

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
 Data File : VF059297.D
 Acq On : 23 Jun 2018 2:06
 Operator : VA/AP
 Sample : J3605-07
 Misc : 6.38g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-5(4-4.5)

Manual Integrations
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Quant Time: Jun 23 05:18:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	173142	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	269531	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	280939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	176545	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	140403	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.98%	
35) Dibromofluoromethane	4.29	113	120582	53.17	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.34%	
50) Toluene-d8	7.71	98	275420	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
62) 4-Bromofluorobenzene	11.50	95	147859	46.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.46%	
Target Compounds						
20) Methylene Chloride	2.27	84	13774m	10.06	ug/l	Qvalue
64) Tetrachloroethene	8.30	164	11471	5.32	ug/l #	89

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

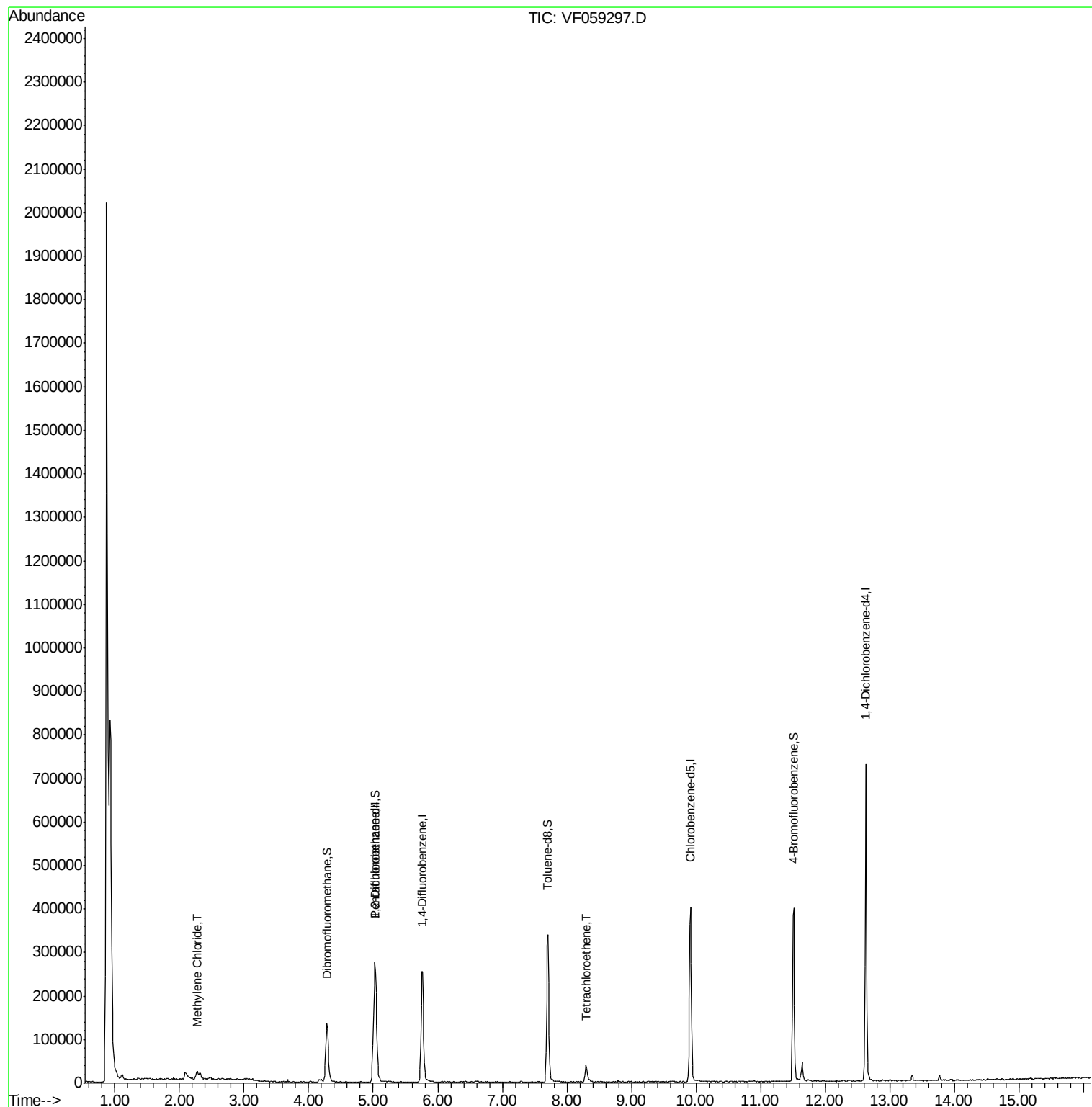
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062218\
Data File : VF059297.D
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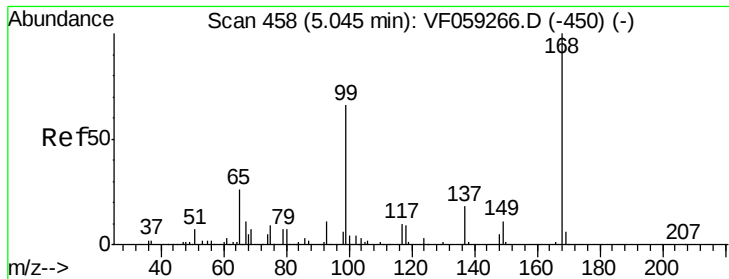
Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Quant Time: Jun 23 05:18:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059297.D

