

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011819\
 Data File : VF061456.D
 Acq On : 18 Jan 2019 13:40
 Operator : VA/AP
 Sample : K1173-01
 Misc : 3.43g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR-200052

Manual Integrations
 APPROVED

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 1/21/2019 11:11:22 AM

Quant Time: Jan 19 04:24:48 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	4.87	168	186421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	321810	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	304672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	157498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	113200	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
35) Dibromofluoromethane	4.11	113	126907	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	7.55	98	328717	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.41	95	155981	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
Target Compounds						
16) Acetone	2.23	43	14055	30.440	ug/l	93
20) Methylene Chloride	2.18	84	9674m	4.576	ug/l	
52) Toluene	7.62	92	9316	1.704	ug/l	86

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

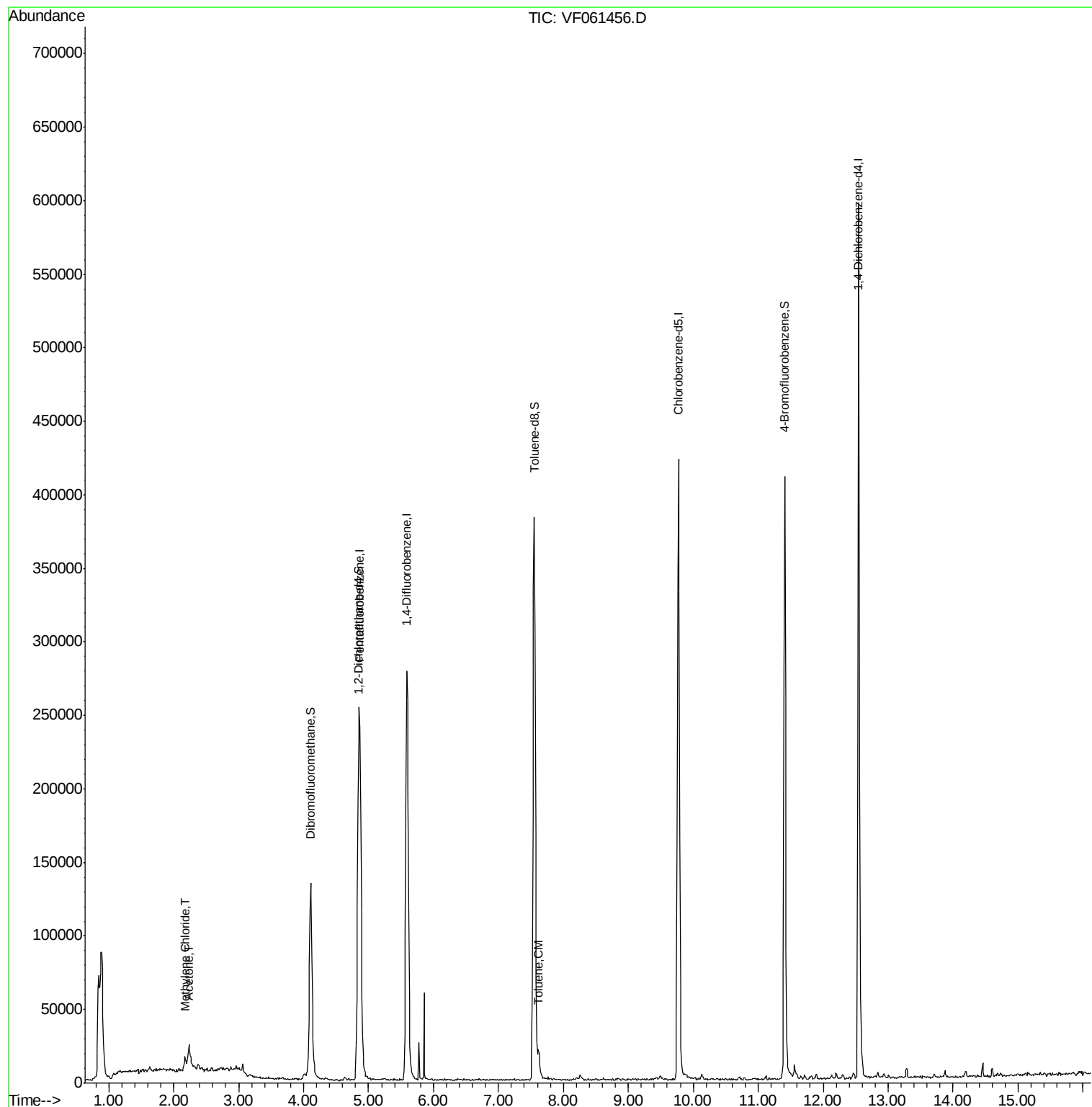
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011819\
Data File : VF061456.D
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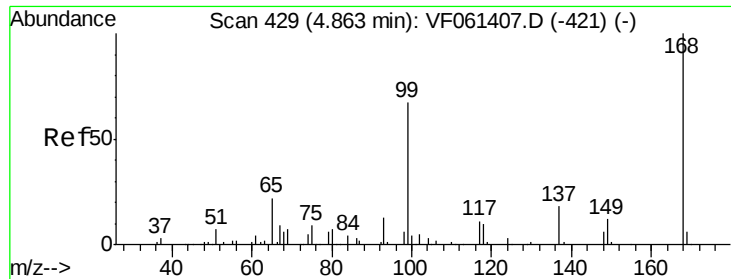
Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

