

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060133.D
 Acq On : 27 Aug 2018 19:02
 Operator : VA/AP
 Sample : J4646-09
 Misc : 5.38g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-C5

Manual Integrations
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Quant Time: Aug 27 19:22:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	129989	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	180223	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	143458	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	62754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	52410	29.46	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	58.92%	
35) Dibromofluoromethane	4.28	113	60881	43.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.04%	
50) Toluene-d8	7.70	98	166744	41.49	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.98%	
62) 4-Bromofluorobenzene	11.51	95	61408	28.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.76%	
Target Compounds						
16) Acetone	2.32	43	3659	7.83	ug/l #	92
20) Methylene Chloride	2.28	84	7387	3.23	ug/l #	90

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

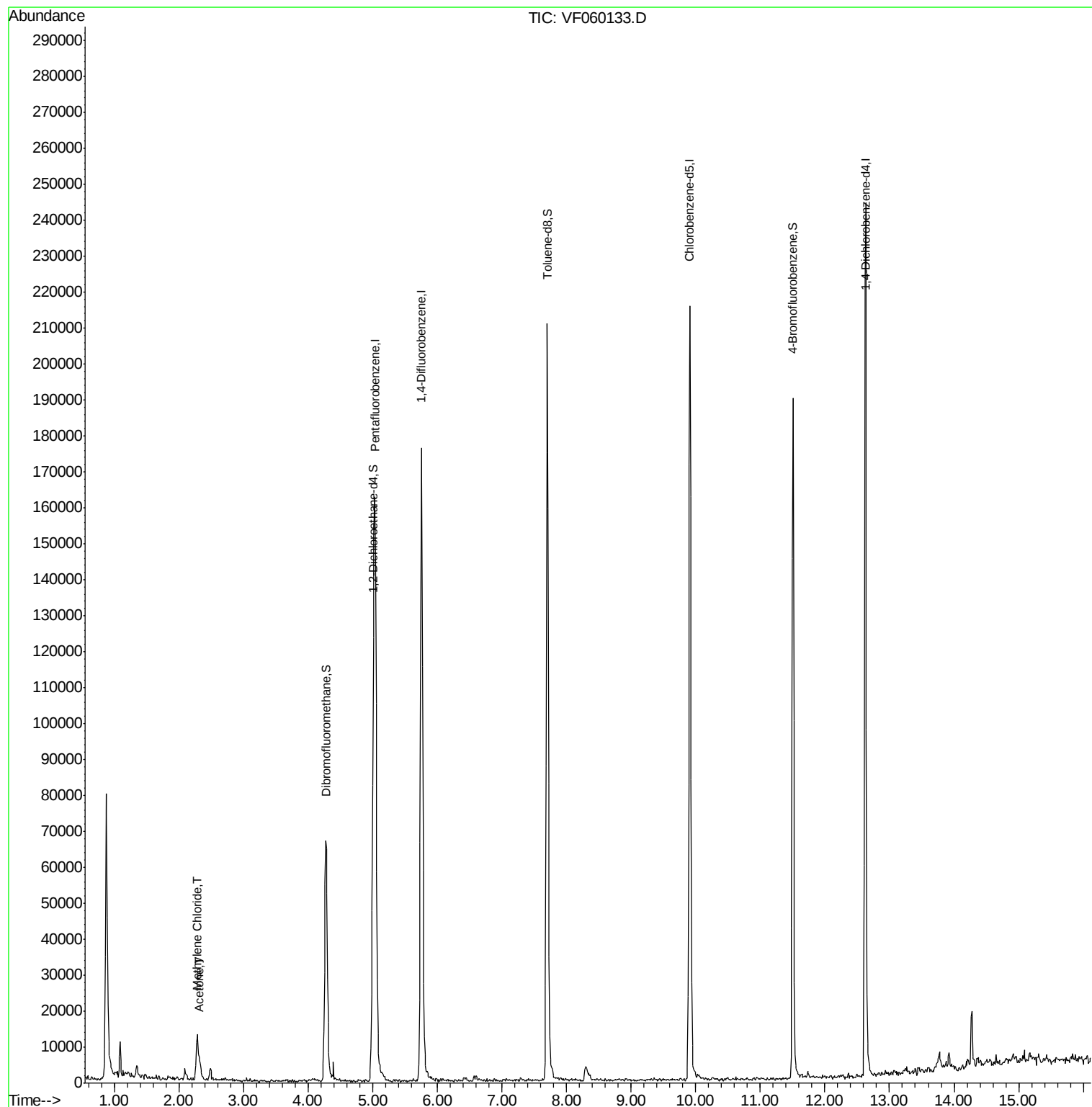
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082718\
Data File : VF060133.D
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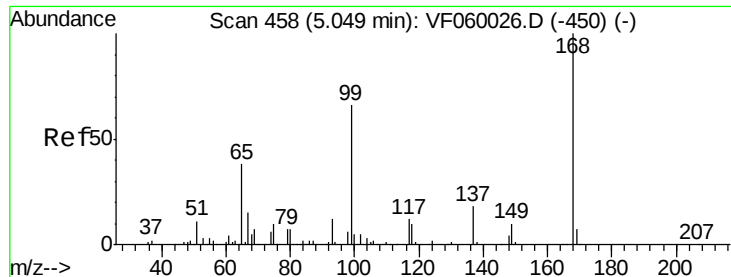
Instrument :
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Quant Time: Aug 27 19:22:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF060133.D

