

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061311.D
 Acq On : 9 Jan 2019 20:01
 Operator : VA/AP
 Sample : K1008-01
 Misc : 6.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HD-02-010819

Manual Integrations
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Quant Time: Jan 10 15:29:13 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	193855	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.62	114	339169	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	272927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	116359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	140672	65.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.38%	
35) Dibromofluoromethane	4.13	113	152417	58.73	ug/l	0.01
Spiked Amount 50.000			Recovery	=	117.46%	
50) Toluene-d8	7.57	98	299154	38.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.90%	
62) 4-Bromofluorobenzene	11.42	95	151009	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
Target Compounds						
20) Methylene Chloride	2.19	84	12207m	5.749	ug/l	
52) Toluene	7.64	92	25118	4.226	ug/l	88
95) Naphthalene	14.47	128	23880	4.850	ug/l #	89

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

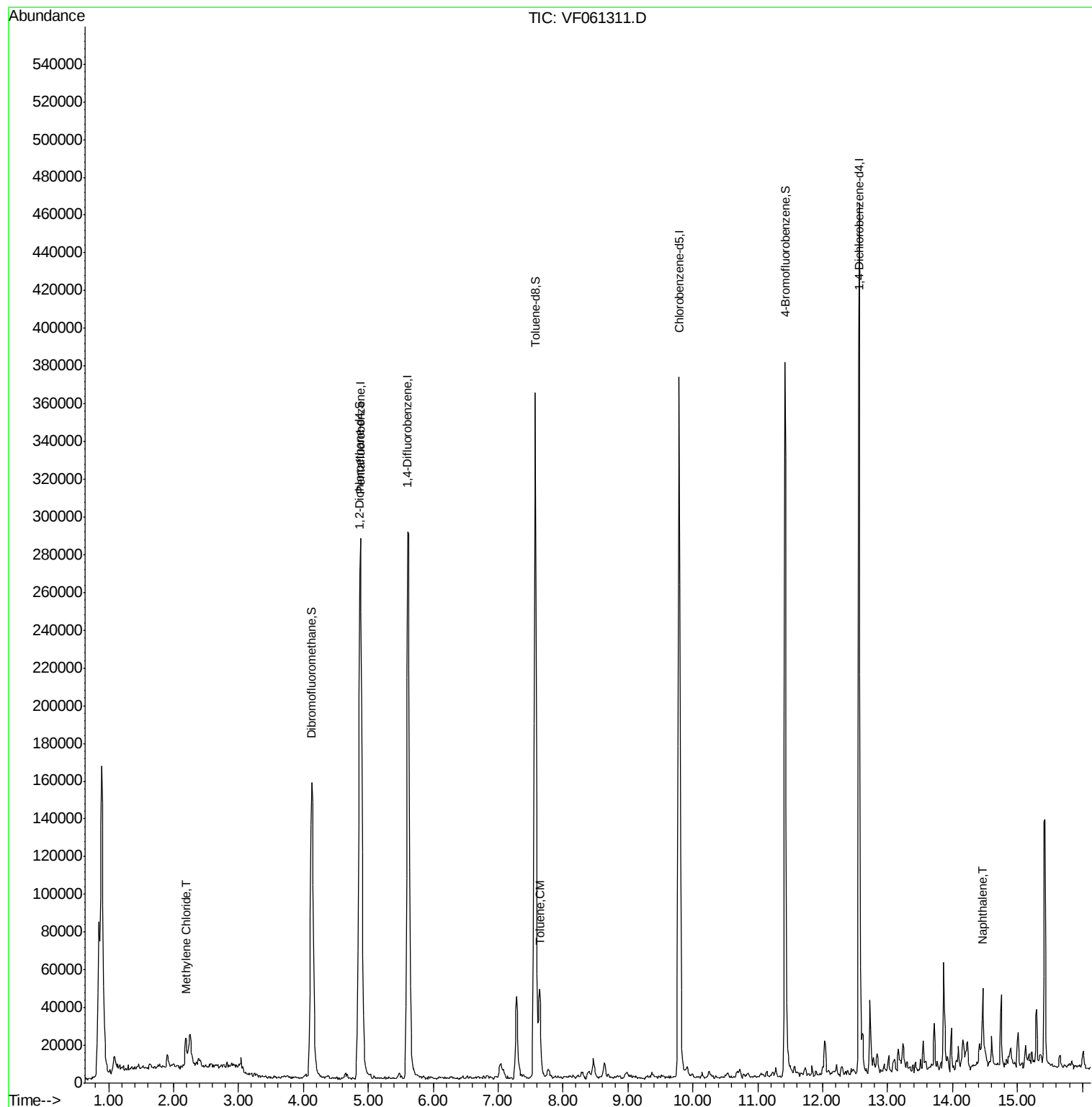
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061311.D
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Operator : VA/AP
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ALS Vial : 20 Sample Multiplier: 1

