

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011819\
 Data File : VF061463.D
 Acq On : 18 Jan 2019 17:01
 Operator : VA/AP
 Sample : K1013-01
 Misc : 5.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-011819-A

Manual Integrations
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 1/21/2019 11:11:43 AM

Quant Time: Jan 19 04:35:38 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	206701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	374913	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	318368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	143107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	114169	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
35) Dibromofluoromethane	4.11	113	124079	41.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.88%	
50) Toluene-d8	7.55	98	304394	37.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.10%	
62) 4-Bromofluorobenzene	11.41	95	136925	36.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.32%	
Target Compounds						
16) Acetone	2.24	43	11901m	23.246	ug/l	98
20) Methylene Chloride	2.24	84	20981m	10.691	ug/l	
95) Naphthalene	14.46	128	82635	13.502	ug/l	

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

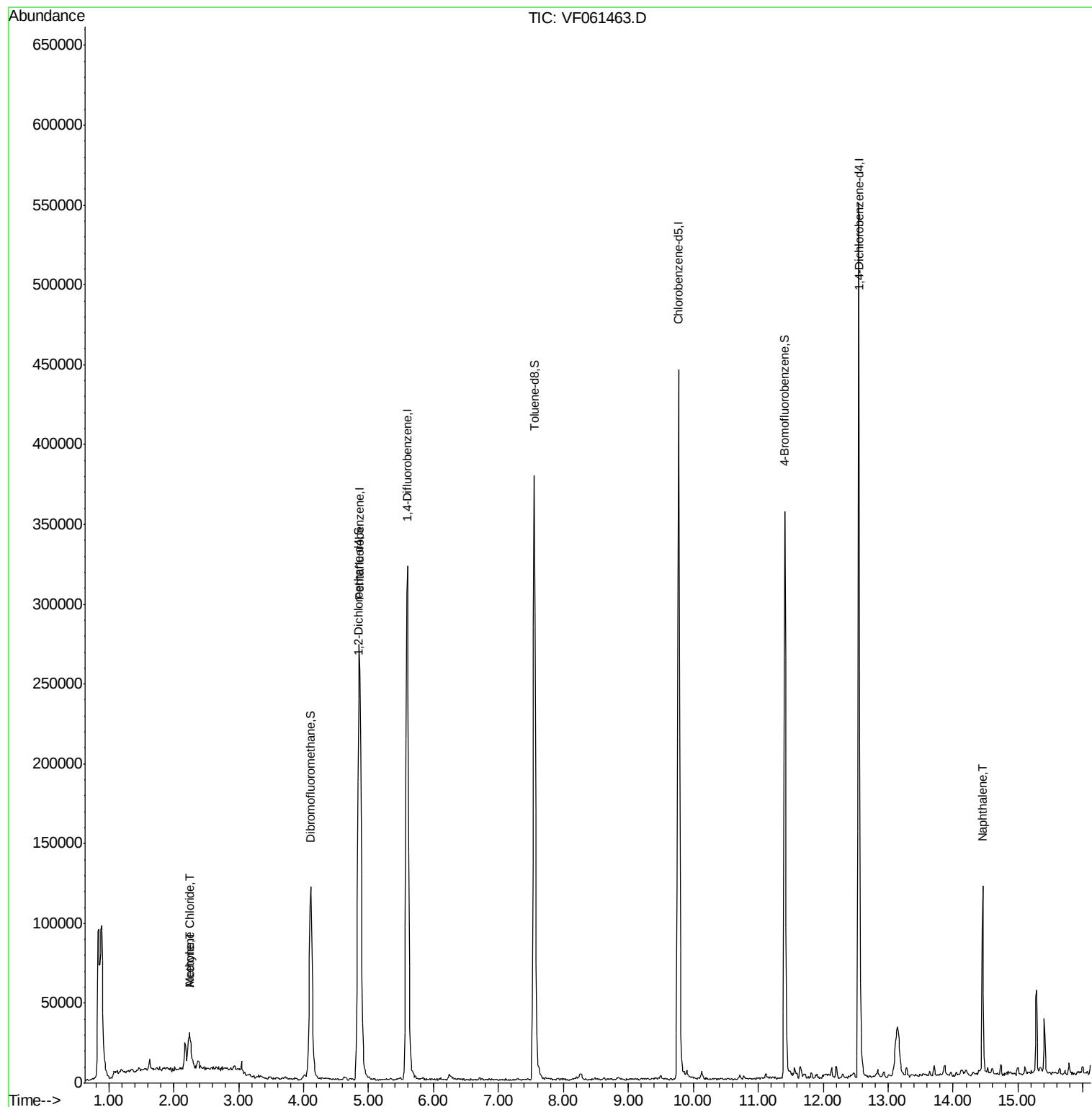
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011819\
Data File : VF061463.D
Acq On : 18 Jan 2019 17:01
Operator : VA/AP
Sample : K1013-01
Misc : 5.01µ/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