Acq: 27 Aug 2018 19:02

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-C5

Tot Ion:168 Resp: 129989

Ion Ratio Lower Upper

168 100

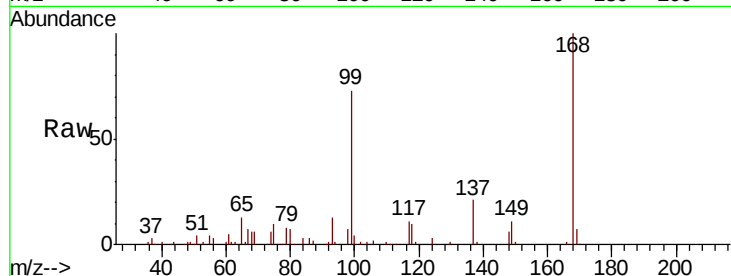
99 72.5 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

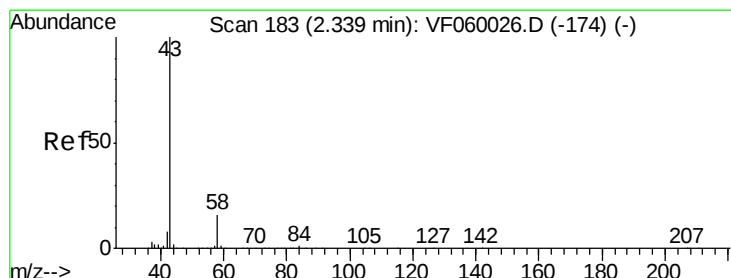
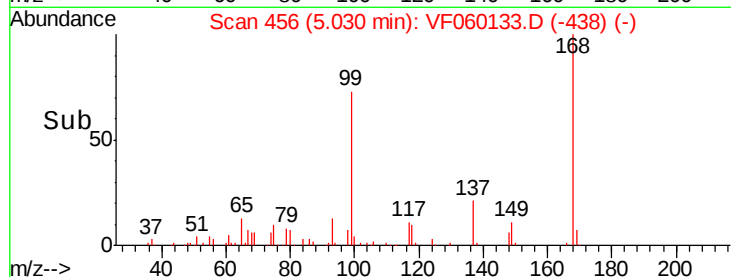
20000

10000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 7.83 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.02 min

