

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061323.D
 Acq On : 10 Jan 2019 3:40
 Operator : VA/AP
 Sample : K1082-31
 Misc : 4.57g/5mL/MSVOA-F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-5

Manual Integrations
 APPROVED

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Quant Time: Jan 10 07:16:19 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	4.88	168	195648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	361975	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	303612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	156715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	126169	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	
35) Dibromofluoromethane	4.13	113	141487	51.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	7.57	98	327990	40.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.04%	
62) 4-Bromofluorobenzene	11.42	95	151456	42.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.64%	
Target Compounds						
16) Acetone	2.24	43	21169	41.788	ug/l #	90
20) Methylene Chloride	2.19	84	12457m	5.813	ug/l	
52) Toluene	7.64	92	24535	3.868	ug/l	99

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

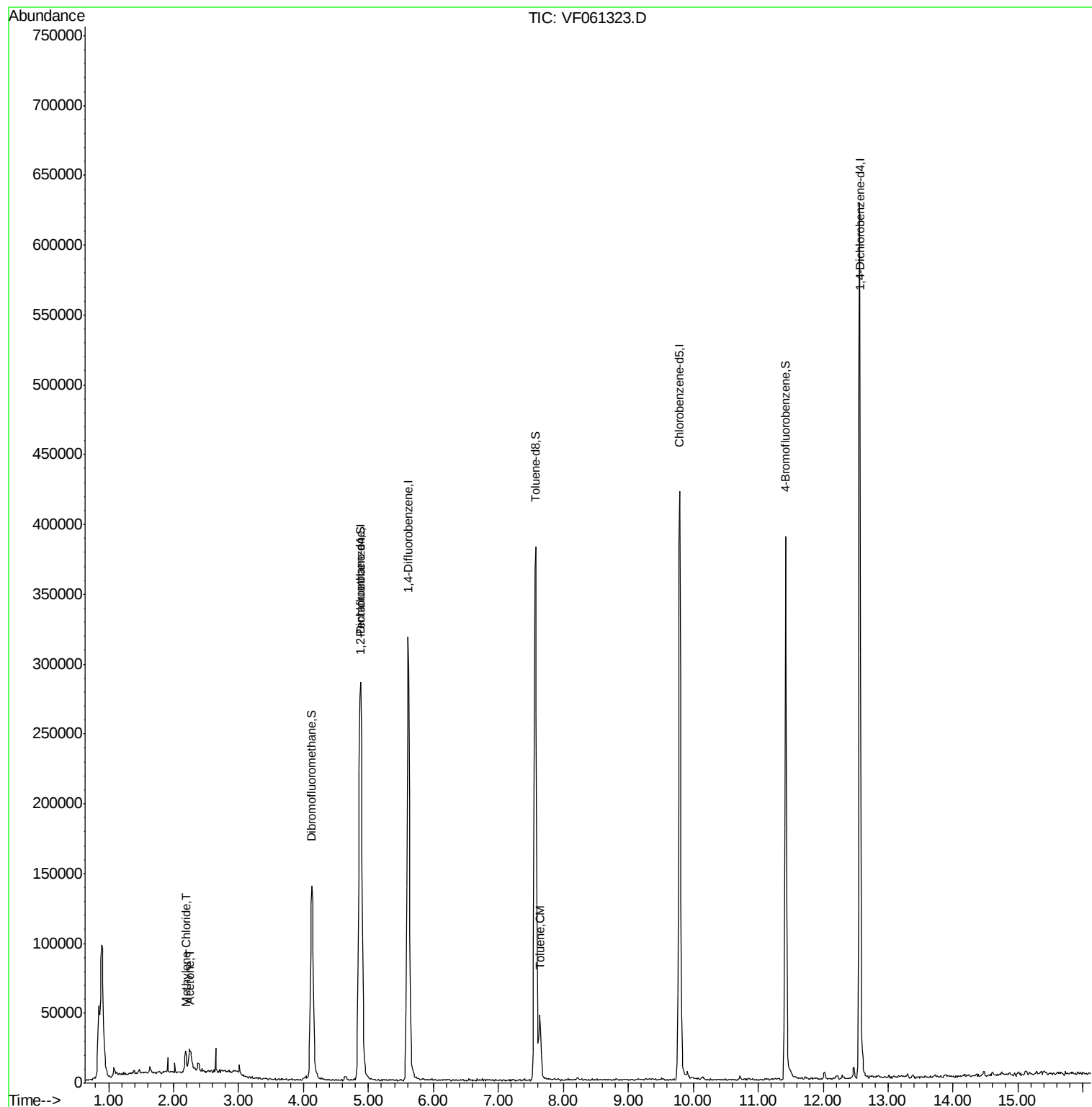
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061323.D
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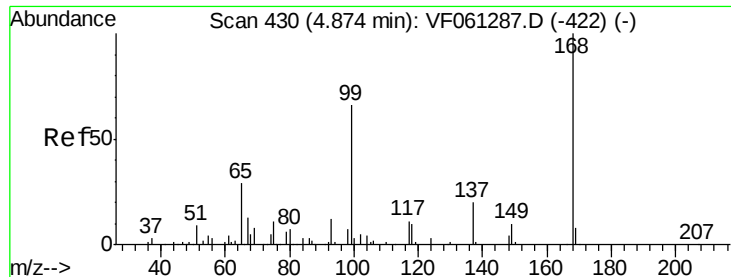
Instrument :
MSVOA_F
ClientSampleId :
SP-1-5