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Quant Time: Jan 19 04:24:48 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: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF061456.D

Acq: 18 Jan 2019 13:40

Instrument :

MSVOA_F

ClientSampleId :

RBR-200052

Tot Ion:168 Resp: 186421

Ion Ratio Lower Upper

168 100

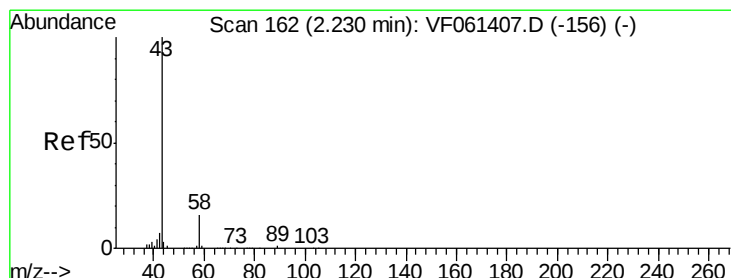
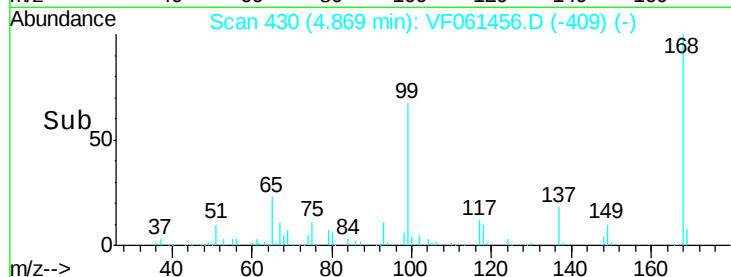
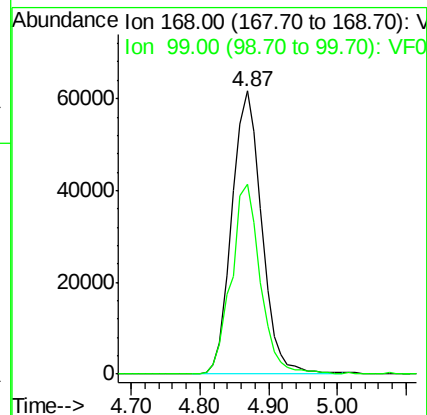
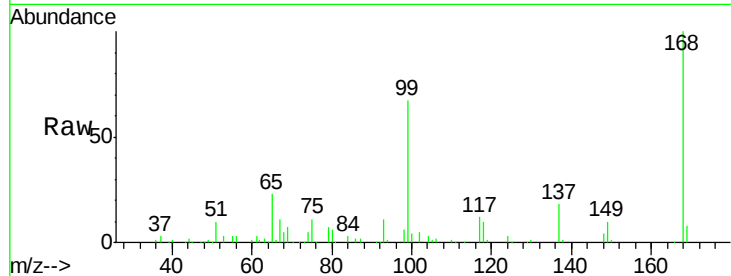
99 67.3 53.5 80.3