Lab File: VF060133.D

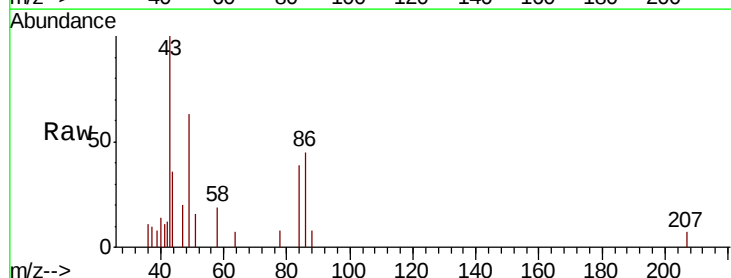
Acq: 27 Aug 2018 19:02

Tgt Ion: 43 Resp: 3659

Ion Ratio Lower Upper

43 100

58 19.3 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

1500

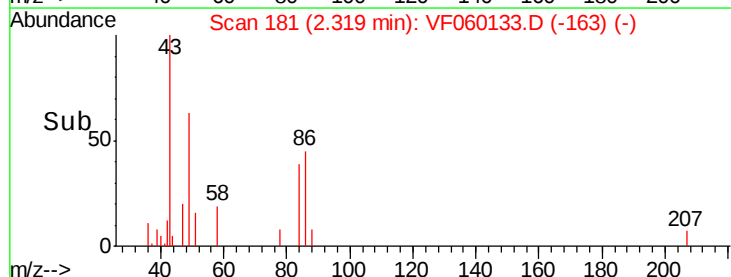
1000

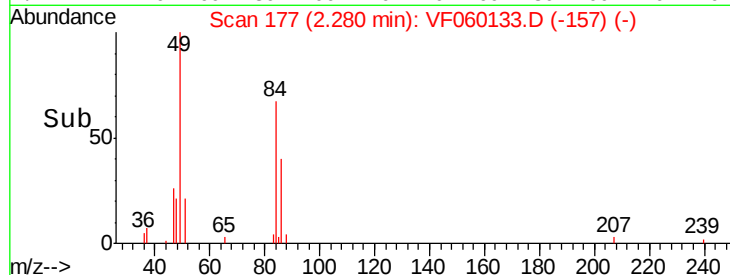
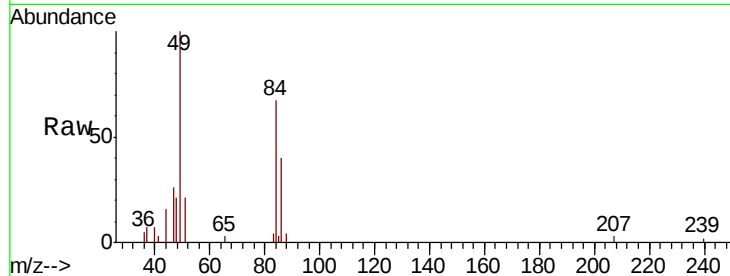
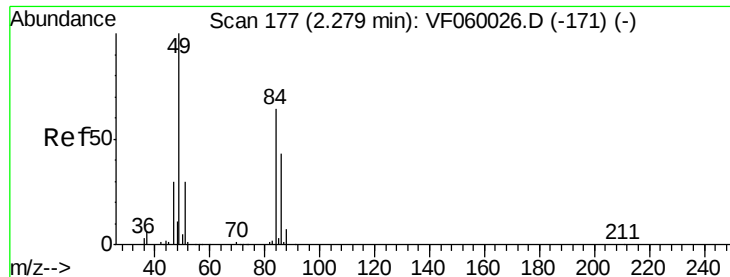
500