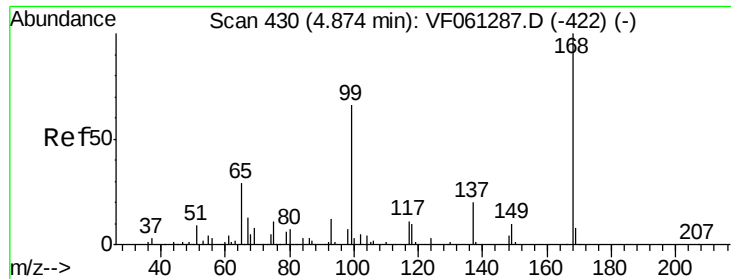
Instrument :
MSVOA_F
ClientSampleId :
HD-02-010819

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Quant Time: Jan 10 15:29:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
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: VF061311.D

Acq: 9 Jan 2019 20:01

Instrument :

MSVOA_F

ClientSampleId :

HD-02-010819

Tot Ion:168 Resp: 193855

Ion Ratio Lower Upper

168 100

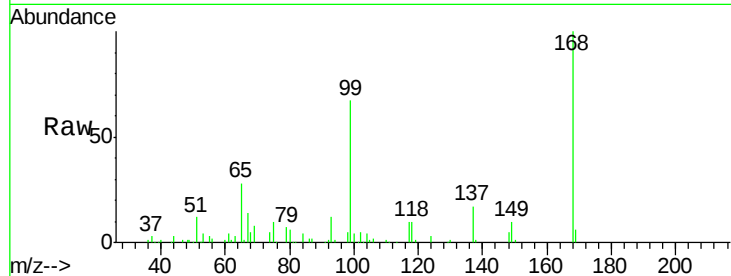
99 67.0 52.7 79.1

Manual Integrations

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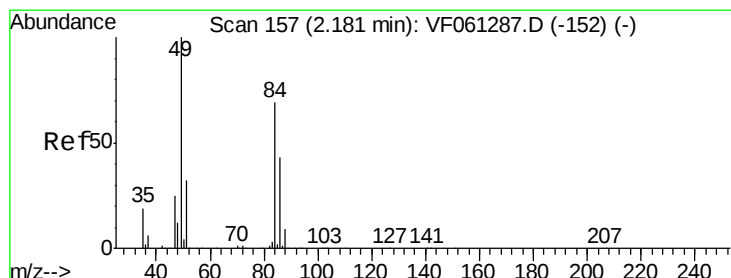
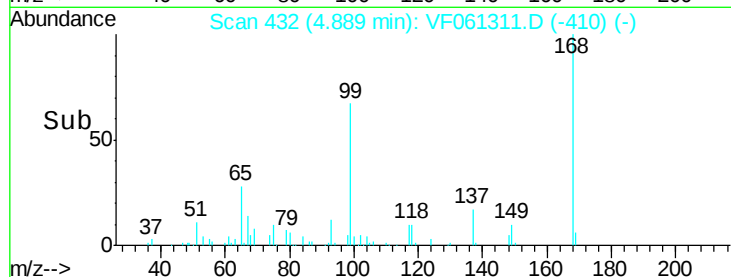
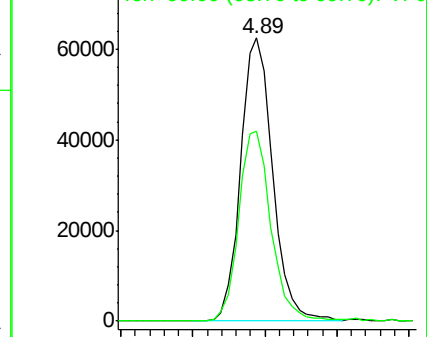
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 5.749 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. 0.00 min