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#16

Acetone

Concen: 30.440 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061456.D

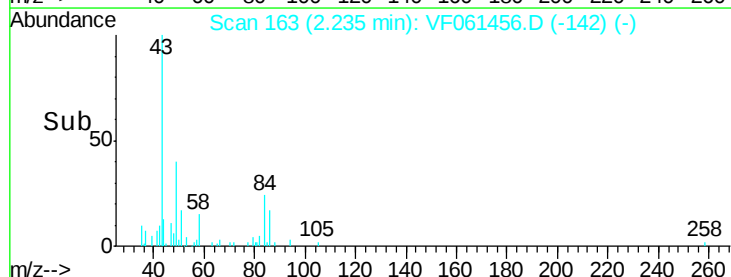
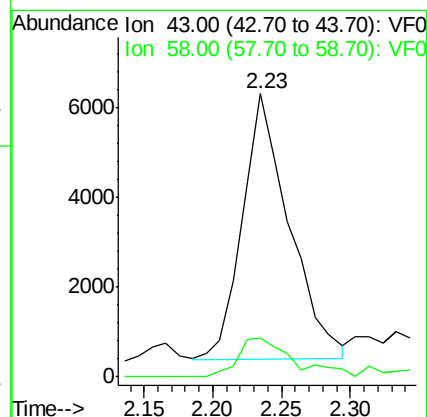
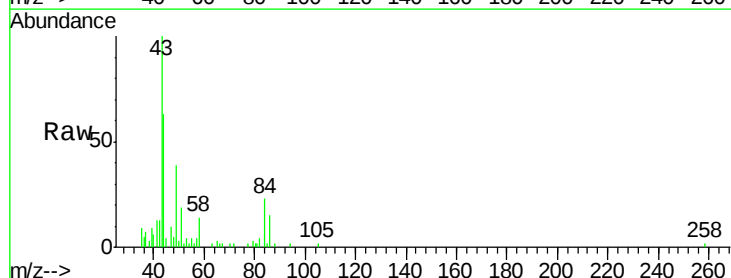
Acq: 18 Jan 2019 13:40

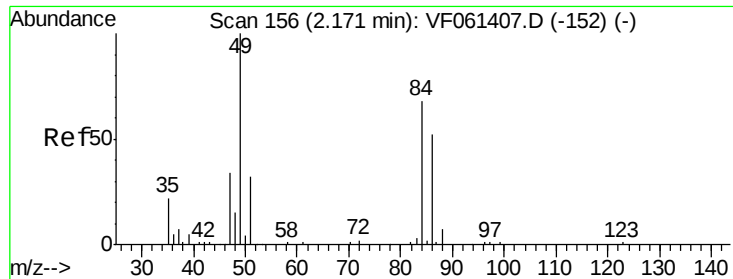
Tgt Ion: 43 Resp: 14055

Ion Ratio Lower Upper

43 100

58 13.8 13.3 19.9





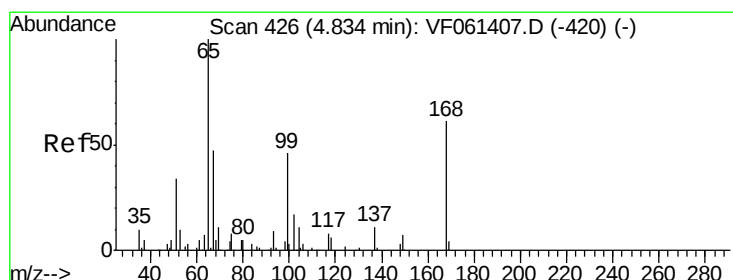
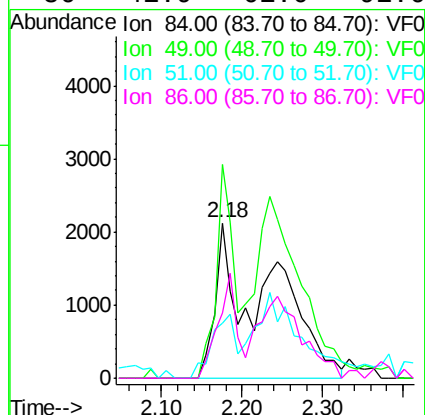
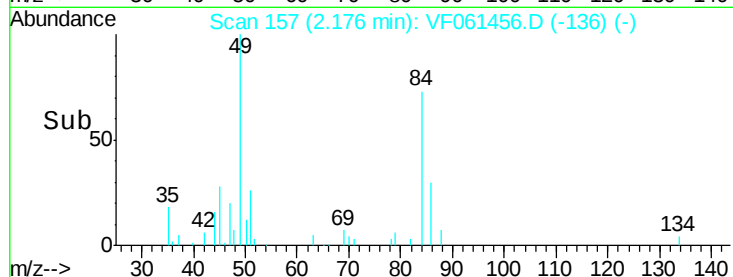
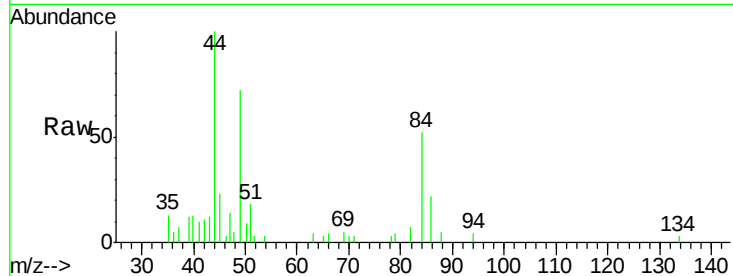
#20
Methvlene Chloride
Concen: 4.576 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Tot Ion: 84 Resp: 9674
Ion Ratio Lower Upper
84 100
49 137.5 120.0 180.0
51 35.2 38.6 58.0#
86 41.9 61.0 91.6#