0

Time-->

2.25 2.30 2.35 2.40





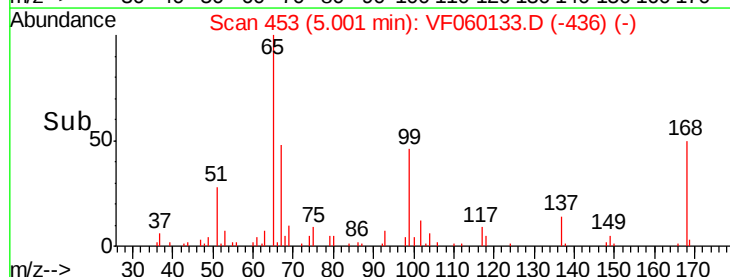
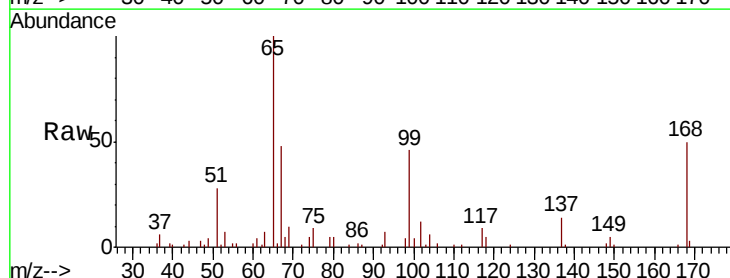
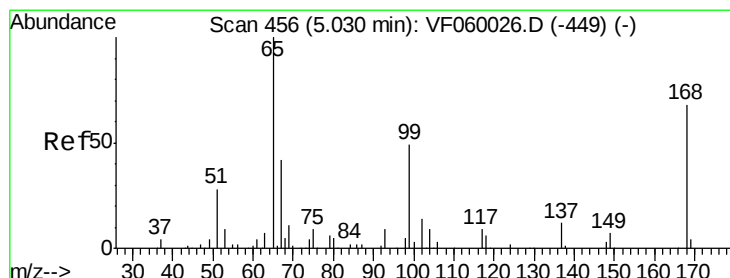
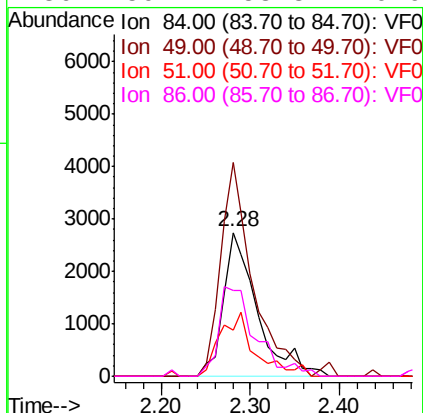
#20
Methvlene Chloride
Concen: 3.23 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF060133.D
Acq: 27 Aug 2018 19:02

Tot Ion:	84	Resp:	7387
Ion	Ratio	Lower	Upper
84	100		
49	148.8	125.4	188.0
51	31.9	38.3	57.5#
86	59.7	53.3	79.9

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-C5

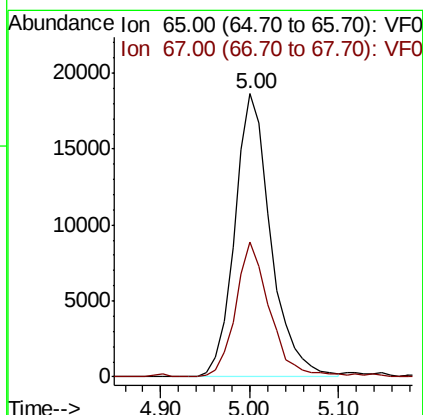
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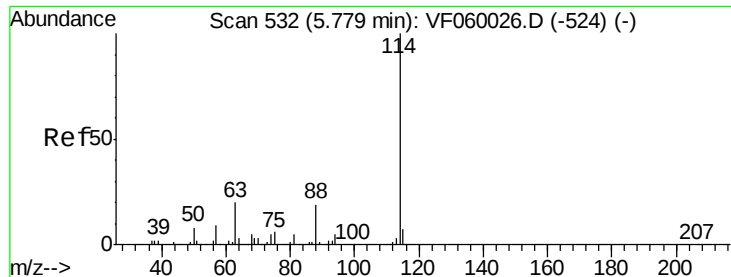
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#33
1,2-Dichloroethane-d4
Concen: 29.46 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF060133.D
Acq: 27 Aug 2018 19:02