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Quant Time: Jan 10 07:16:19 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: 4.88 min Scan# 431

Delta R.T. 0.00 min

Lab File: VF061323.D

Acq: 10 Jan 2019 3:40

Instrument :

MSVOA_F

ClientSampleId :

SP-1-5

Tot Ion:168 Resp: 195648

Ion Ratio Lower Upper

168 100

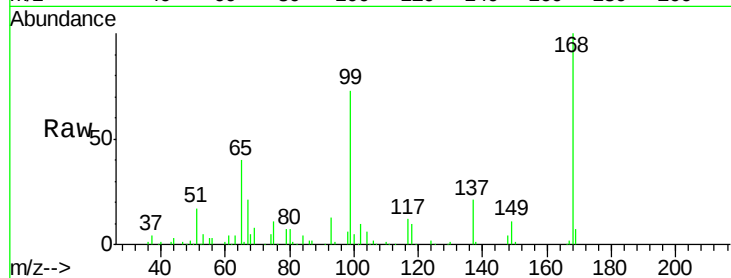
99 72.7 52.7 79.1

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

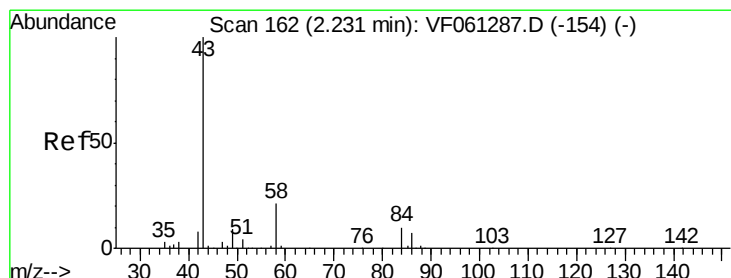
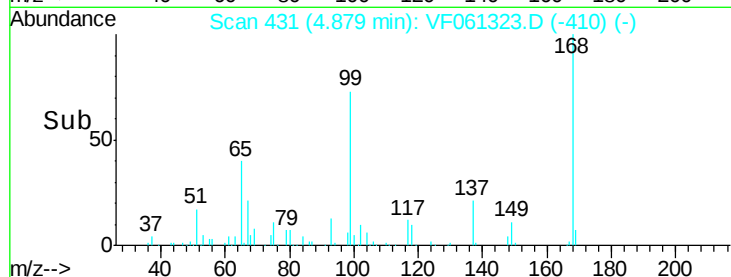
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#16