Lab File: VF061311.D

Acq: 9 Jan 2019 20:01

Tgt Ion: 84 Resp: 12207

Ion Ratio Lower Upper

84 100

49 156.3 116.6 175.0

51 46.4 37.7 56.5

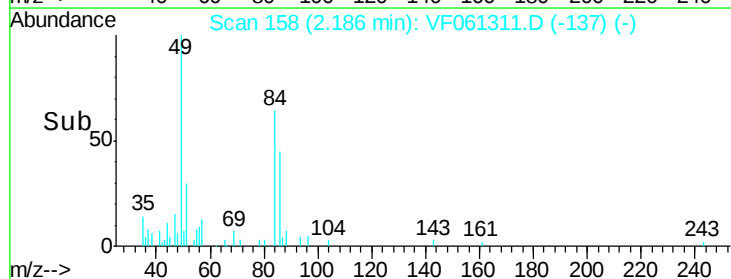
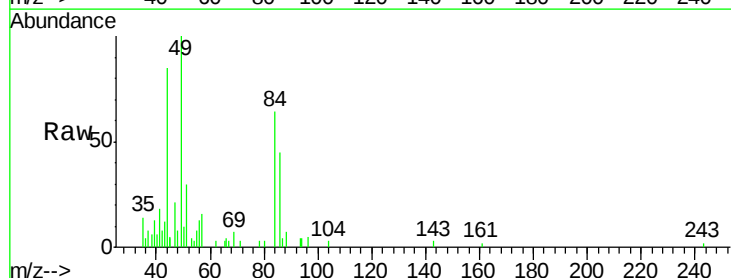
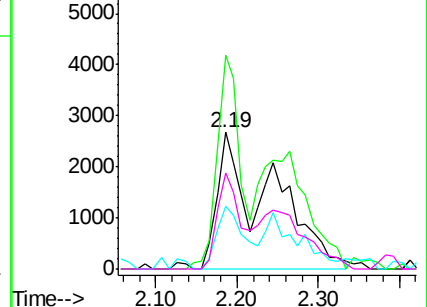
86 70.7 49.8 74.8

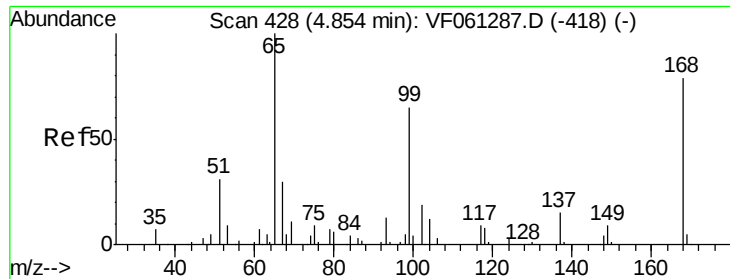
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





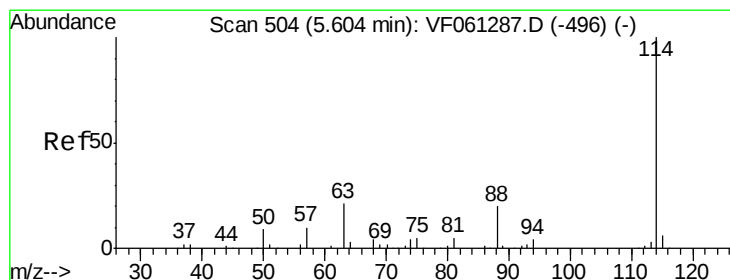
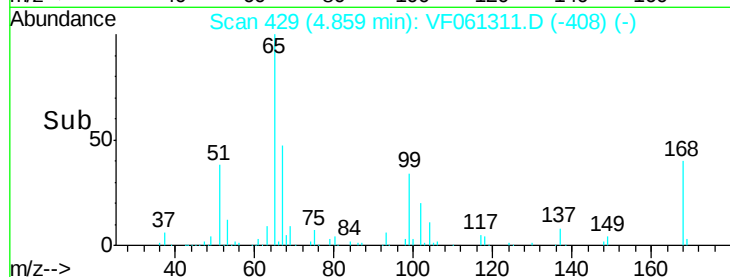
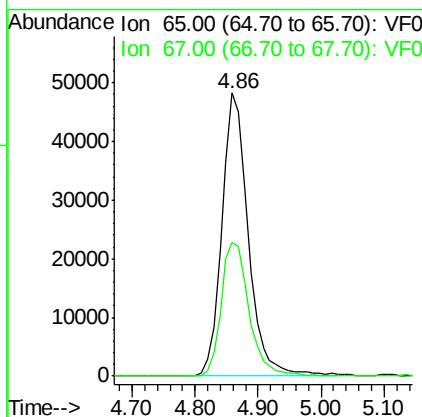
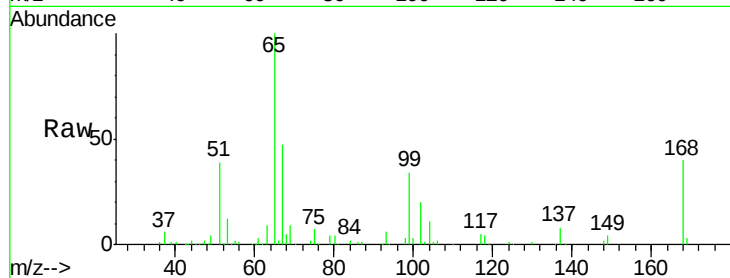
#33
 1,2-Dichloroethane-d4
 Concen: 65.195 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: VF061311.D
 Acq: 9 Jan 2019 20:01