Tgt Ion:	65	Resp:	52410
Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	92.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060133.D

Acq: 27 Aug 2018 19:02

Instrument :

MSVOA_F

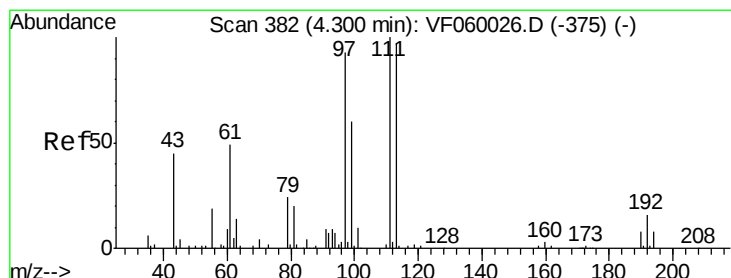
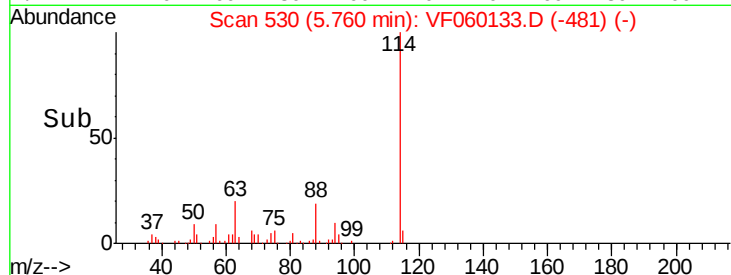
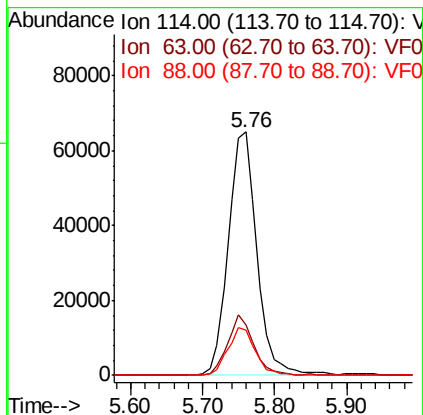
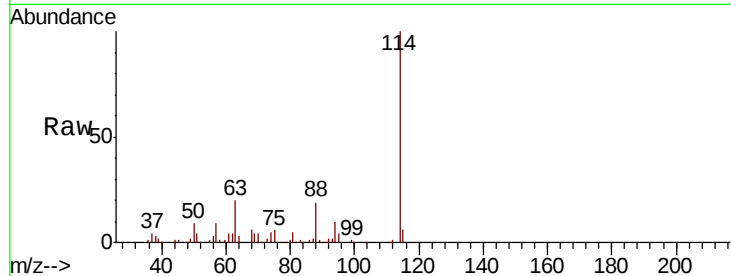
ClientSampleId :

EP1-Q4-C5

Tot Ion	Ratio	Resp	Lower	Upper
114	100	180223		
63	20.4		0.0	40.4
88	18.8		0.0	38.6