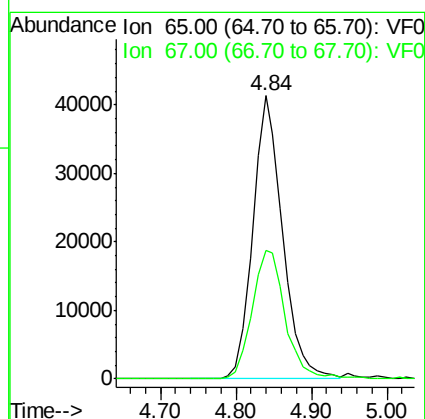
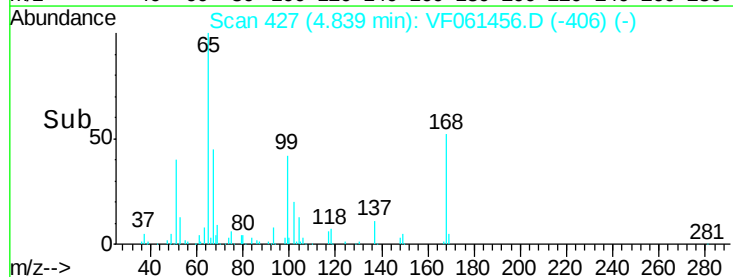
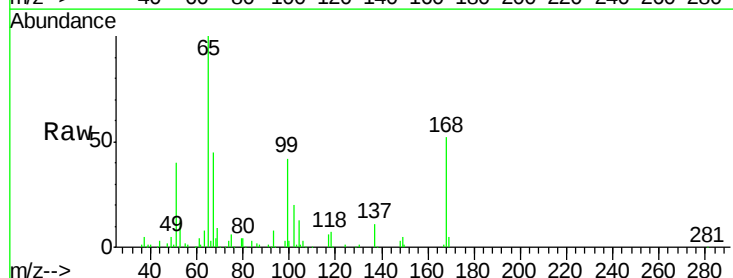
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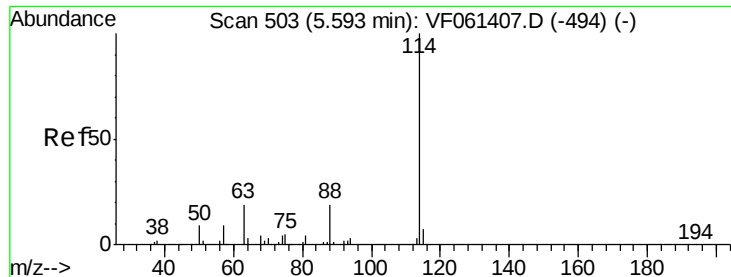
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#33
1,2-Dichloroethane-d4
Concen: 49.183 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion: 65 Resp: 113200
Ion Ratio Lower Upper
65 100
67 45.2 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: VF061456.D

Acq: 18 Jan 2019 13:40

Instrument :