Acq: 23 Jun 2018 2:06

Instrument :

MSVOA_F

ClientSampleId :

S-5(4-4.5)

Tot Ion: 168 Resp: 173142

Ion Ratio Lower Upper

168 100

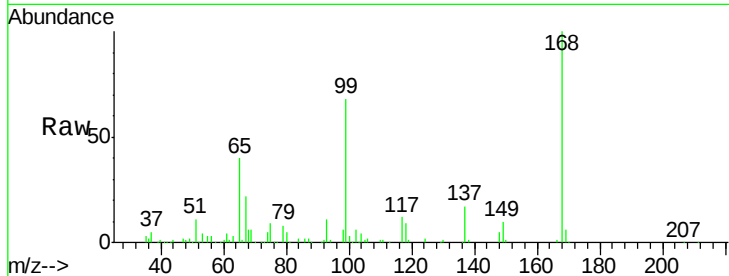
99 68.0 52.6 78.8

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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

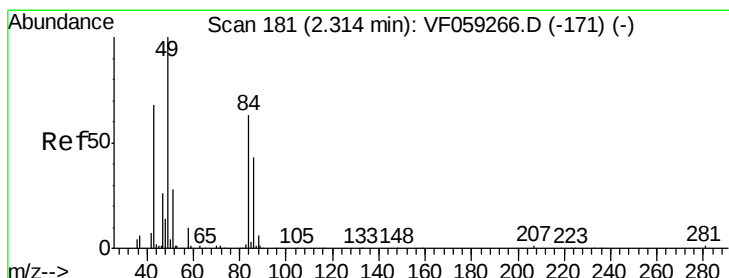
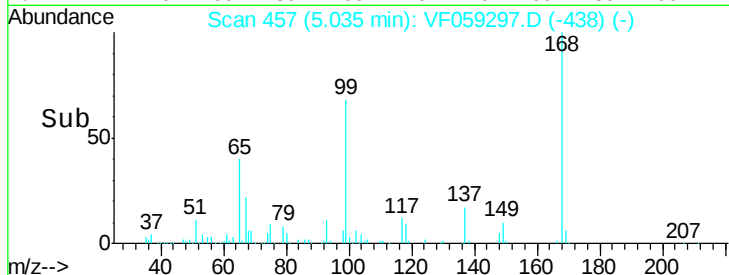
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 10.06 ug/l m