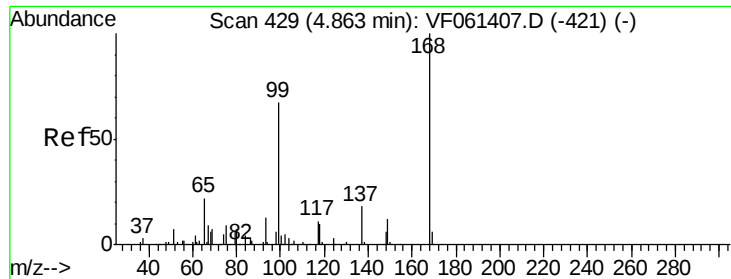
Instrument :
MSVOA_F
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF061463.D

Acq: 18 Jan 2019 17:01

Instrument :

MSVOA_F

ClientSampleId :

PL-01-011819-A

Tot Ion:168 Resp: 206701

Ion Ratio Lower Upper

168 100

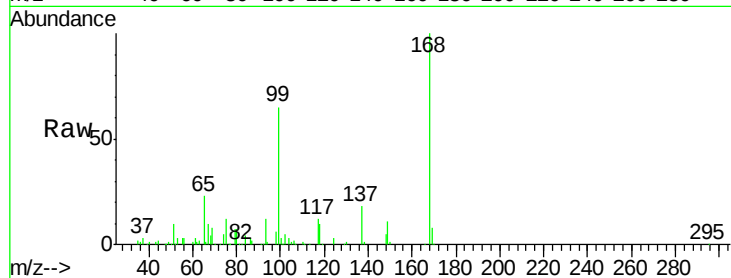
99 65.2 53.5 80.3

Manual Integrations

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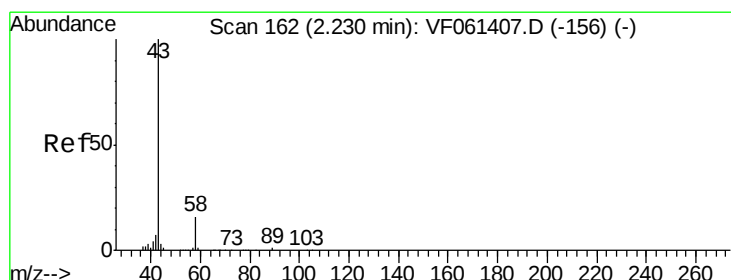
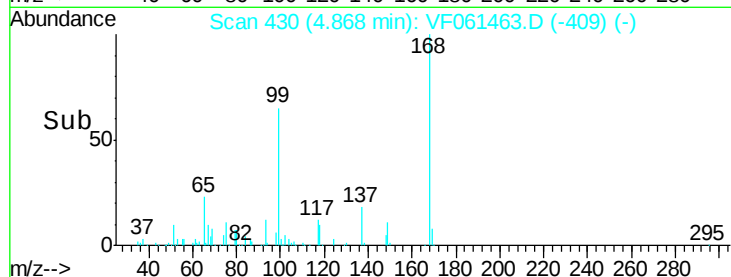
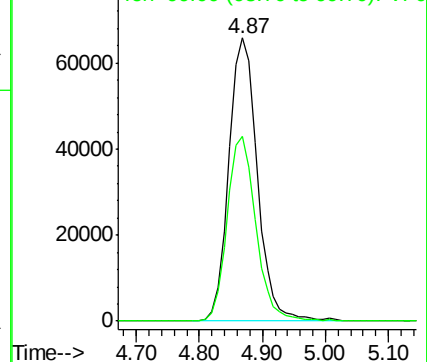
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 23.246 ug/l m

