

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061089.D
 Acq On : 19 Dec 2018 17:11
 Operator : VA/AP
 Sample : J6388-10
 Misc : 3.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS010-0006-01

Manual Integrations
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 12/20/2018 10:29:33 AM

Quant Time: Dec 20 03:07:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	196512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	338557	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	226041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	60187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	96526	38.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.38%	
35) Dibromofluoromethane	4.11	113	116320	42.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.78%	
50) Toluene-d8	7.56	98	246221	32.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.08%	
62) 4-Bromofluorobenzene	11.41	95	71676	20.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.46%	
Target Compounds						
20) Methylene Chloride	2.24	84	9685m	1.655	ug/l	Qvalue

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

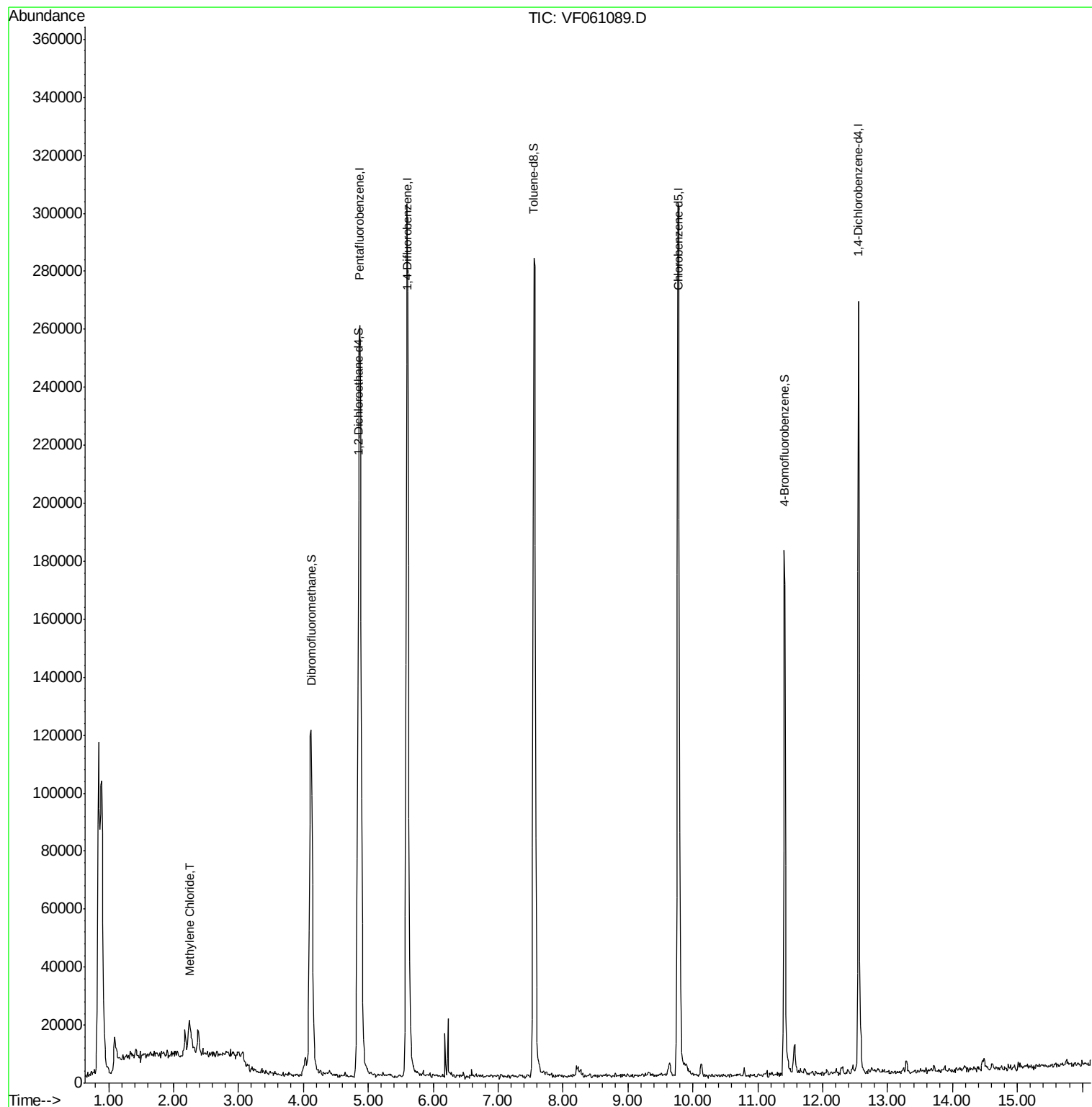
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
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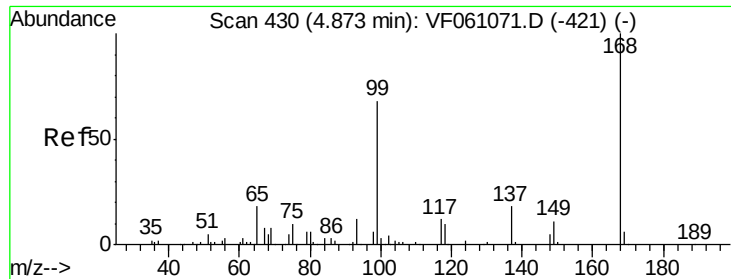
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF061089.D