RT: 2.27 min Scan# 177

Delta R.T. -0.04 min

Lab File: VF059297.D

Acq: 23 Jun 2018 2:06

Tgt Ion: 84 Resp: 13774

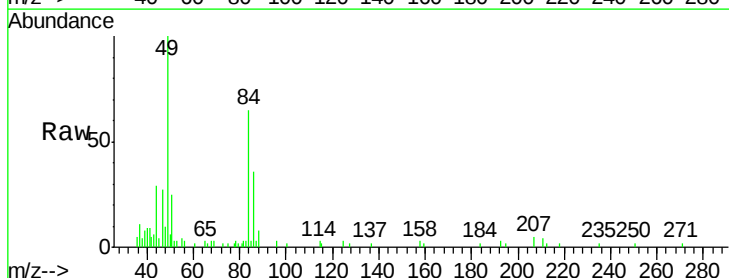
Ion Ratio Lower Upper

84 100

49 154.5 130.0 195.0

51 38.6 36.6 55.0

86 56.1 55.1 82.7



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

8000

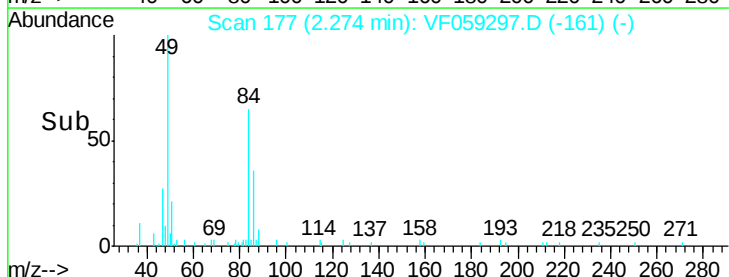
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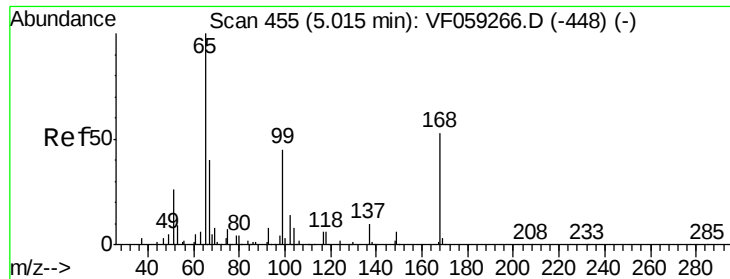
4000

2000

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Time-->





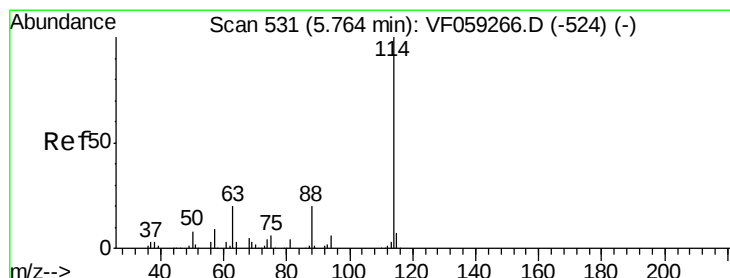
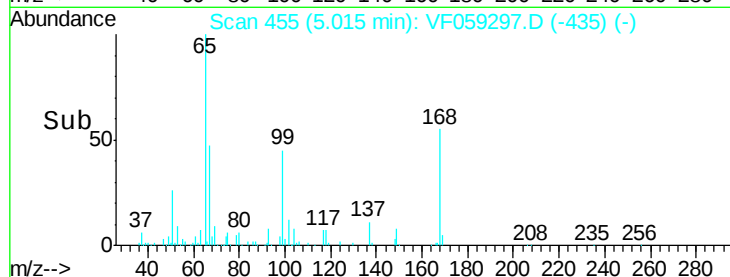
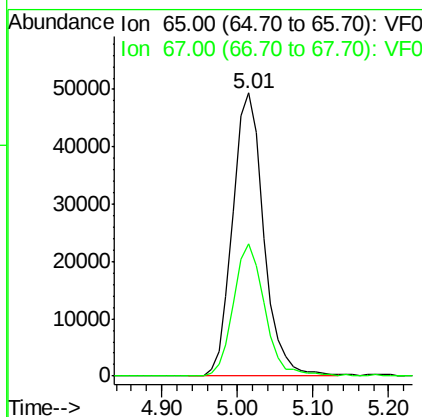
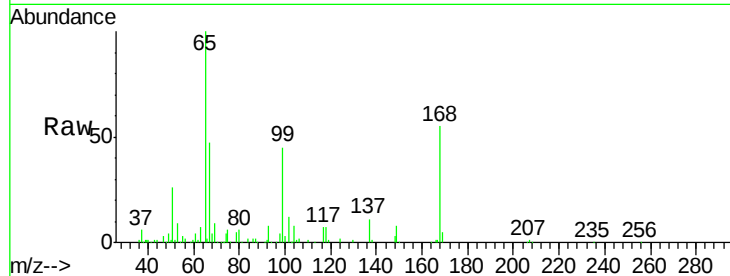
#33
 1,2-Dichloroethane-d4
 Concen: 56.49 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF059297.D
 Acq: 23 Jun 2018 2:06