RT: 2.24 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061463.D

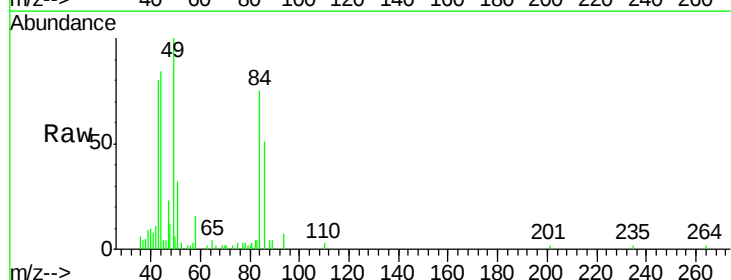
Acq: 18 Jan 2019 17:01

Tgt Ion: 43 Resp: 11901

Ion Ratio Lower Upper

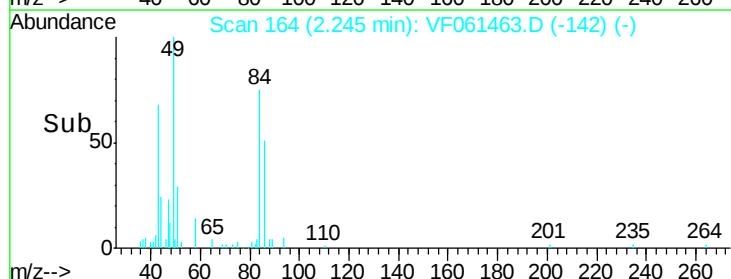
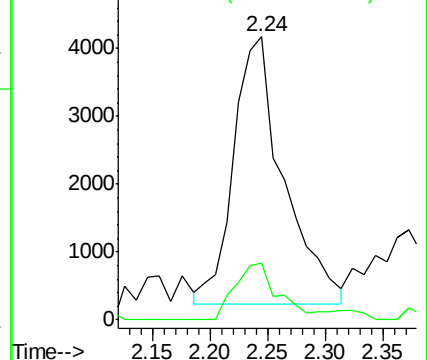
43 100

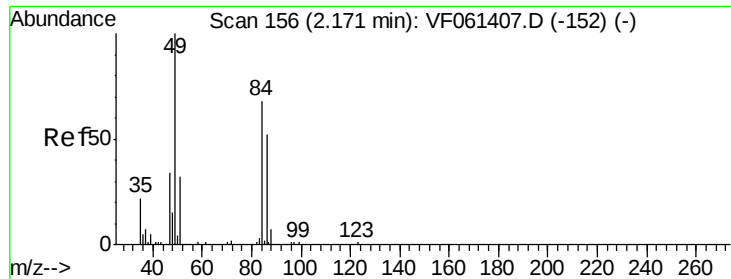
58 20.1 13.3 19.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





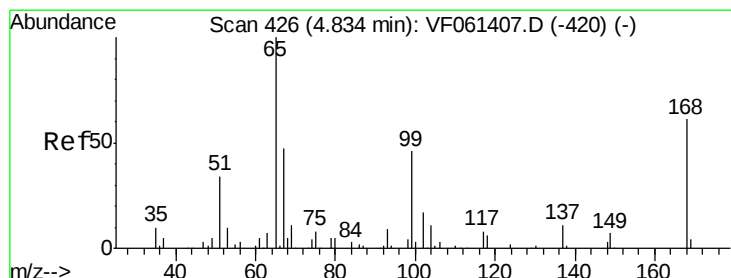
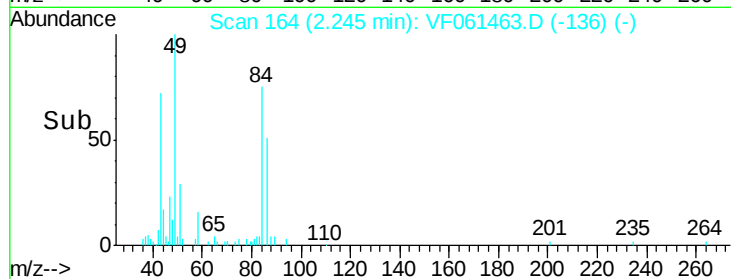
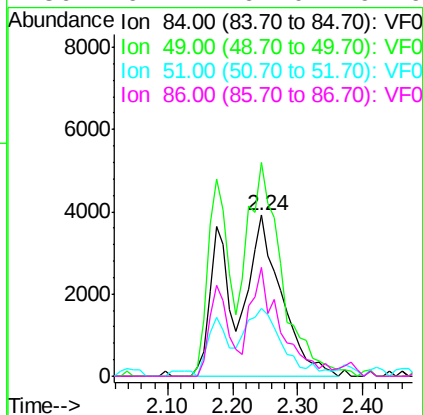
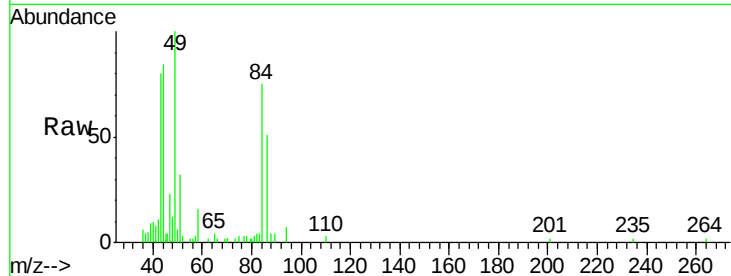
#20
Methylene Chloride
Concen: 10.691 ug/l m
RT: 2.24 min Scan# 164
Delta R.T. 0.07 min
Lab File: VF061463.D
Acq: 18 Jan 2019 17:01