Acq: 19 Dec 2018 17:11

Instrument :

MSVOA_F

ClientSampleId :

P001-SS010-0006-01

Tgt Ion: 168 Resp: 196512

Ion Ratio Lower Upper

168 100

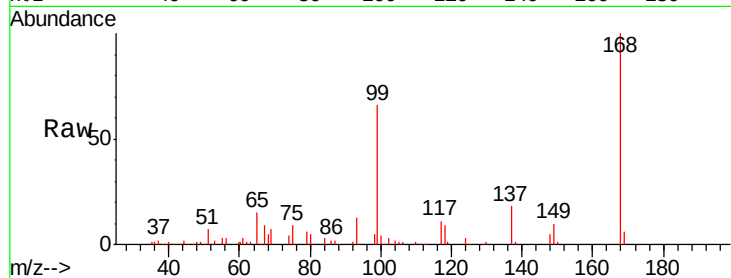
99 65.7 54.4 81.6

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

4.88

60000

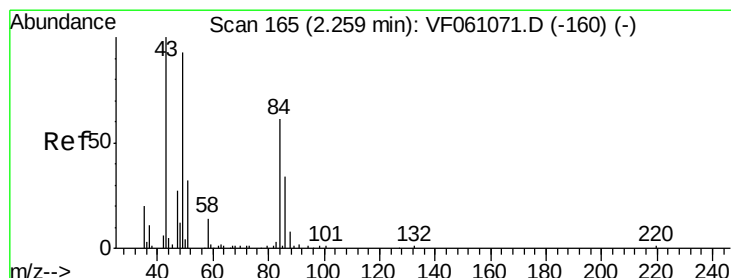
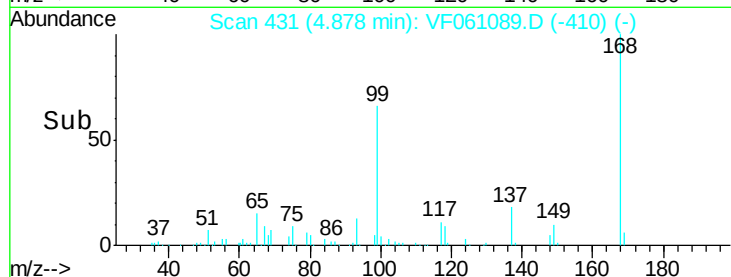
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 1.655 ug/l m