Instrument :
 MSVOA_F
 ClientSampleId :
 HD-02-010819

Tot Ion	Ratio	Resp	Lower	Upper
65	100	140672		
67	47.2	0.0	98.2	

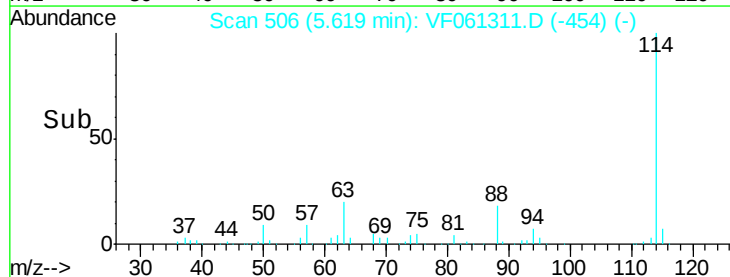
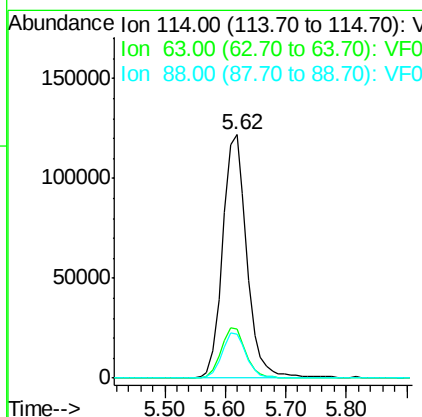
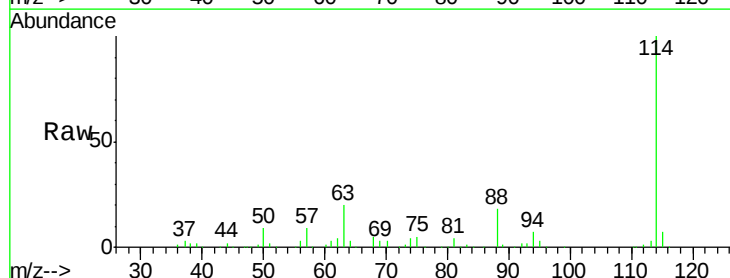
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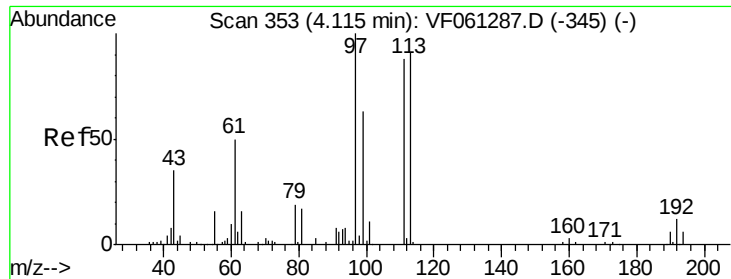
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. 0.01 min
 Lab File: VF061311.D
 Acq: 9 Jan 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	339169		
63	20.0	0.0	42.8	
88	17.9	0.0	40.0	





#35

Dibromofluoromethane

Concen: 58.730 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.01 min

Lab File: VF061311.D

Acq: 9 Jan 2019 20:01

Instrument :

