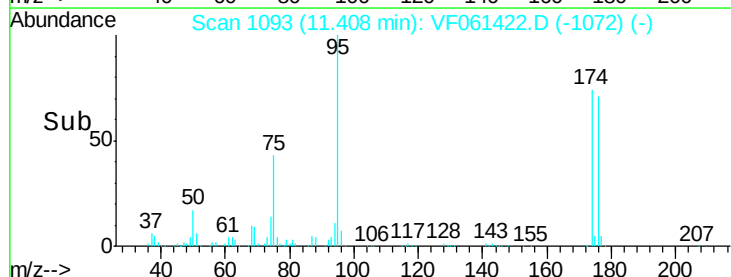
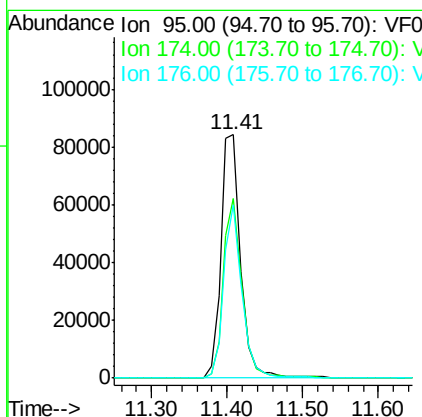
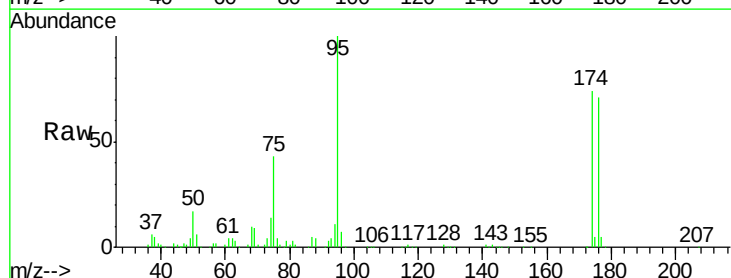
Tgt Ion: 95 Resp: 153580

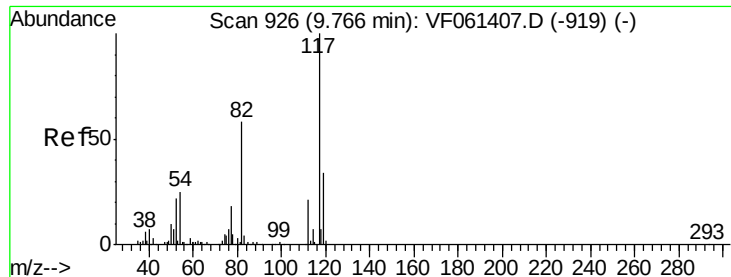
Ion Ratio Lower Upper

95 100

174 74.0 0.0 130.4

176 71.4 0.0 126.2





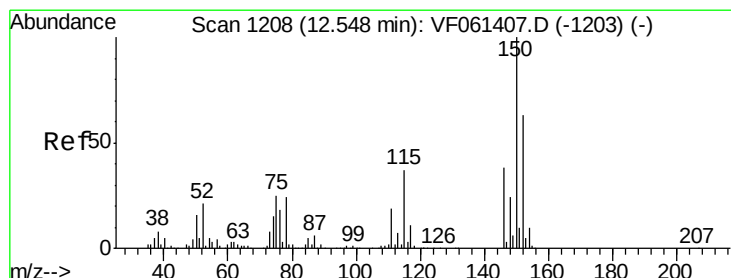
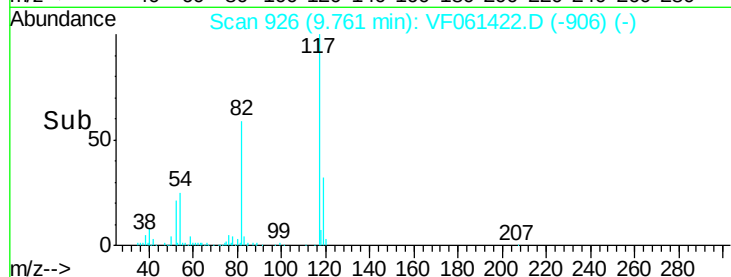
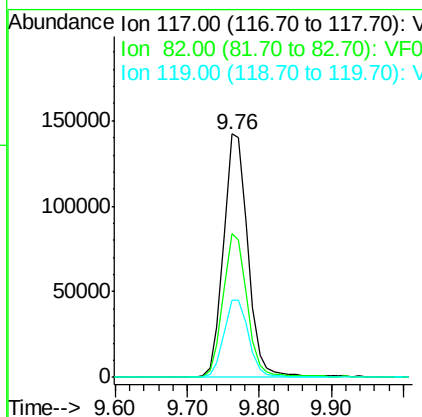
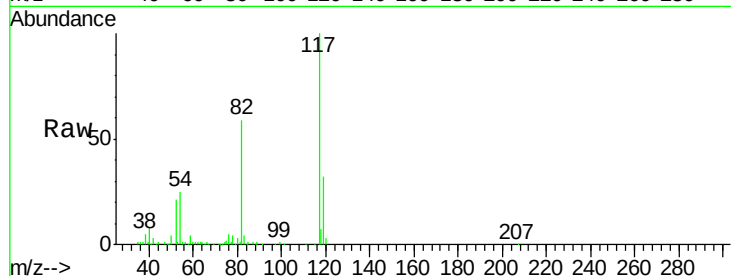
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061422.D
Acq: 16 Jan 2019 20:10

Instrument :
MSVOA_F
ClientSampleId :
JDHS-NORTH-2RE

Tot Ion	Ratio	Resp	Lower	Upper
117	100	335060		
82	58.8	46.4	69.6	
119	31.7	27.2	40.8	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061422.D
Acq: 16 Jan 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	147093		
115	61.4	30.0	90.0	
150	154.3	0.0	321.4	