RT: 2.24 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF061089.D

Acq: 19 Dec 2018 17:11

Tgt Ion: 84 Resp: 9685

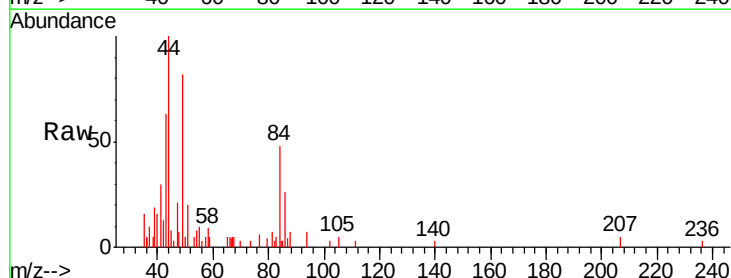
Ion Ratio Lower Upper

84 100

49 170.2 129.4 194.2

51 41.0 44.0 66.0#

86 52.9 46.3 69.5



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

4000

3000

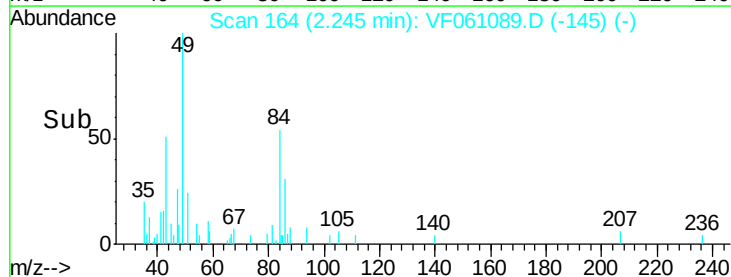
2000

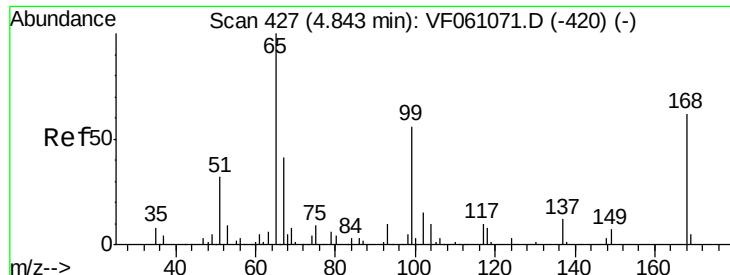
1000

0

Time-->

2.10 2.20 2.30 2.40





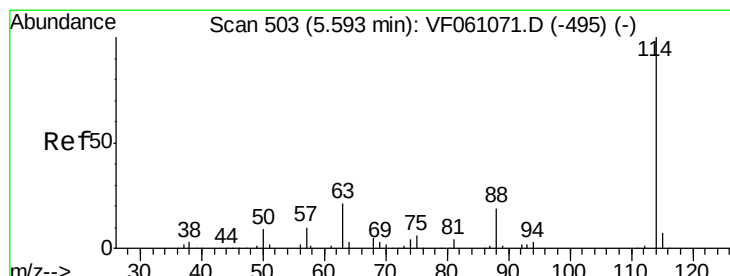
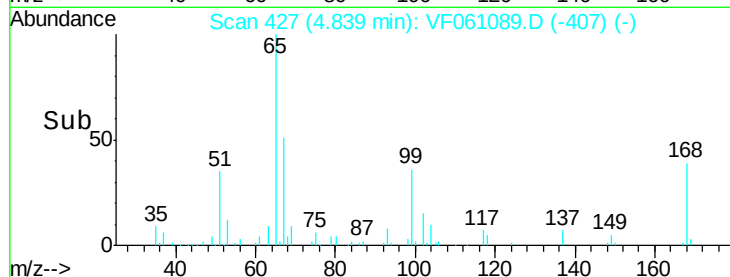
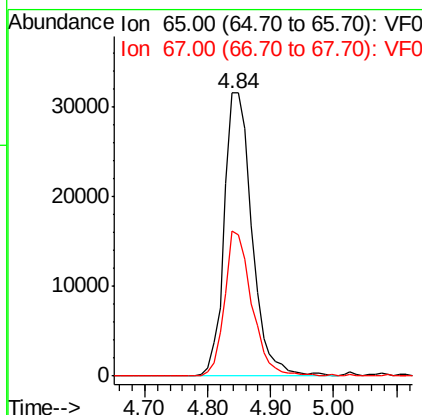
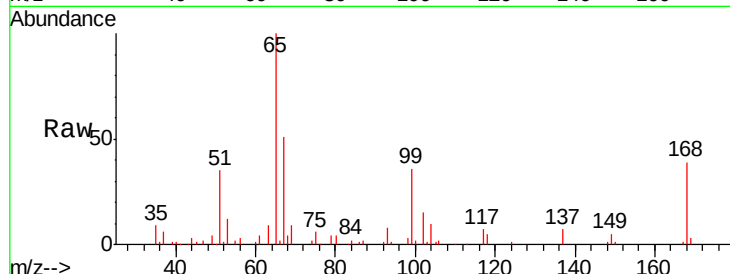
#33
 1,2-Dichloroethane-d4
 Concen: 38.191 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: VF061089.D
 Acq: 19 Dec 2018 17:11