MSVOA_F

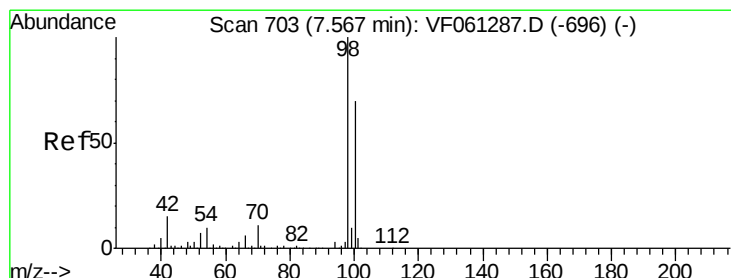
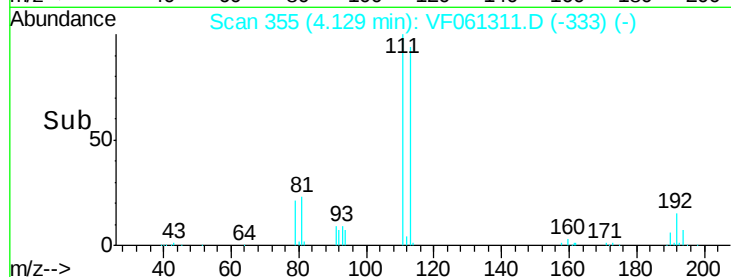
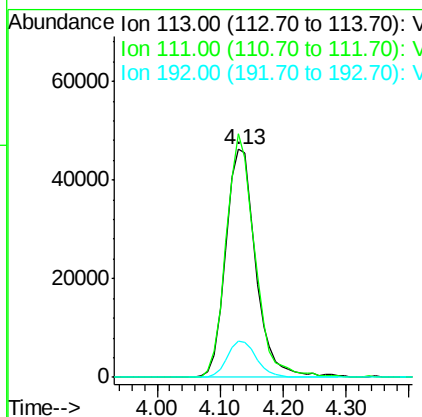
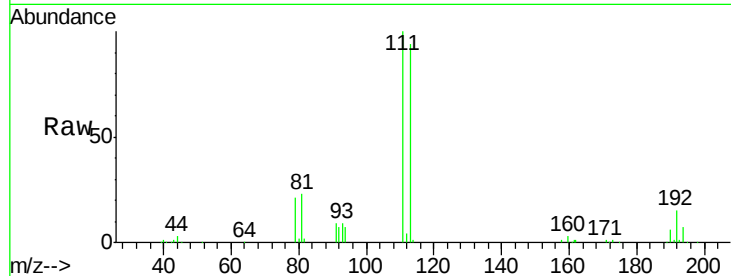
ClientSampleId :

HD-02-010819

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.9	78.0	117.0
192	16.3	10.6	16.0

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#50

Toluene-d8

Concen: 38.953 ug/l

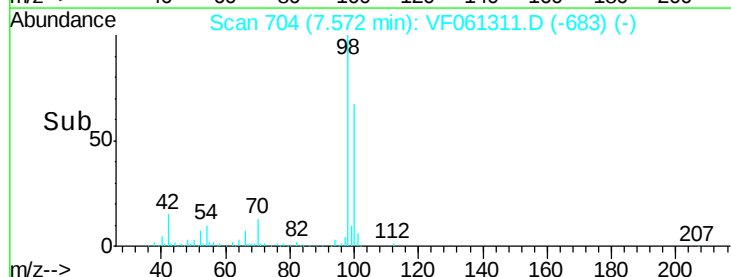
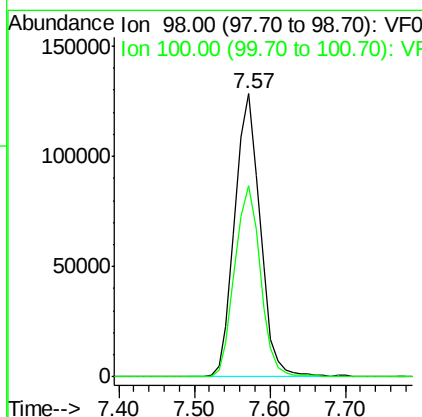
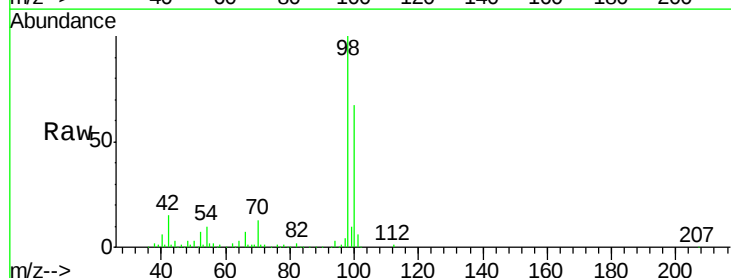
RT: 7.57 min Scan# 704

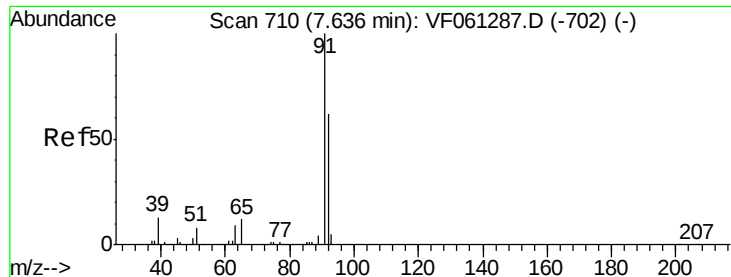
Delta R.T. 0.00 min

Lab File: VF061311.D

Acq: 9 Jan 2019 20:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	55.6	83.4