Instrument :
 MSVOA_F
 ClientSampled :
 S-5(4-4.5)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	140403		
67	46.7	0.0	95.8	

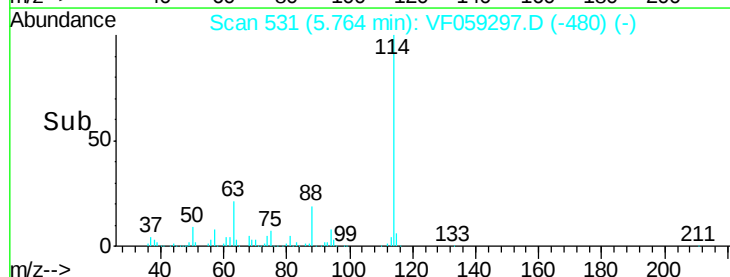
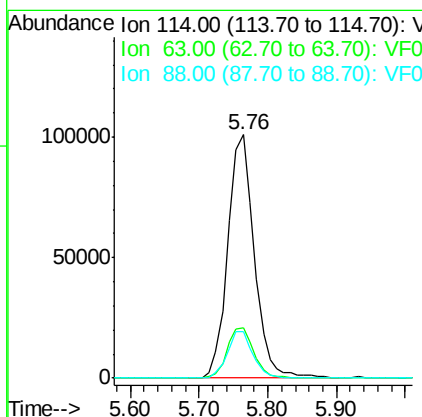
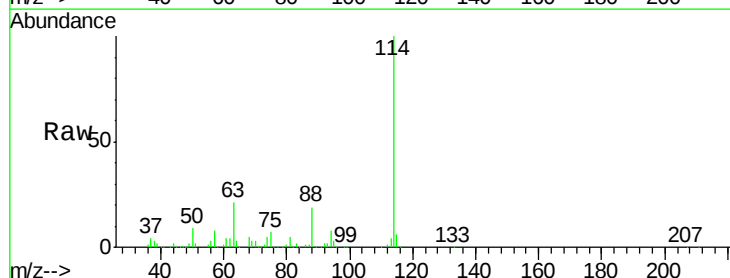
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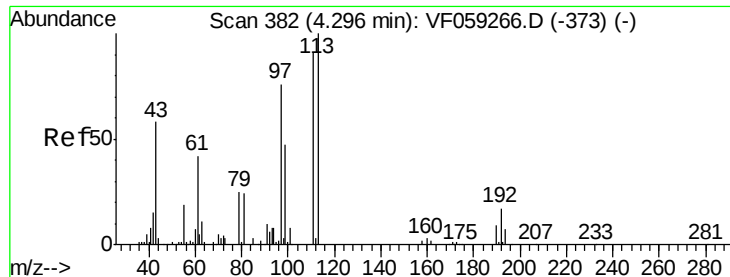
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF059297.D
 Acq: 23 Jun 2018 2:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	269531		
63	20.8	0.0	41.0	
88	18.9	0.0	39.6	