Acetone

Concen: 41.788 ug/l

RT: 2.24 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061323.D

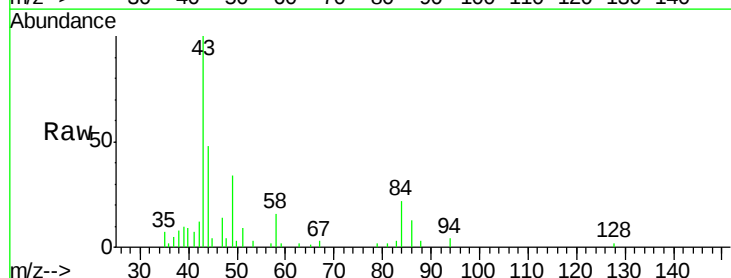
Acq: 10 Jan 2019 3:40

Tgt Ion: 43 Resp: 21169

Ion Ratio Lower Upper

43 100

58 16.1 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

8000

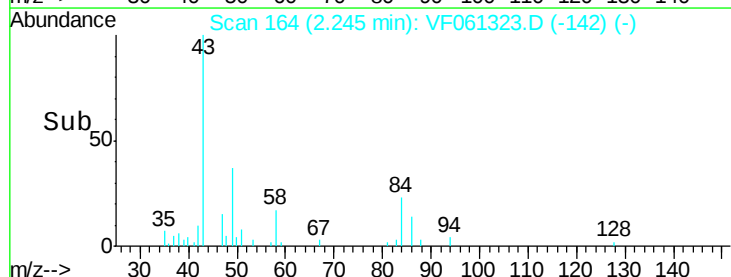
6000

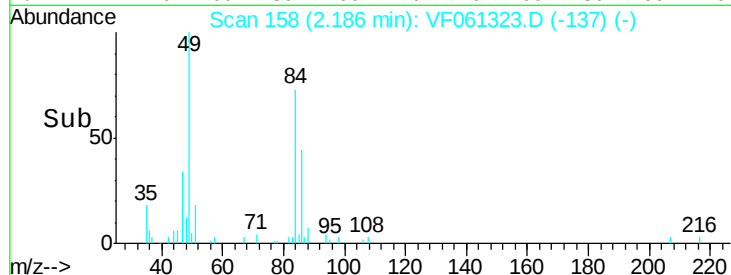
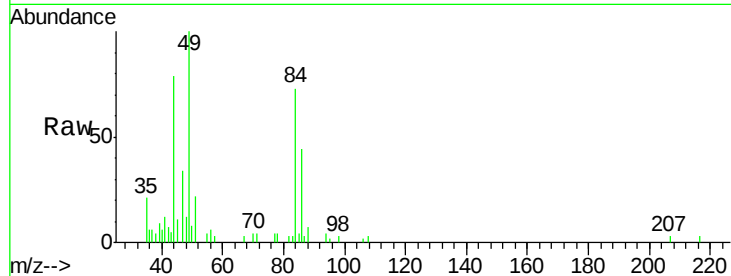
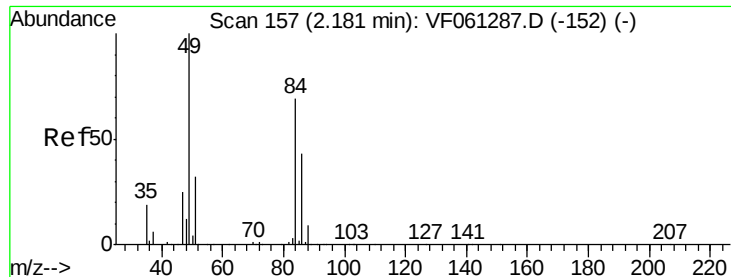
4000