#52

Toluene

Concen: 4.226 ug/l

RT: 7.64 min Scan# 711

Delta R.T. 0.00 min

Lab File: VF061311.D

Acq: 9 Jan 2019 20:01

Instrument :

MSVOA_F

ClientSampleId :

HD-02-010819

Tot Ion: 92 Resp: 25118

Ion Ratio Lower Upper

92 100

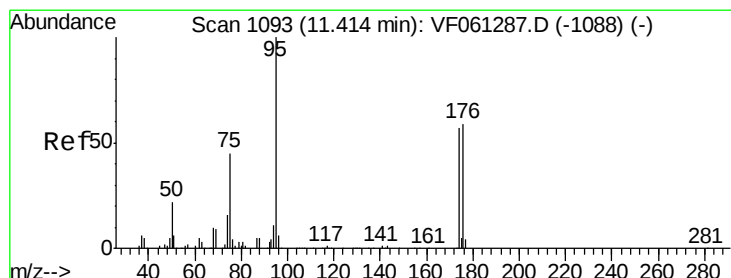
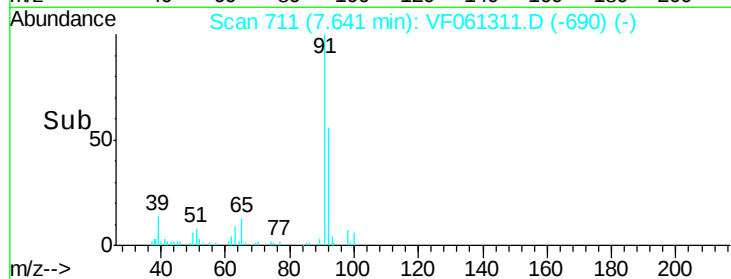
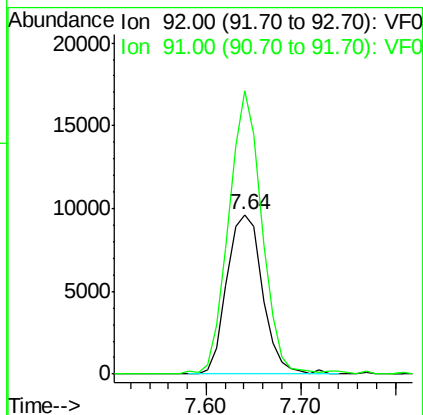
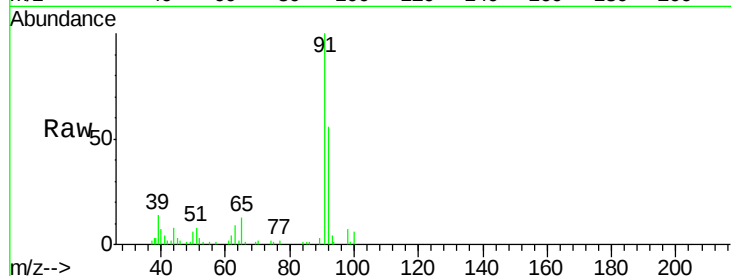
91 177.5 129.2 193.8

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#62

4-Bromofluorobenzene

Concen: 45.030 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061311.D

Acq: 9 Jan 2019 20:01

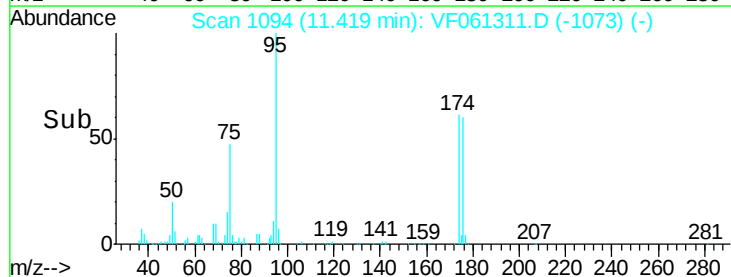
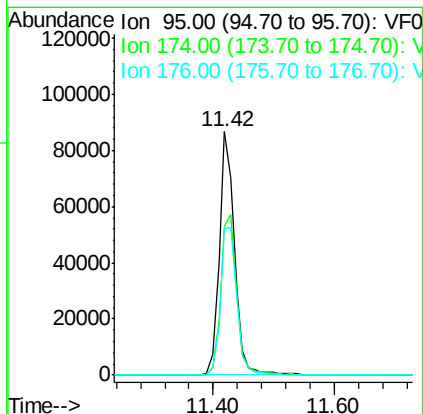
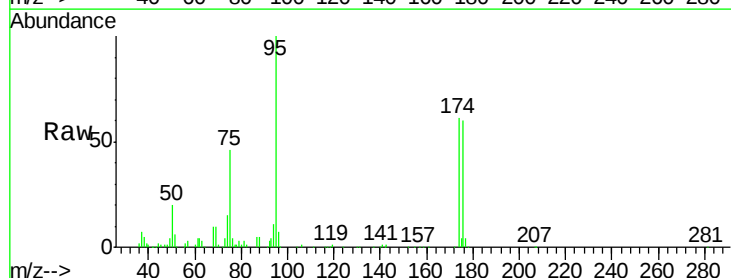
Tgt Ion: 95 Resp: 151009