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#35

Dibromofluoromethane

Concen: 43.02 ug/l

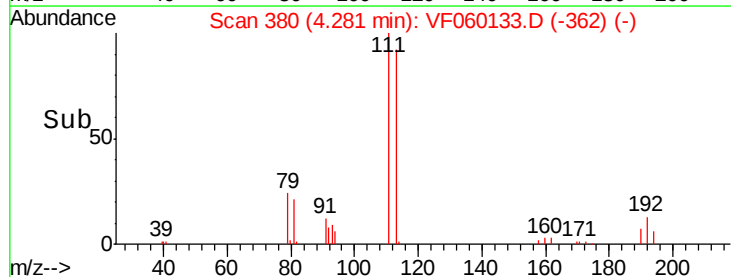
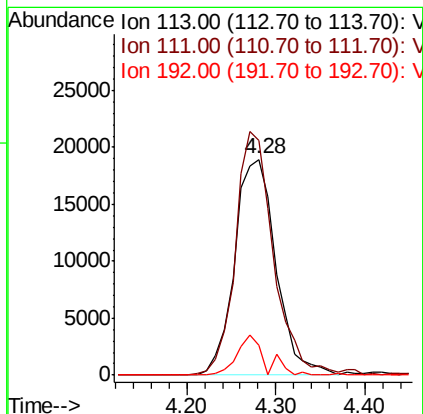
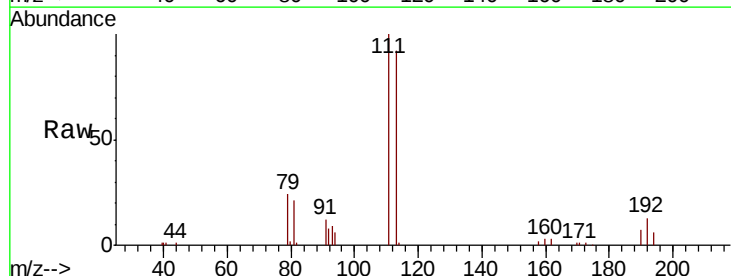
RT: 4.28 min Scan# 380

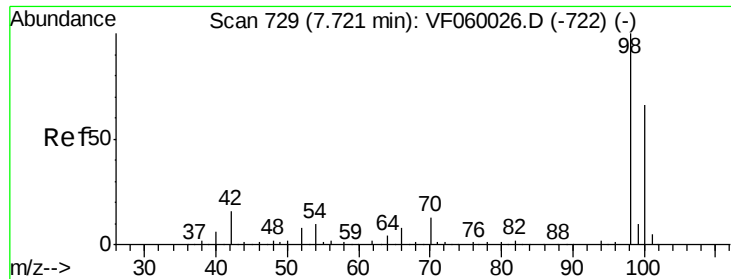
Delta R.T. -0.02 min

Lab File: VF060133.D

Acq: 27 Aug 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	60881		
111	108.5		82.7	124.1
192	14.1		13.0	19.4





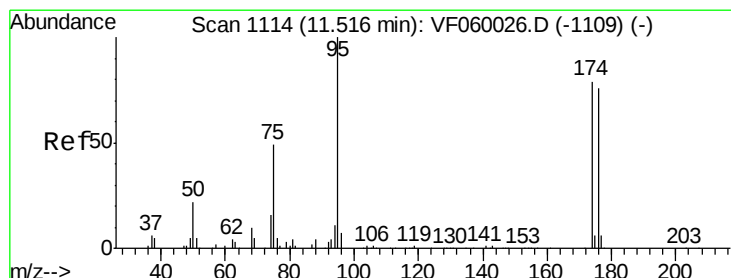
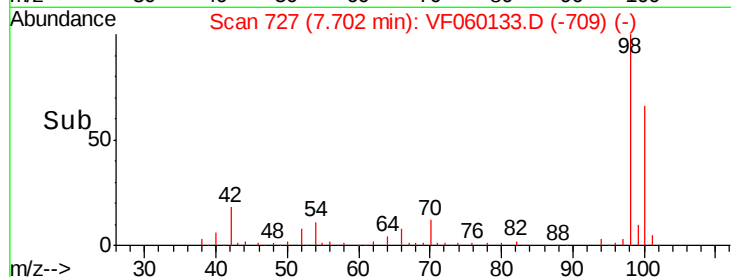
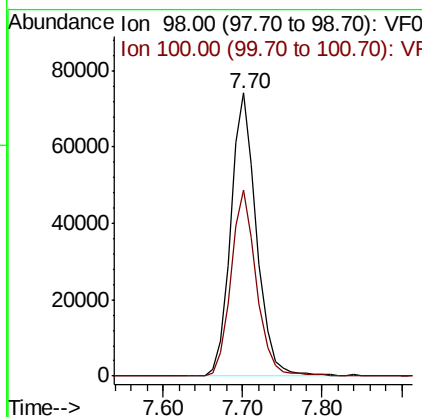
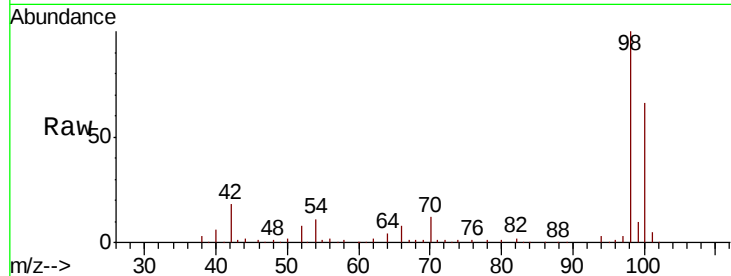
#50
Toluene-d8
Concen: 41.49 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060133.D
Acq: 27 Aug 2018 19:02