MSVOA_F

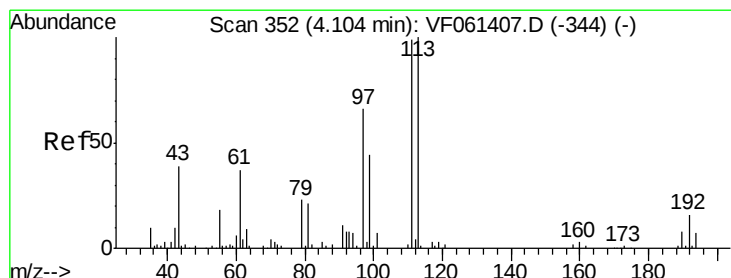
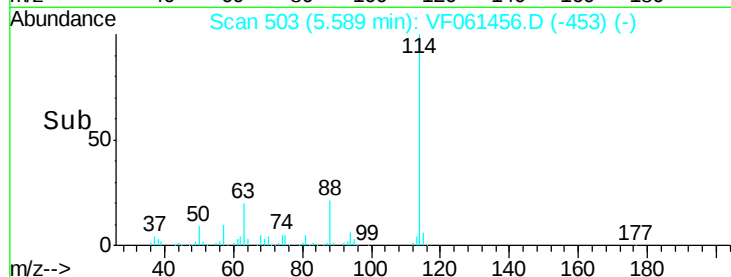
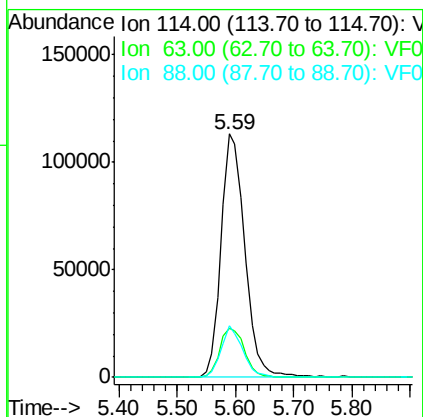
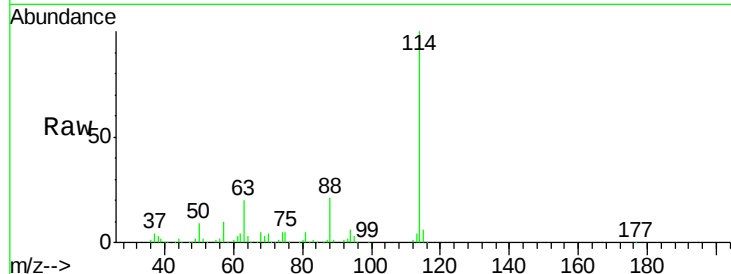
ClientSampleId :

RBR-200052

Tot Ion:	114	Resp:	321810
Ion Ratio		Lower	Upper
114	100		
63	20.3	0.0	39.0
88	21.0	0.0	37.4

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#35

Dibromofluoromethane

Concen: 49.976 ug/l

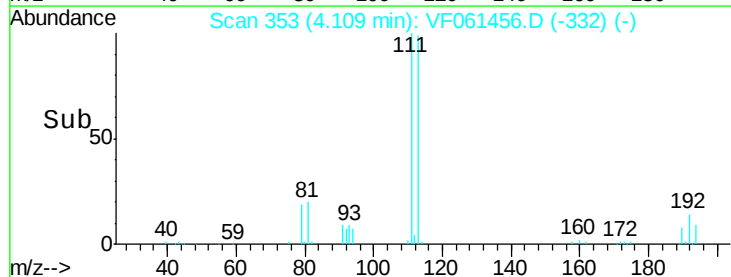
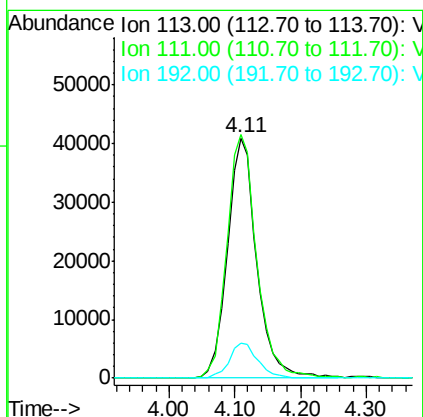
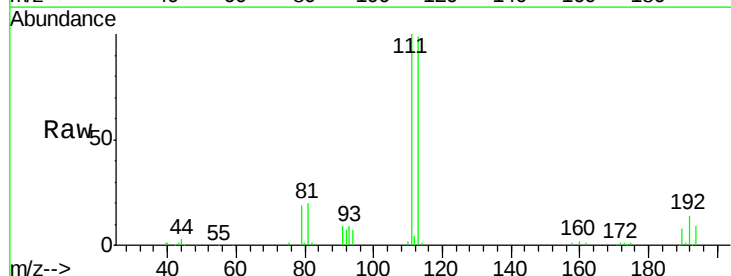
RT: 4.11 min Scan# 353

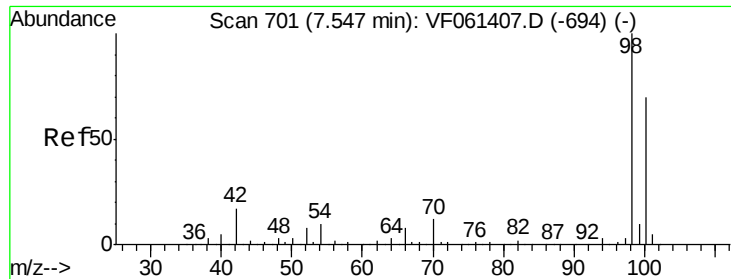
Delta R.T. 0.01 min

Lab File: VF061456.D

Acq: 18 Jan 2019 13:40

Tgt Ion:	113	Resp:	126907
Ion Ratio		Lower	Upper
113	100		
111	101.5	79.4	119.0
192	14.4	12.4	18.6