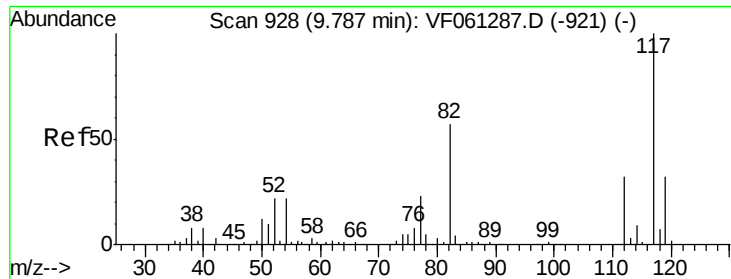
Ion Ratio Lower Upper

95 100

174 61.1 0.0 114.2

176 60.1 0.0 117.8





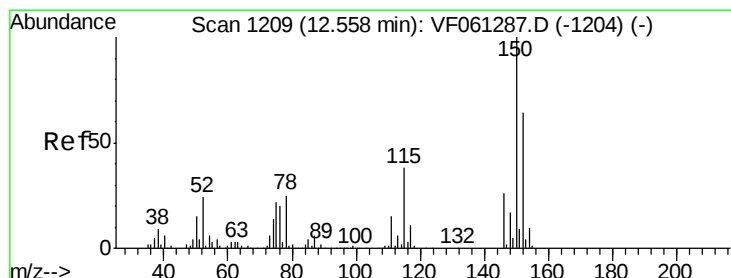
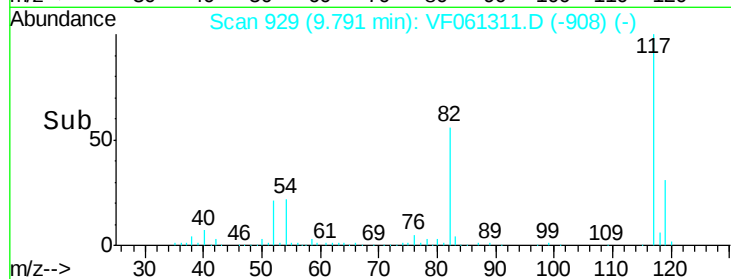
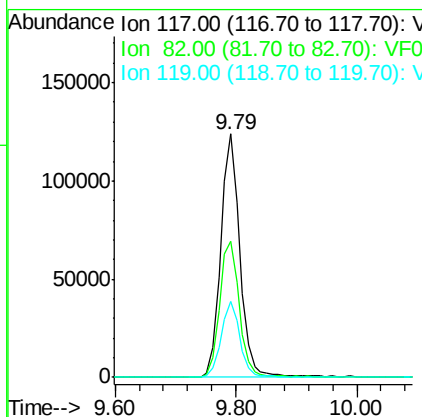
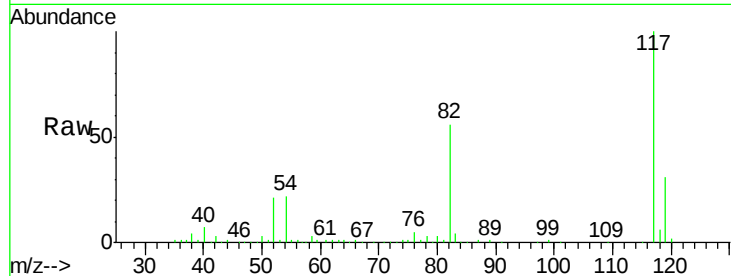
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF061311.D
Acq: 9 Jan 2019 20:01

Instrument :
MSVOA_F
ClientSampleId :
HD-02-010819

Tot Ion	Ratio	Resp	Lower	Upper
117	100	272927		
82	55.8	45.3	67.9	
119	31.2	25.4	38.0	