2000

0

Time--> 2.20 2.30





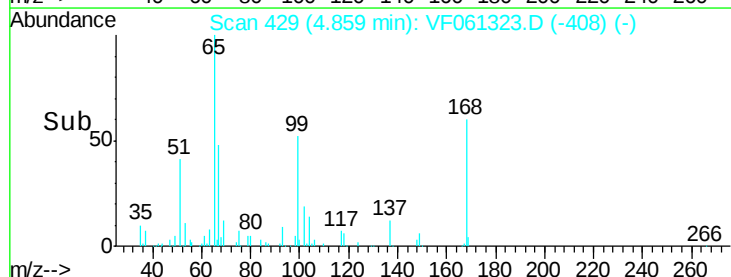
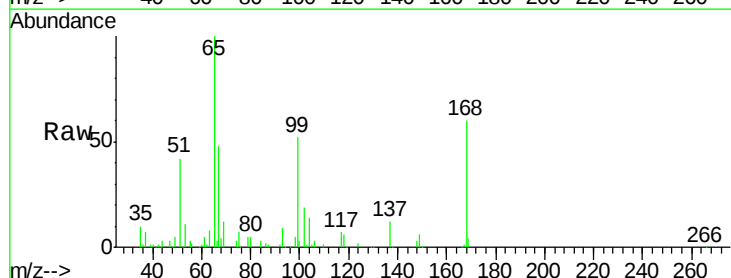
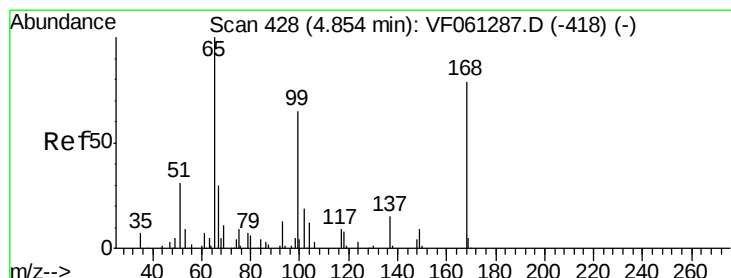
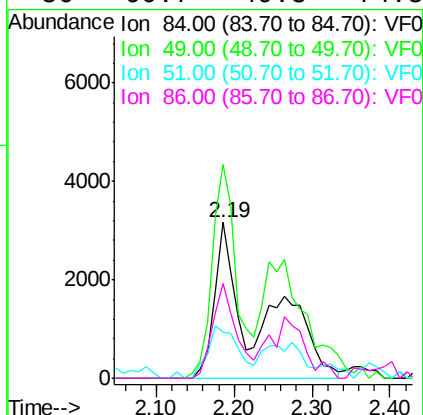
#20
Methvlene Chloride
Concen: 5.813 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF061323.D
Acq: 10 Jan 2019 3:40

Tot Ion	Ratio	Lower	Upper
84	100		
49	137.0	116.6	175.0
51	29.8	37.7	56.5#
86	60.7	49.8	74.8

Instrument :
MSVOA_F
ClientSampleId :
SP-1-5

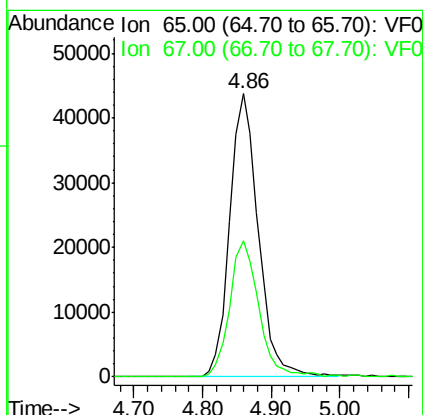
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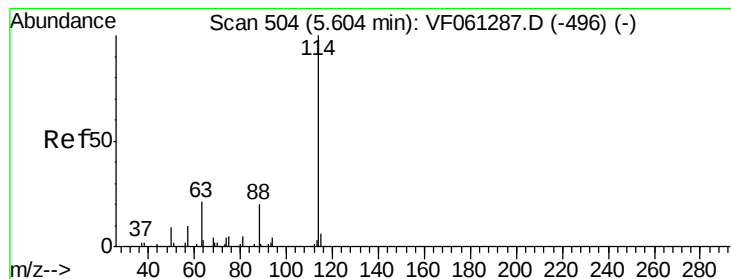
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#33
1,2-Dichloroethane-d4
Concen: 57.937 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.00 min
Lab File: VF061323.D
Acq: 10 Jan 2019 3:40

Tgt Ion	Ratio	Lower	Upper
65	100		
67	48.1	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: VF061323.D

Acq: 10 Jan 2019 3:40

Instrument :