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS010-0006-01

Tgt Ion: 65 Resp: 96526
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 94.6

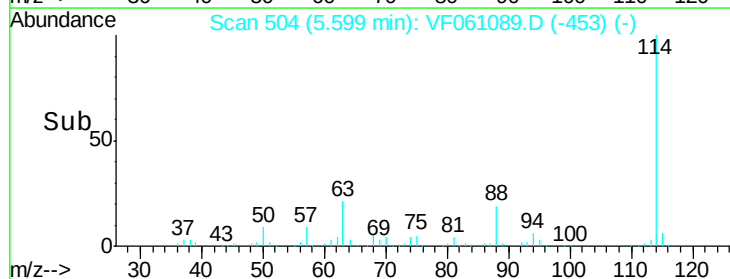
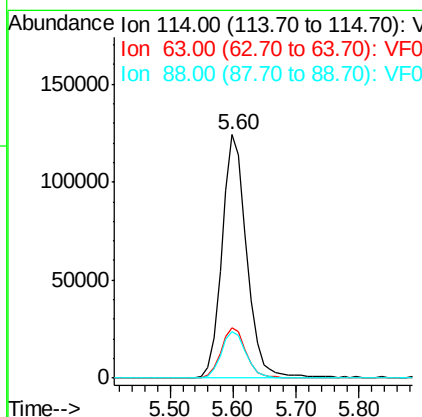
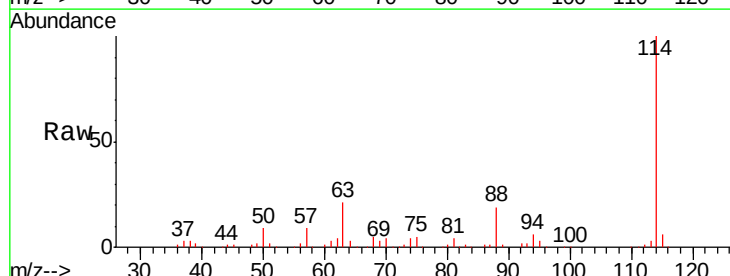
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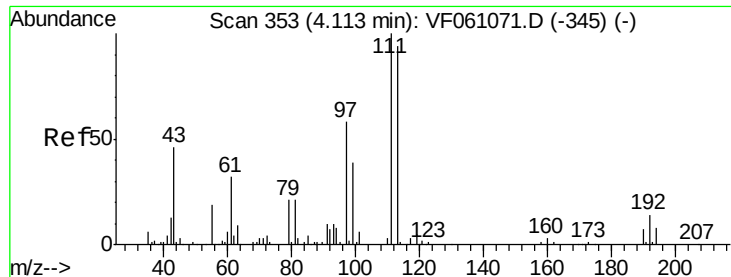
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF061089.D
 Acq: 19 Dec 2018 17:11

Tgt Ion: 114 Resp: 338557
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.6
 88 19.2 0.0 38.0