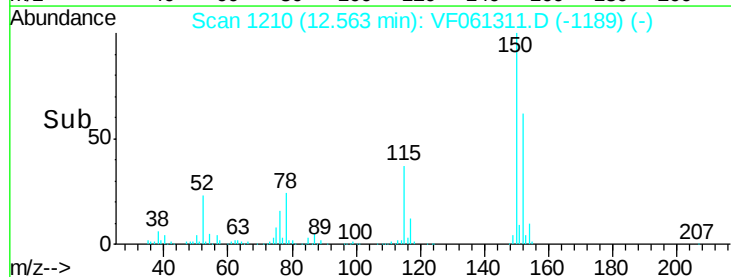
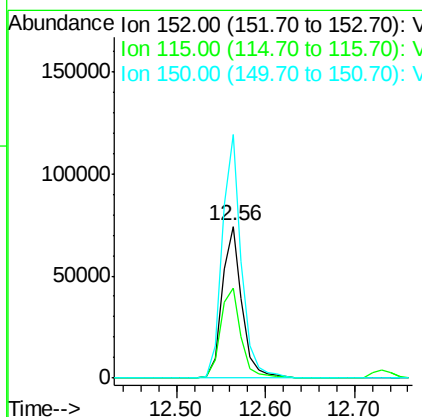
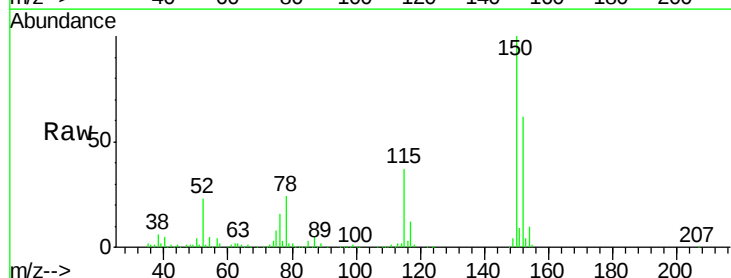
Manual Integrations
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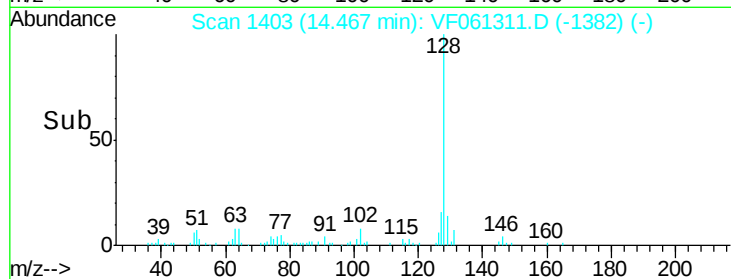
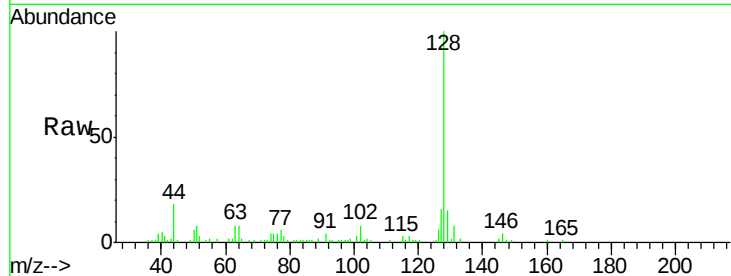
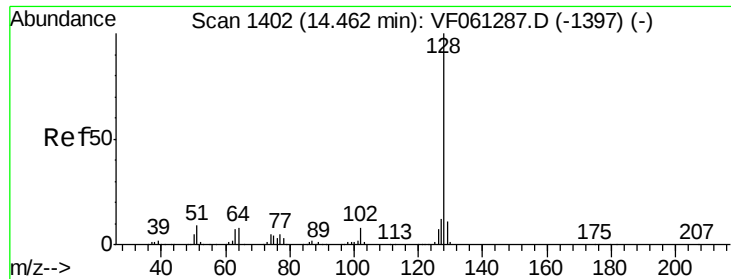
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VF061311.D
Acq: 9 Jan 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	116359		
115	59.2	29.6	88.9	
150	160.2	0.0	315.4	





#95

Naphthalene

Concen: 4.850 ug/l

RT: 14.47 min Scan# 1403

Delta R.T. 0.00 min

Lab File: VF061311.D

Acq: 9 Jan 2019 20:01

Instrument :

MSVOA_F

ClientSampleId :

HD-02-010819

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.8	9.4	14.0#
129	15.0	8.8	13.2#

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