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-C5

Tot Ion: 98 Resp: 166744
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8

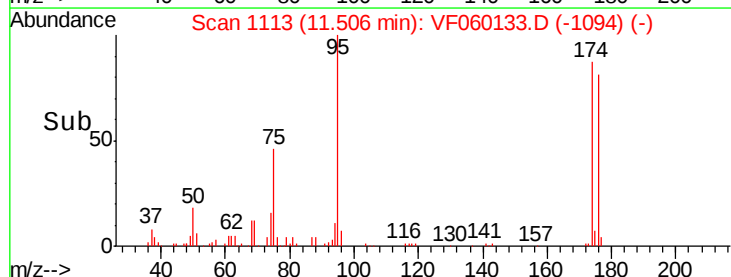
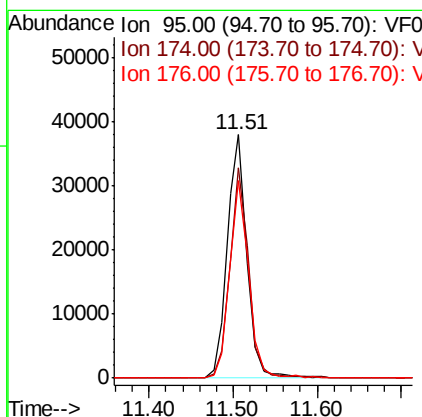
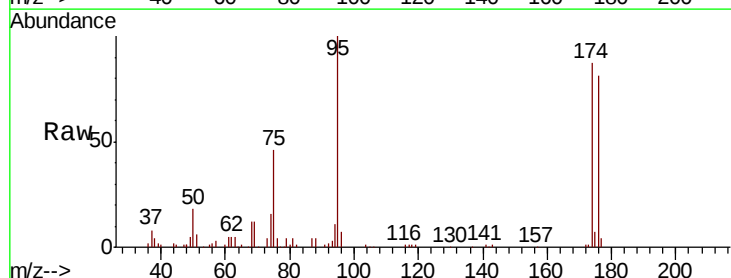
Manual Integrations
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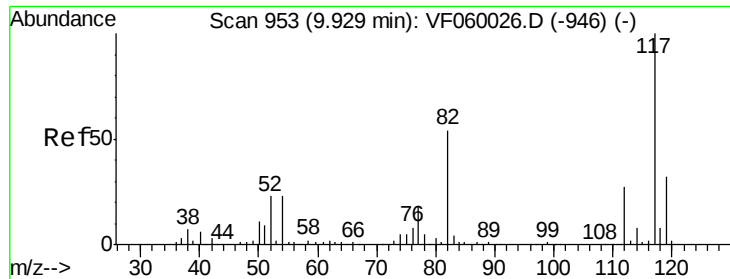
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#62
4-Bromofluorobenzene
Concen: 28.88 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060133.D
Acq: 27 Aug 2018 19:02