Instrument :
MSVOA_F
ClientSampleId :
PL-01-011819-A

Tot Ion:	84	Resp:	20981
Ion	Ratio	Lower	Upper
84	100		
49	132.6	120.0	180.0
51	42.0	38.6	58.0
86	67.2	61.0	91.6

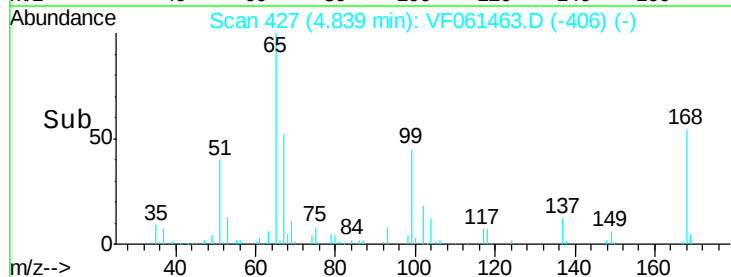
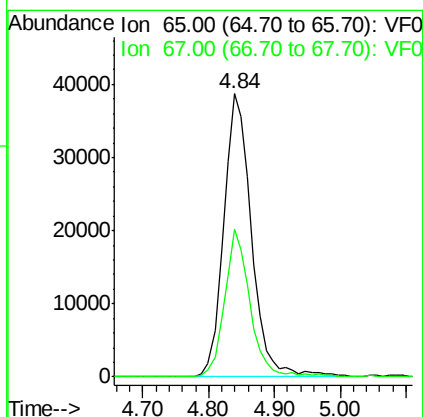
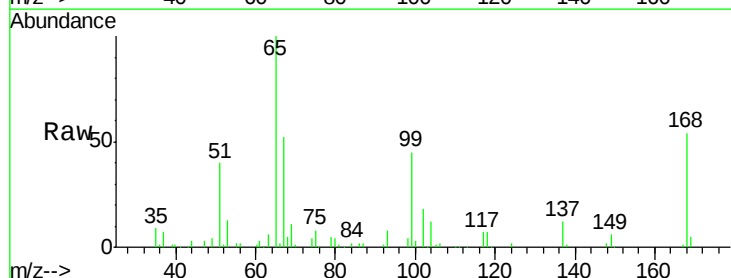
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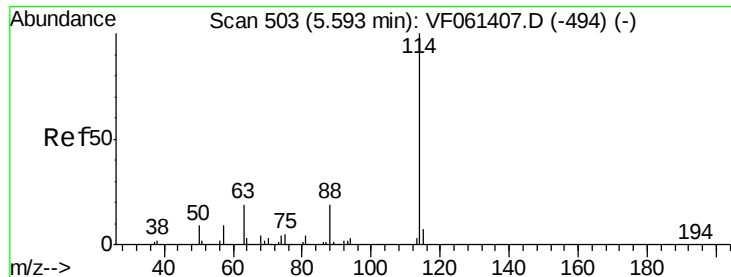
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#33
1,2-Dichloroethane-d4
Concen: 44.737 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.00 min
Lab File: VF061463.D
Acq: 18 Jan 2019 17:01

Tgt Ion:	65	Resp:	114169
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF061463.D

Acq: 18 Jan 2019 17:01

Instrument :