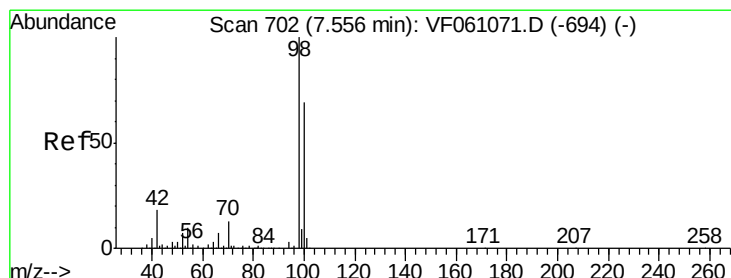
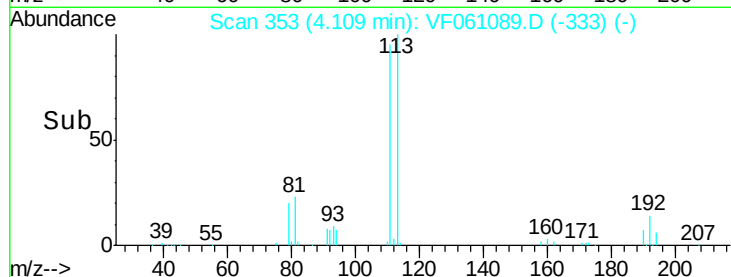
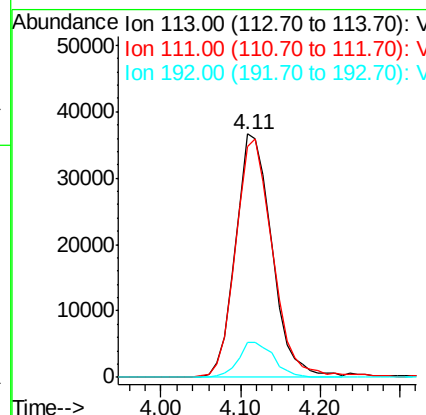
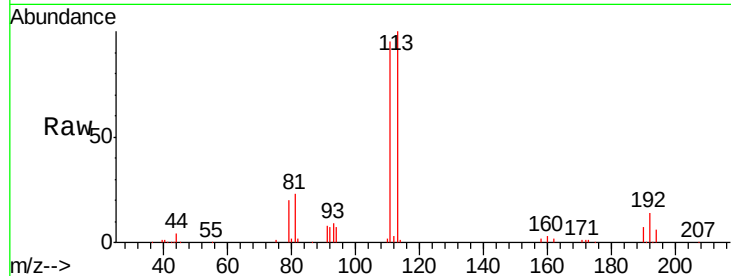
#35
Dibromofluoromethane
Concen: 42.890 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.00 min
Lab File: VF061089.D
Acq: 19 Dec 2018 17:11

Instrument :
MSVOA_F
ClientSampleId :
P001-SS010-0006-01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	116320		
111	95.0	85.2	127.8	
192	14.4	12.8	19.2	