Tgt Ion: 95 Resp: 61408
Ion Ratio Lower Upper
95 100
174 86.5 0.0 158.4
176 81.3 0.0 153.0





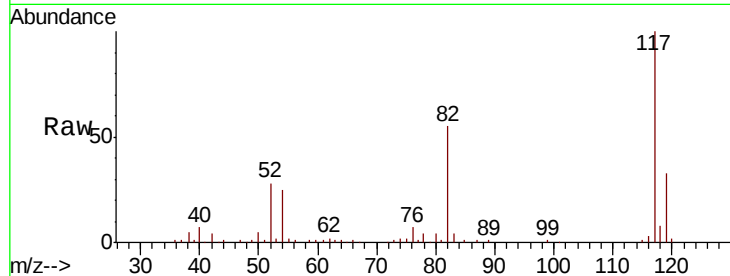
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060133.D
Acq: 27 Aug 2018 19:02

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-C5

Tot Ion	Ratio	Resp	Lower	Upper
117	100	143458		
82	54.8	43.6	65.4	
119	32.7	25.6	38.4	

Manual Integrations
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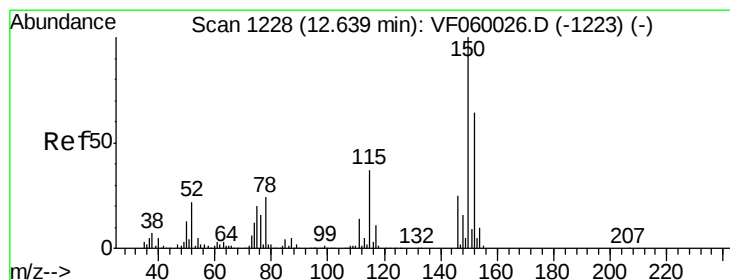
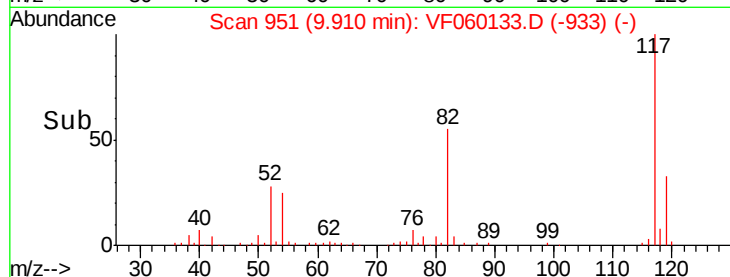
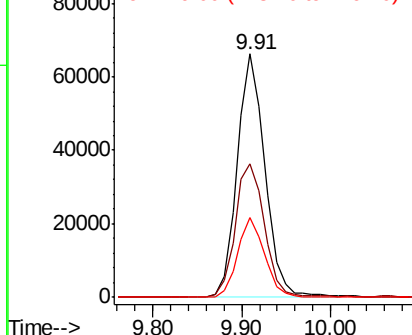


Abundance

Ion 117.00 (116.70 to 117.70): V

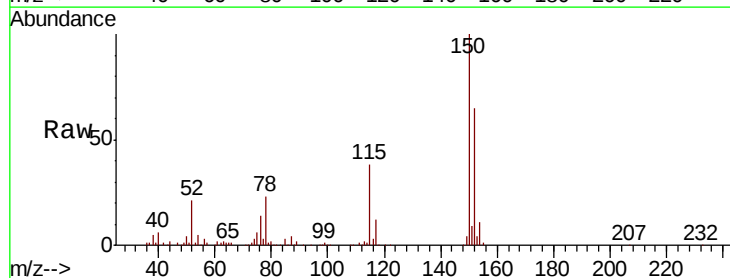
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060133.D
Acq: 27 Aug 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	62754		
115	58.6	28.6	85.9	
150	153.5	0.0	312.0	



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