MSVOA_F

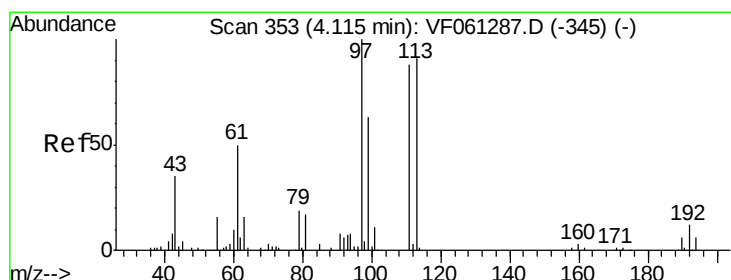
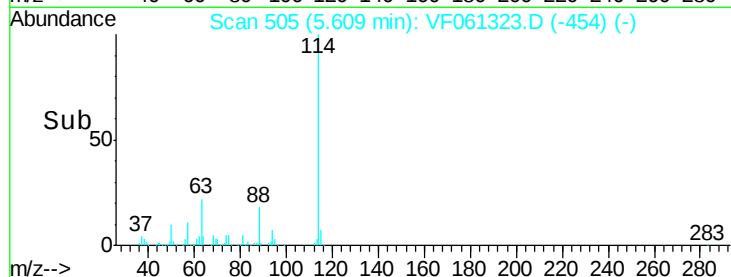
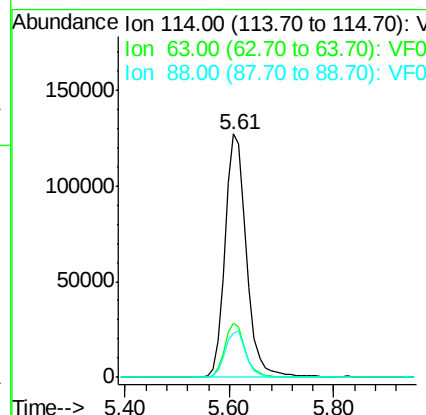
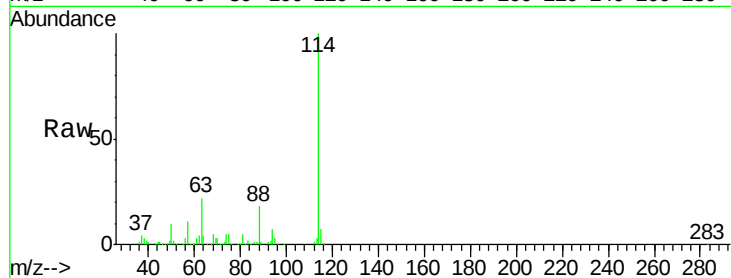
ClientSampleId :

SP-1-5

Tot Ion:	114	Resp:	361975
Ion Ratio	Lower	Upper	
114	100		
63	22.5	0.0	42.8
88	18.0	0.0	40.0

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#35

Dibromofluoromethane

Concen: 51.084 ug/l

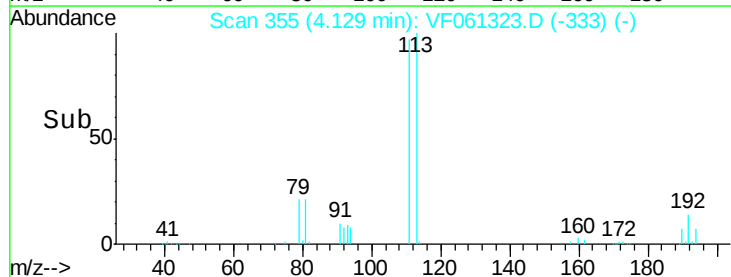
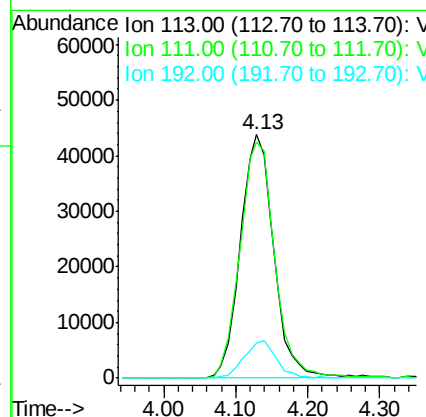
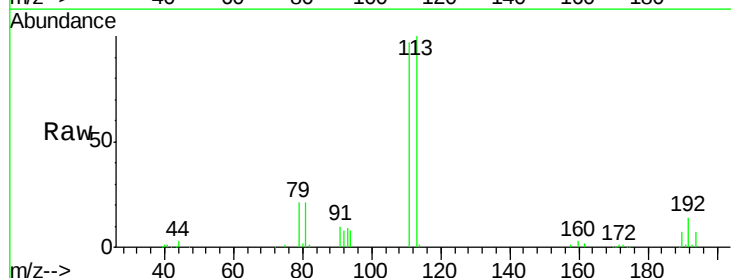
RT: 4.13 min Scan# 355