MSVOA_F

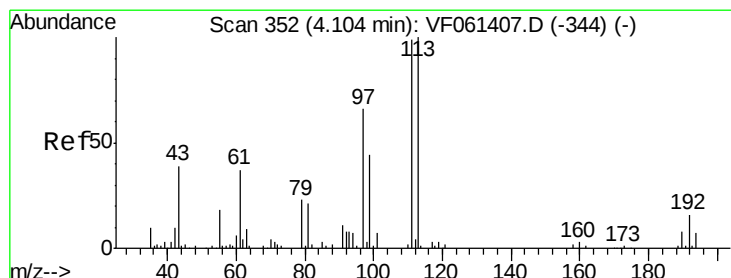
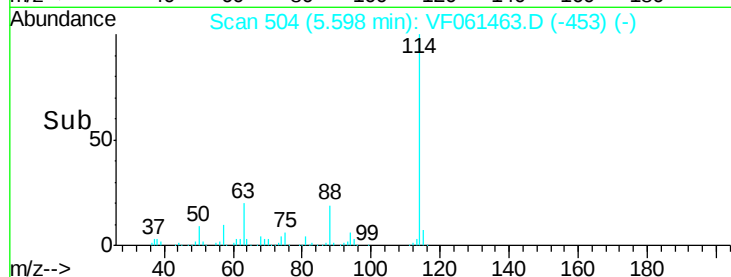
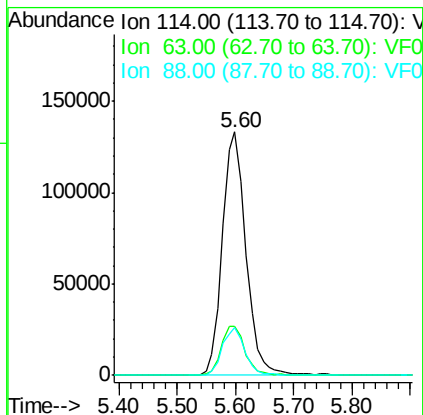
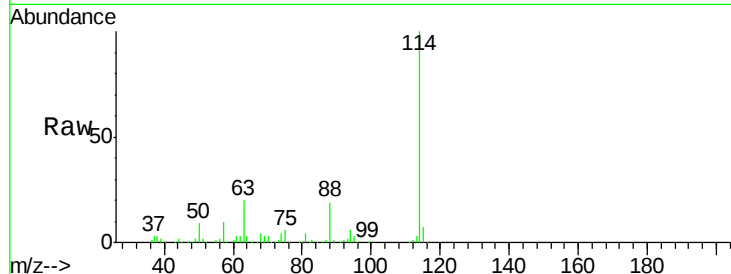
ClientSampleId :

PL-01-011819-A

Tot Ion:	114	Resp:	374913
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	39.0
88	19.5	0.0	37.4

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#35

Dibromofluoromethane

Concen: 41.941 ug/l

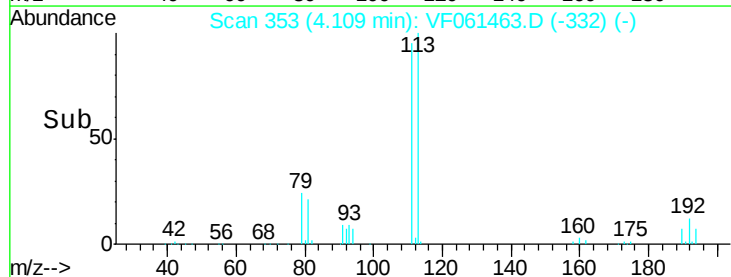
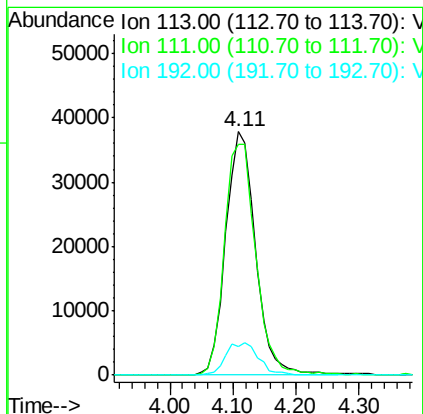
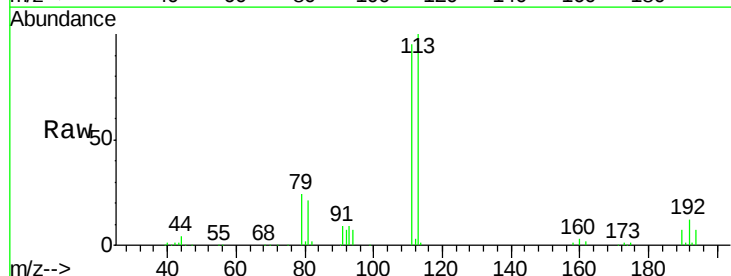
RT: 4.11 min Scan# 353