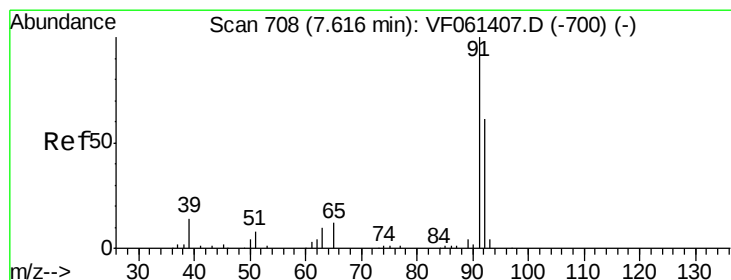
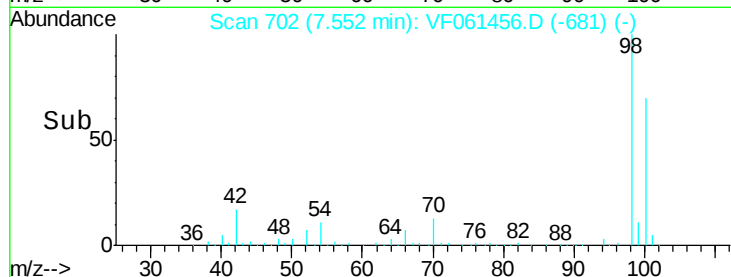
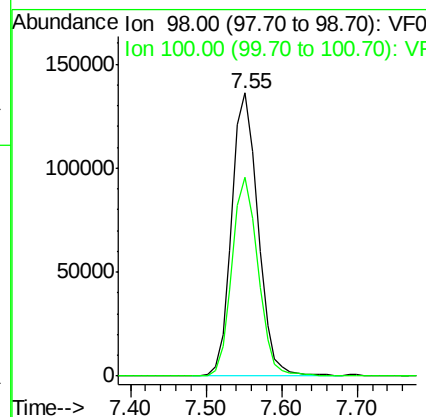
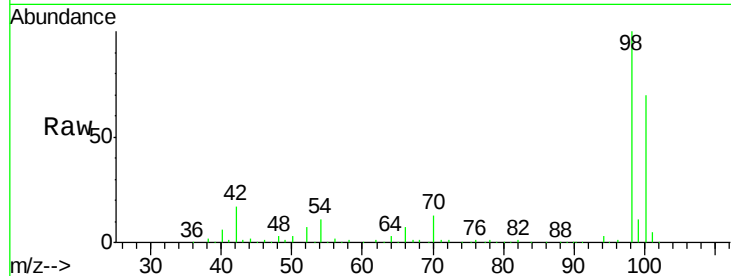
#50
Toluene-d8
Concen: 47.247 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Tot Ion: 98 Resp: 328717
Ion Ratio Lower Upper
98 100
100 70.3 55.6 83.4

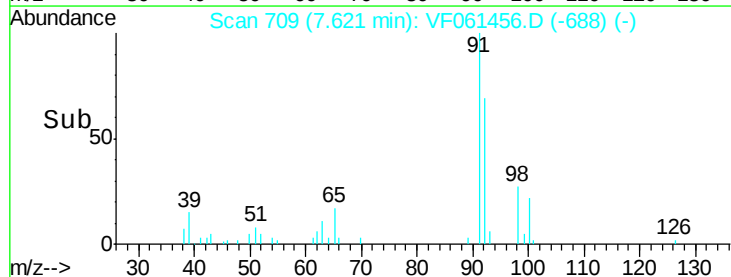
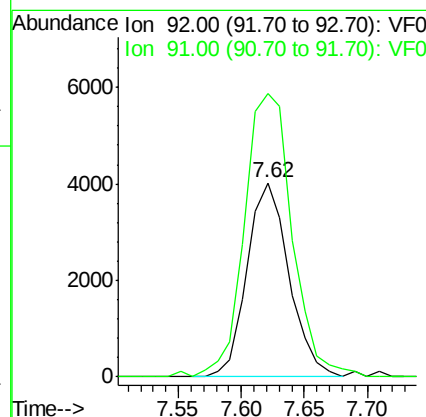
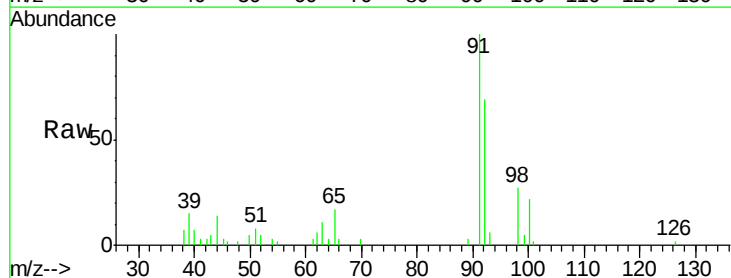
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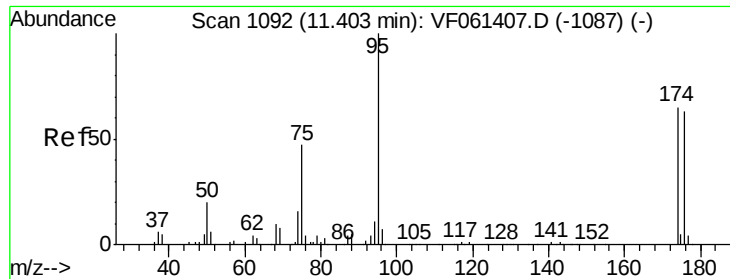
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#52
Toluene
Concen: 1.704 ug/l
RT: 7.62 min Scan# 709
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion: 92 Resp: 9316
Ion Ratio Lower Upper
92 100
91 145.8 131.2 196.8