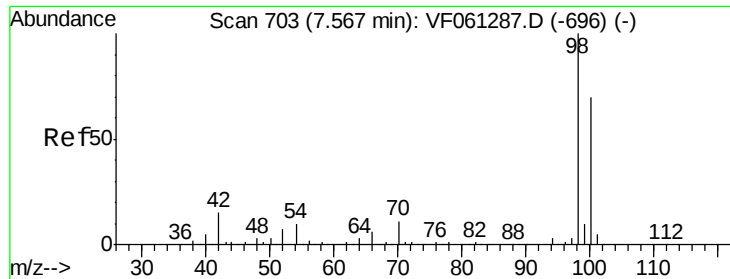
Delta R.T. 0.01 min

Lab File: VF061323.D

Acq: 10 Jan 2019 3:40

Tgt Ion:	113	Resp:	141487
Ion Ratio	Lower	Upper	
113	100		
111	97.0	78.0	117.0
192	14.4	10.6	16.0





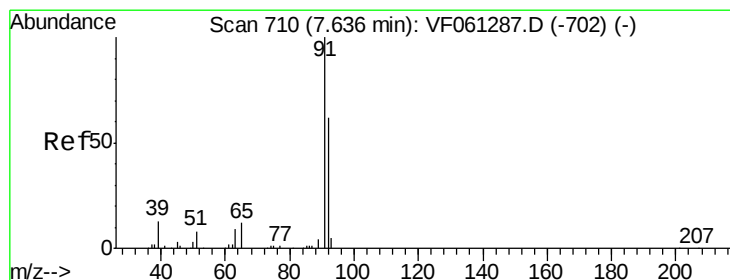
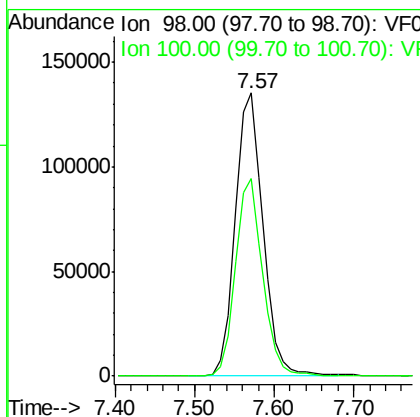
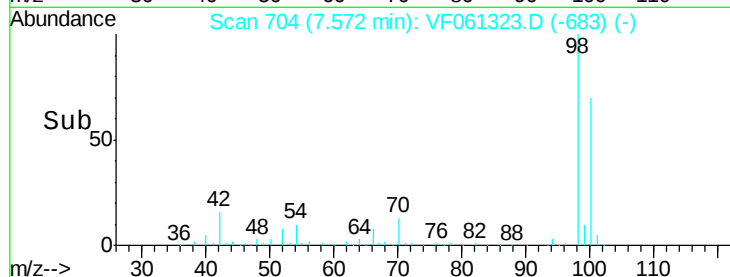
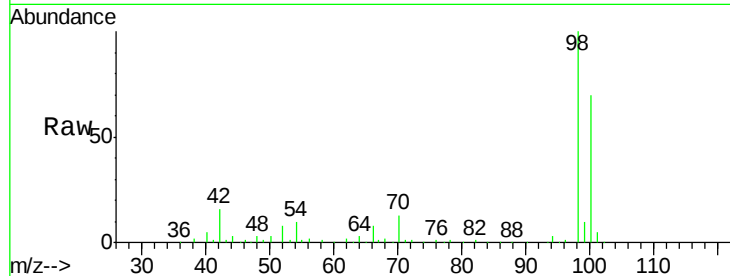
#50
Toluene-d8
Concen: 40.017 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.00 min
Lab File: VF061323.D
Acq: 10 Jan 2019 3:40