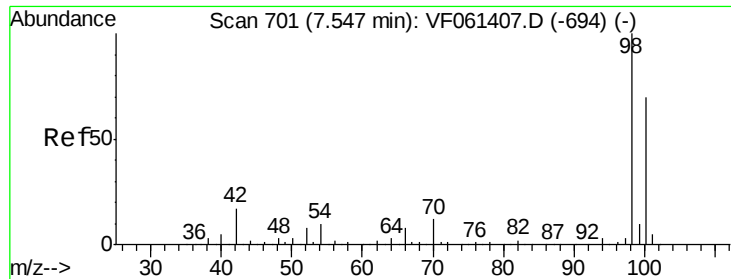
Delta R.T. 0.00 min

Lab File: VF061463.D

Acq: 18 Jan 2019 17:01

Tgt Ion:	113	Resp:	124079
Ion Ratio	Lower	Upper	
113	100		
111	95.0	79.4	119.0
192	12.3	12.4	18.6#





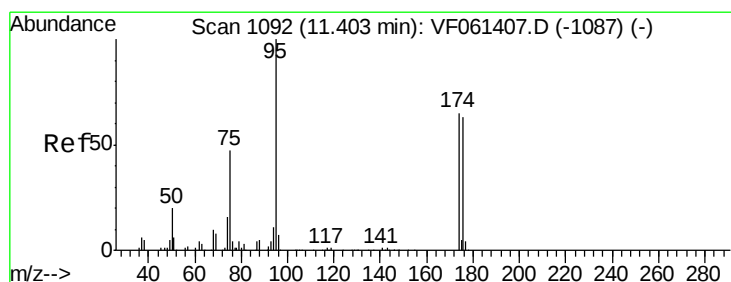
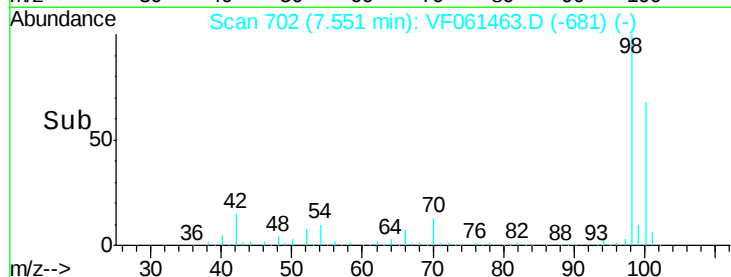
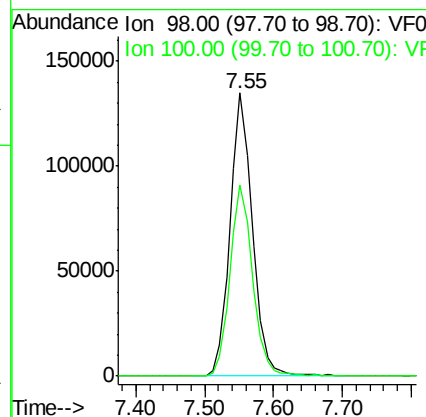
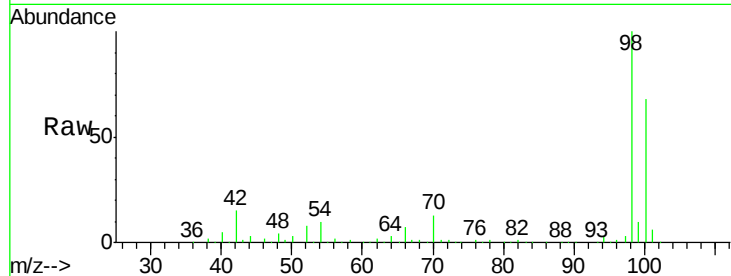
#50
Toluene-d8
Concen: 37.554 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061463.D
Acq: 18 Jan 2019 17:01