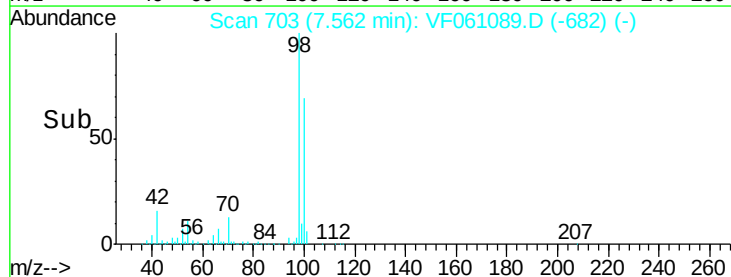
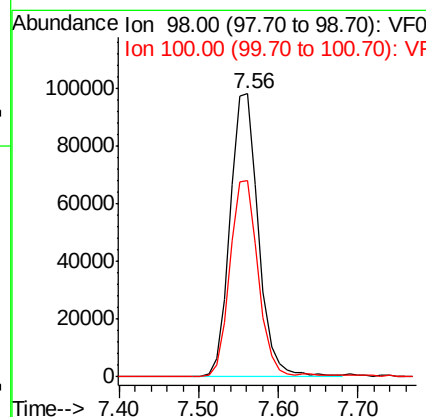
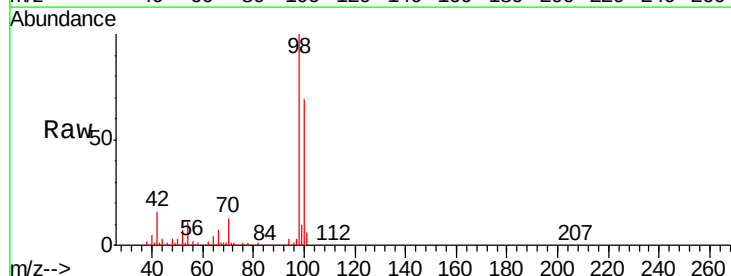
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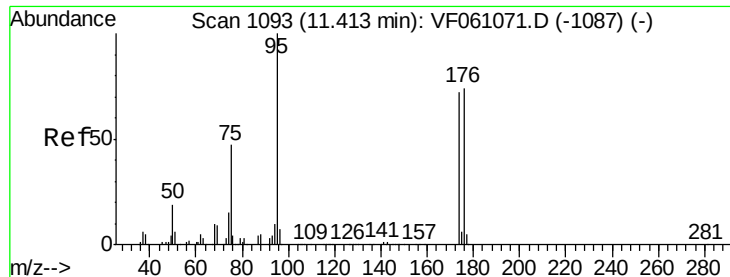
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#50
Toluene-d8
Concen: 32.037 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF061089.D
Acq: 19 Dec 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	246221		
100	69.4	55.3	82.9	





#62

4-Bromofluorobenzene

Concen: 20.229 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF061089.D

Acq: 19 Dec 2018 17:11

Instrument :

MSVOA_F

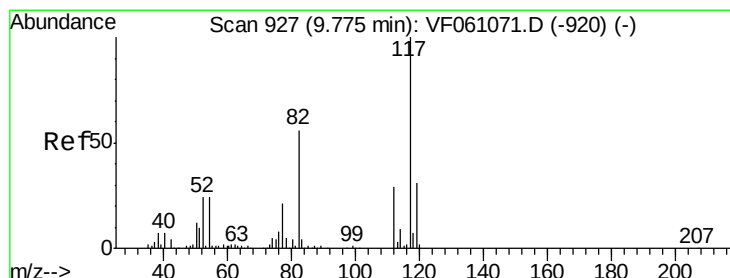
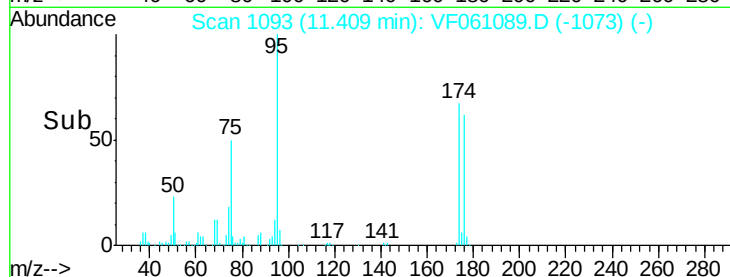
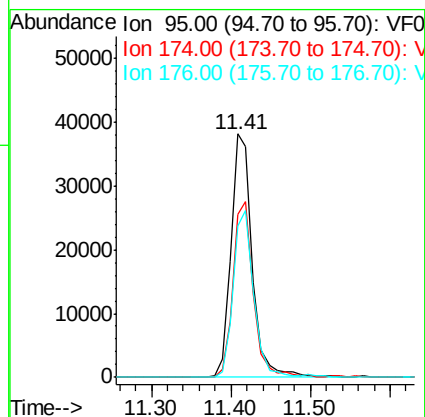
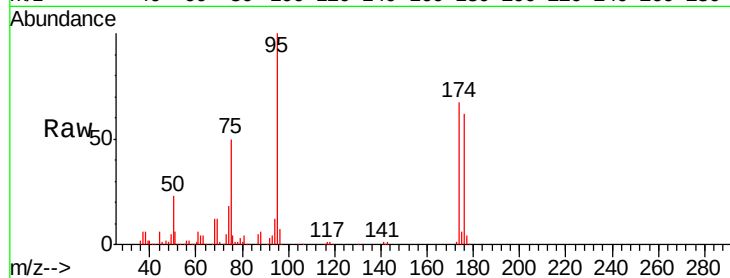
ClientSampleId :