Instrument :
MSVOA_F
ClientSampleId :
SP-1-5

Tot Ion: 98 Resp: 327990
Ion Ratio Lower Upper
98 100
100 69.8 55.6 83.4

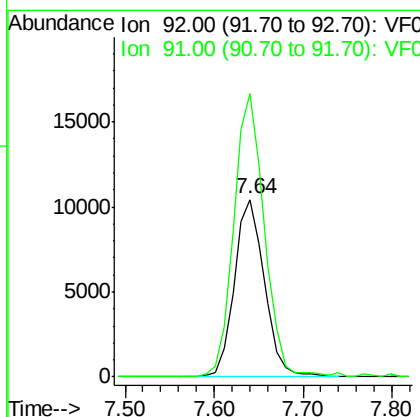
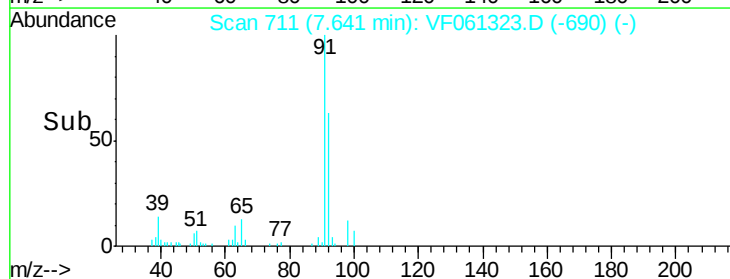
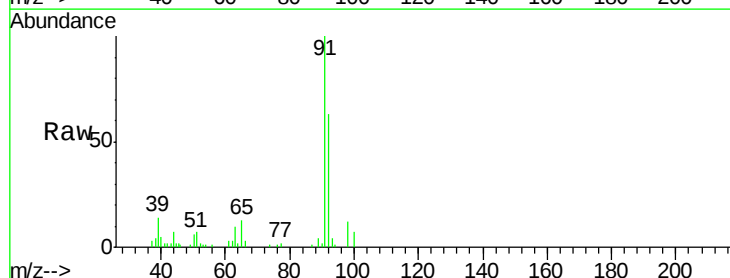
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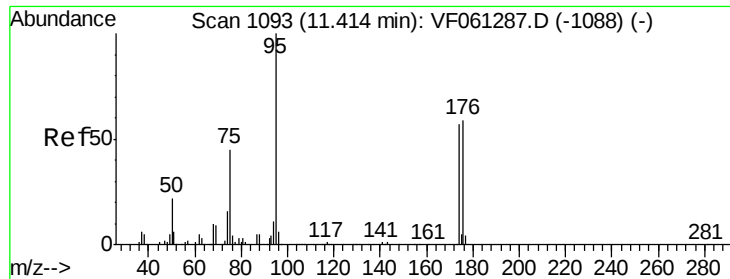
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#52
Toluene
Concen: 3.868 ug/l
RT: 7.64 min Scan# 711
Delta R.T. 0.00 min
Lab File: VF061323.D
Acq: 10 Jan 2019 3:40

Tgt Ion: 92 Resp: 24535
Ion Ratio Lower Upper
92 100
91 159.6 129.2 193.8





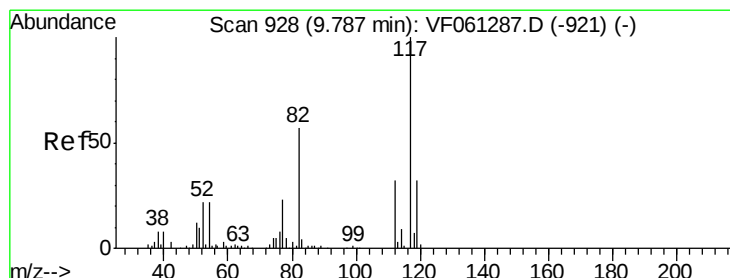
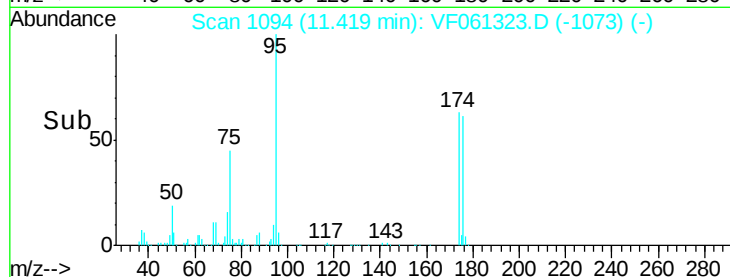
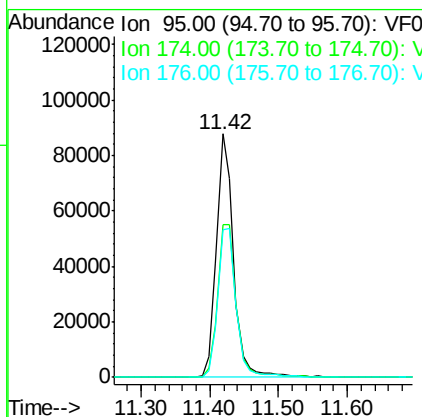
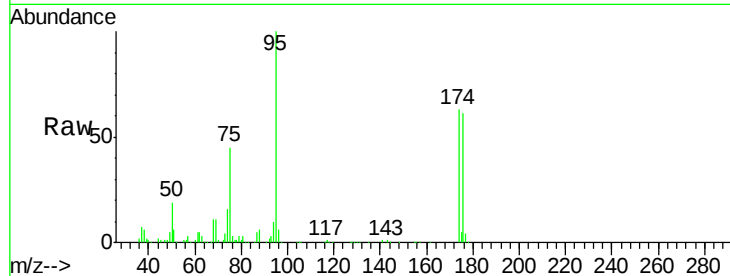
#62
4-Bromofluorobenzene
Concen: 42.318 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061323.D
Acq: 10 Jan 2019 3:40