Instrument :
MSVOA_F
ClientSampleId :
PL-01-011819-A

Tot Ion: 98 Resp: 304394
Ion Ratio Lower Upper
98 100
100 67.5 55.6 83.4

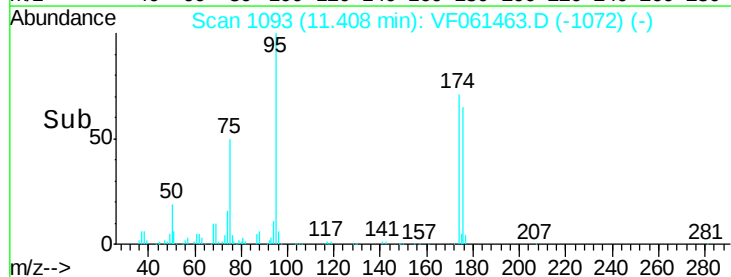
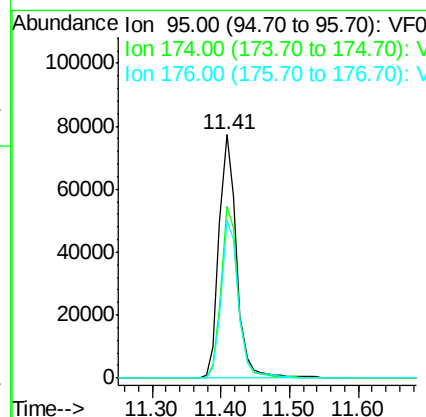
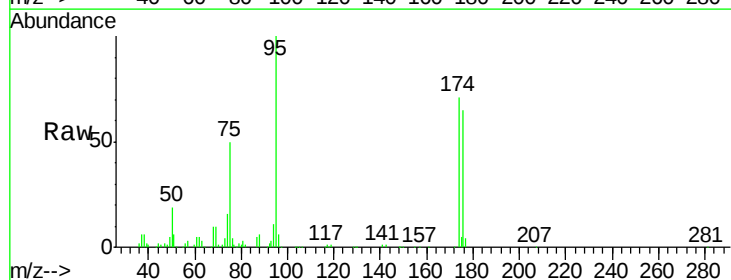
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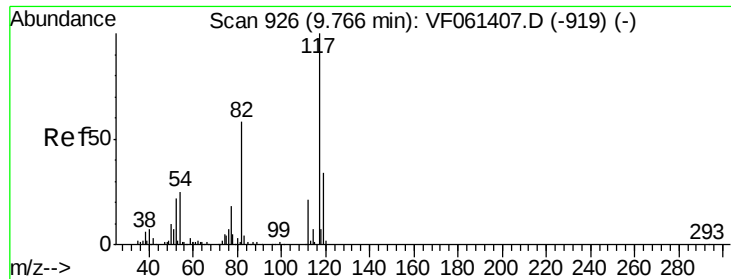
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#62
4-Bromofluorobenzene
Concen: 36.156 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061463.D
Acq: 18 Jan 2019 17:01

Tgt Ion: 95 Resp: 136925
Ion Ratio Lower Upper
95 100
174 70.7 0.0 130.4
176 64.6 0.0 126.2





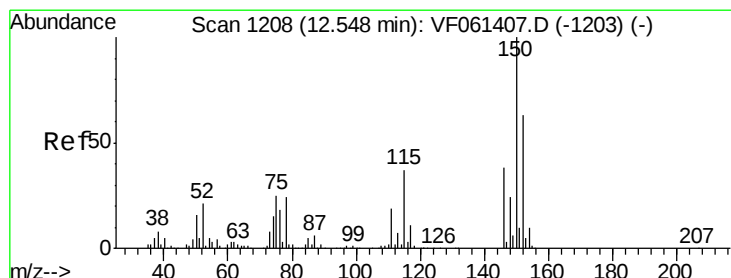
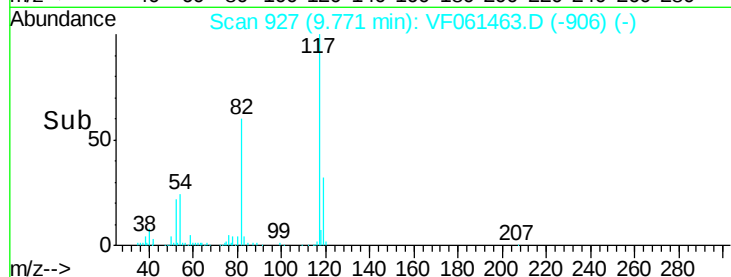
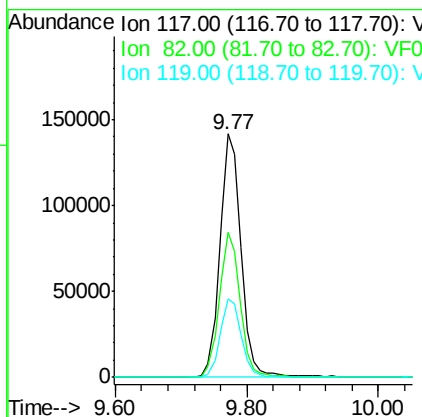
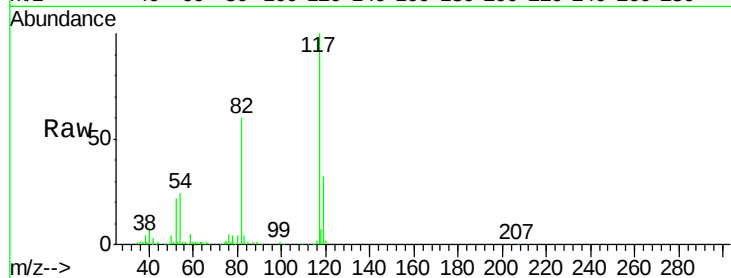
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061463.D
Acq: 18 Jan 2019 17:01