#62

4-Bromofluorobenzene

Concen: 47.984 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061456.D

Acq: 18 Jan 2019 13:40

Instrument :

MSVOA_F

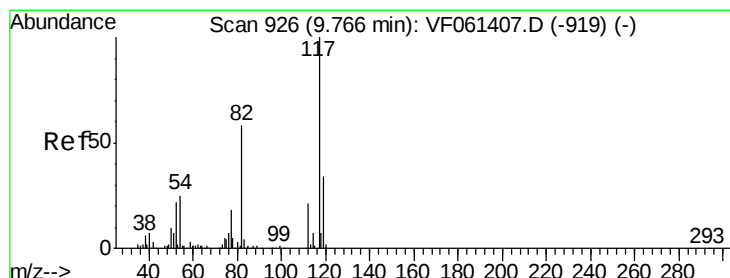
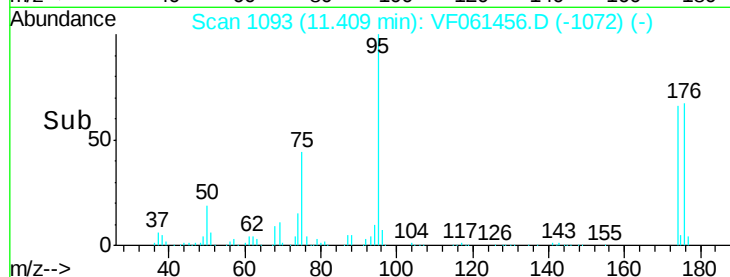
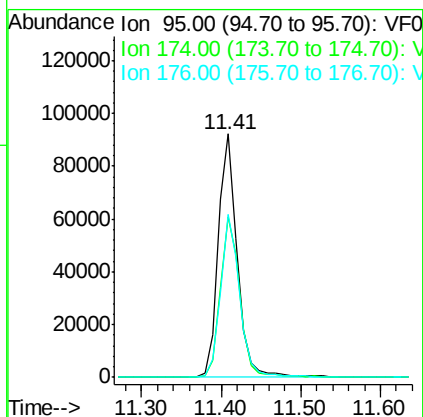
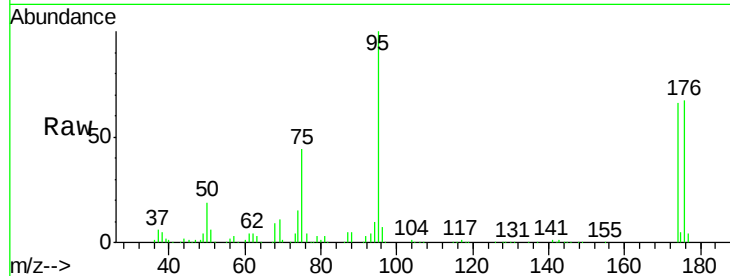
ClientSampleId :

RBR-200052

Tot Ion:	95	Resp:	155981
Ion Ratio	Lower	Upper	
95	100		
174	66.1	0.0	130.4
176	66.9	0.0	126.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