P001-SS010-0006-01

Tgt Ion:	95	Resp:	71676
Ion Ratio	Lower	Upper	
95	100		
174	66.7	0.0	143.8
176	62.0	0.0	147.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

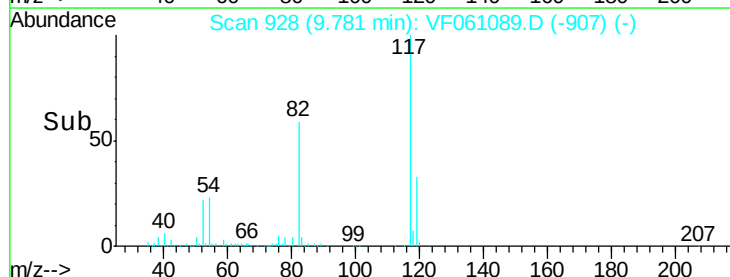
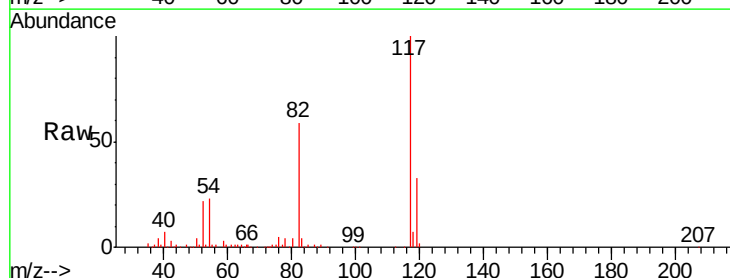
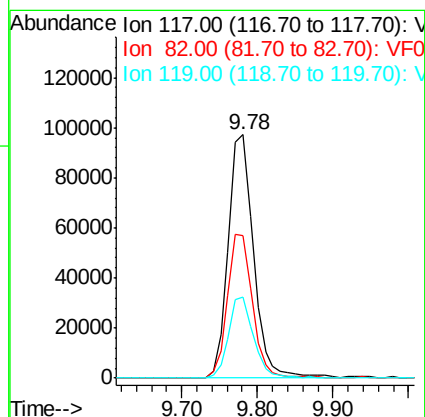
RT: 9.78 min Scan# 928

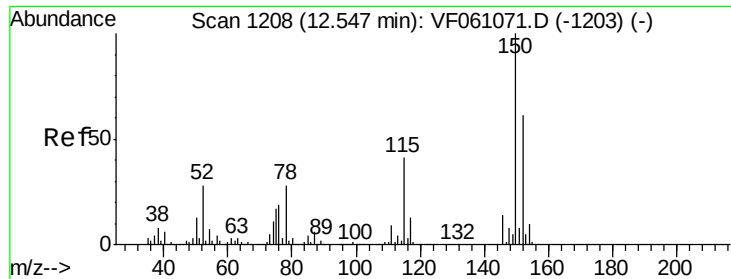
Delta R.T. 0.01 min

Lab File: VF061089.D

Acq: 19 Dec 2018 17:11

Tgt Ion:	117	Resp:	226041
Ion Ratio	Lower	Upper	
117	100		
82	58.8	45.0	67.4
119	33.1	24.8	37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: VF061089.D
 Acq: 19 Dec 2018 17:11

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS010-0006-01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	60187		
115	62.5	33.3	99.9	
150	168.0	0.0	328.2	

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