Instrument :
MSVOA_F
ClientSampleId :
PL-01-011819-A

Tot Ion	Ratio	Resp	Lower	Upper
117	100	318368		
82	59.5	46.4	69.6	
119	32.5	27.2	40.8	

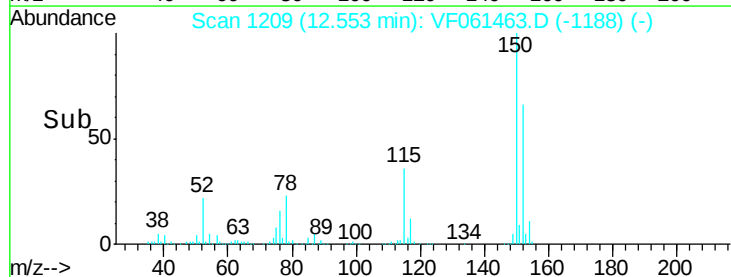
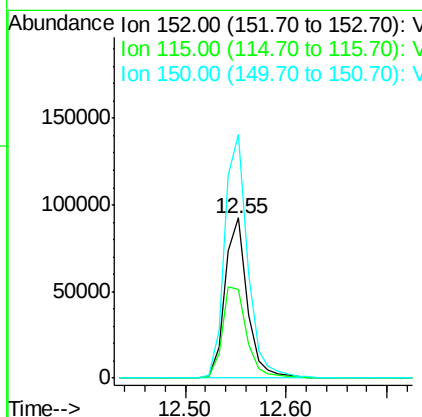
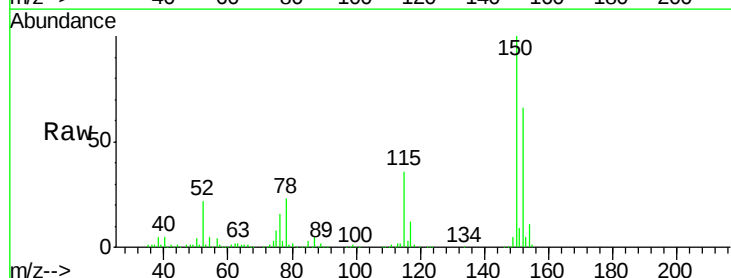
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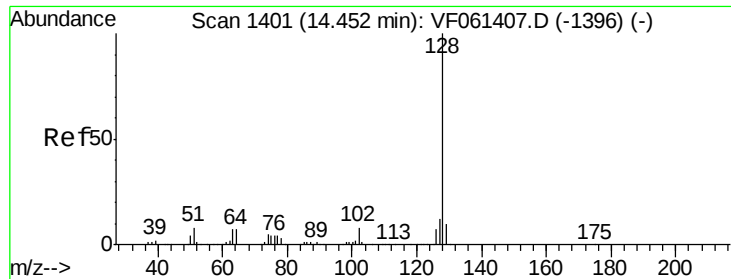
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061463.D
Acq: 18 Jan 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	143107		
115	55.3	30.0	90.0	
150	152.1	0.0	321.4	





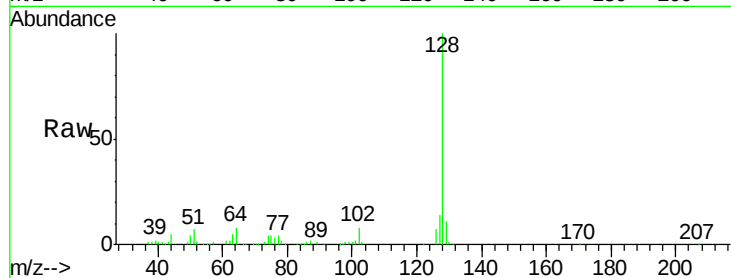
#95
Naphthalene
Concen: 13.502 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.00 min
Lab File: VF061463.D
Acq: 18 Jan 2019 17:01

Instrument :
MSVOA_F
ClientSampleId :
PL-01-011819-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	9.5	14.3
129	10.6	8.4	12.6

Manual Integrations
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Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