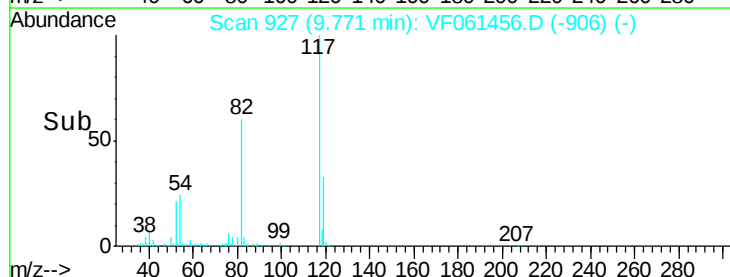
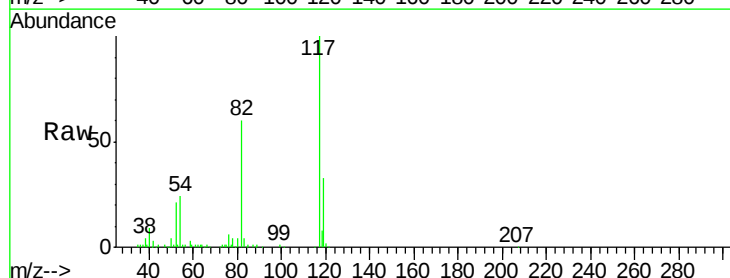
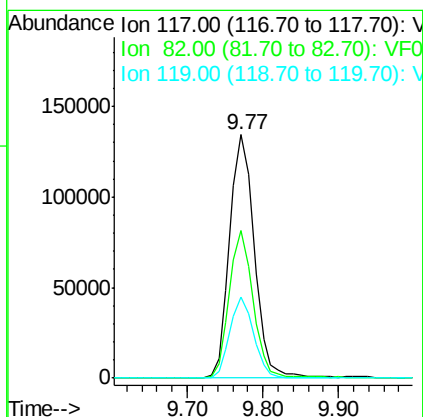
RT: 9.77 min Scan# 927

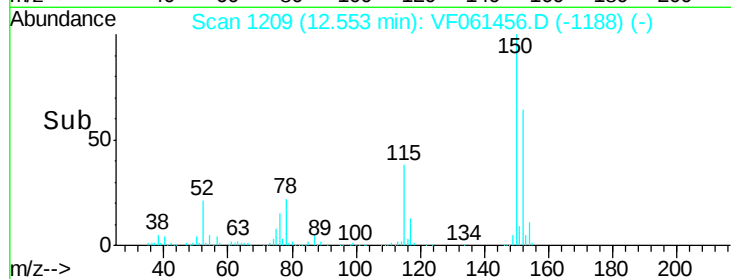
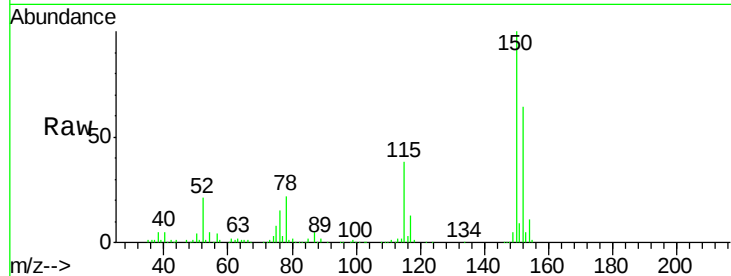
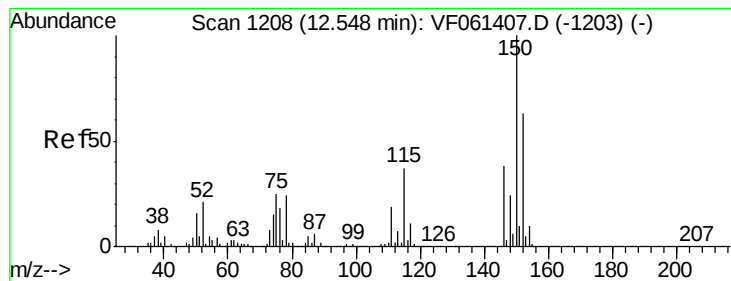
Delta R.T. 0.01 min

Lab File: VF061456.D

Acq: 18 Jan 2019 13:40

Tgt Ion:	117	Resp:	304672
Ion Ratio	Lower	Upper	
117	100		
82	60.5	46.4	69.6
119	33.5	27.2	40.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: VF061456.D
 Acq: 18 Jan 2019 13:40

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR-200052

Tot Ion	Ratio	Resp	Lower	Upper
152	100	157498		
115	58.9		30.0	90.0
150	157.1		0.0	321.4

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