Instrument :
MSVOA_F
ClientSampleId :
SP-1-5

Tot Ion	Ratio	Lower	Upper
95	100		
174	62.8	0.0	114.2
176	60.6	0.0	117.8

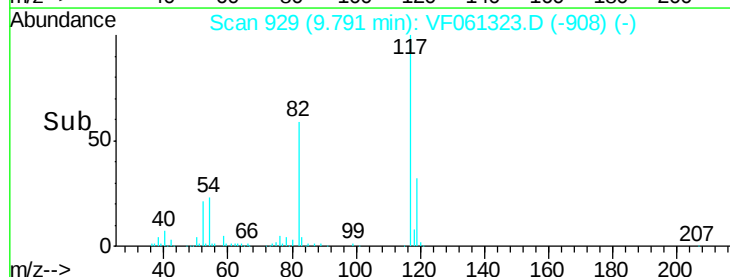
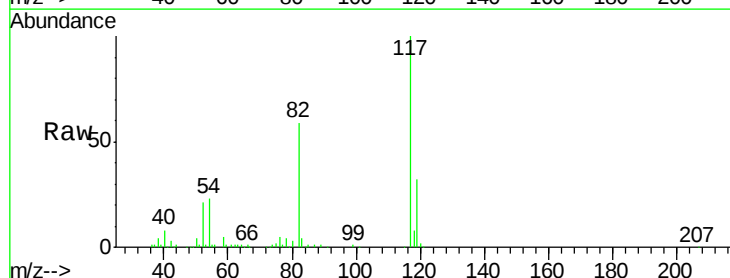
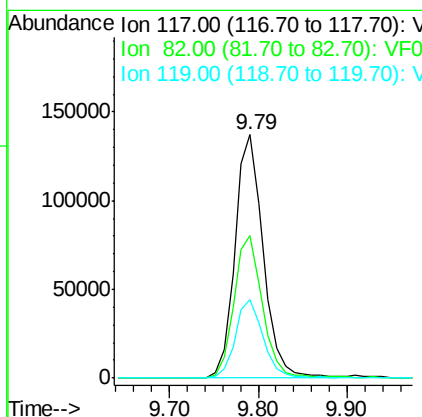
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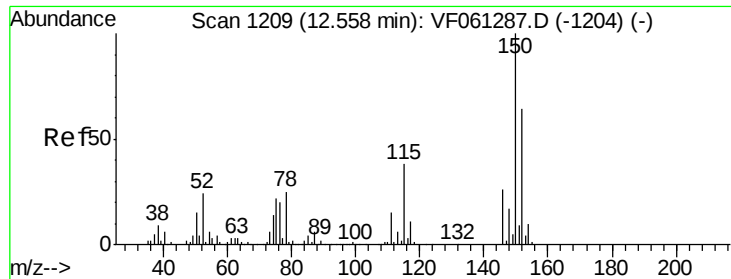
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF061323.D
Acq: 10 Jan 2019 3:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.3	67.9
119	32.2	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.00 min

Lab File: VF061323.D

Acq: 10 Jan 2019 3:40

Instrument :

MSVOA_F

ClientSampleId :

SP-1-5

Tot Ion:152 Resp: 156715

Ion Ratio Lower Upper

152 100

115 60.8 29.6 88.9

150 155.0 0.0 315.4

Manual Integrations

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