#35

Dibromofluoromethane

Concen: 53.17 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059297.D

Acq: 23 Jun 2018 2:06

Instrument :

MSVOA_F

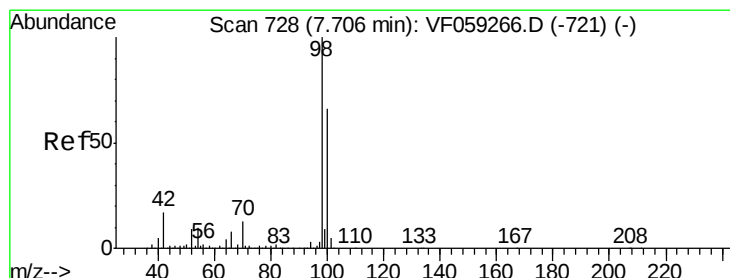
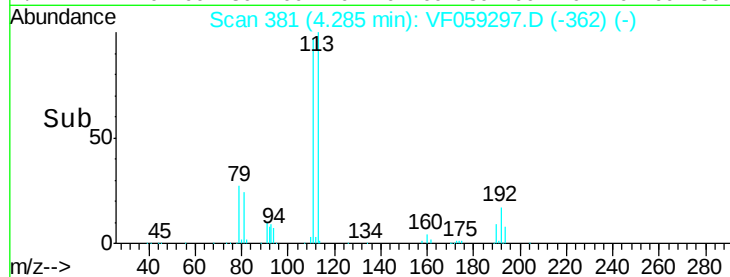
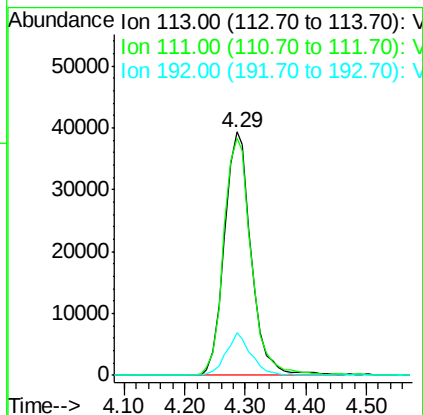
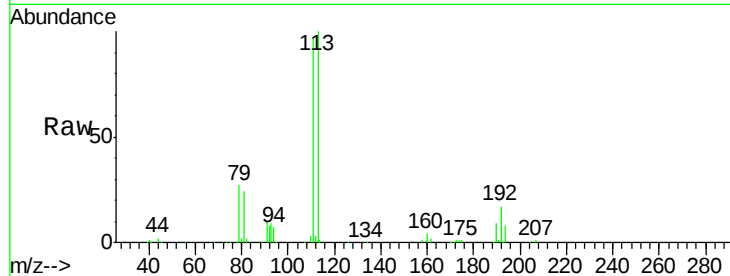
ClientSampled :

S-5(4-4.5)

Tot Ion:	113	Resp:	120582
Ion Ratio	Lower	Upper	
113	100		
111	97.4	73.1	109.7
192	17.4	13.9	20.9

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#50

Toluene-d8

Concen: 47.75 ug/l

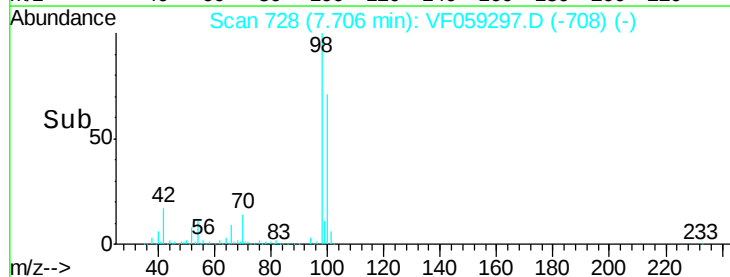
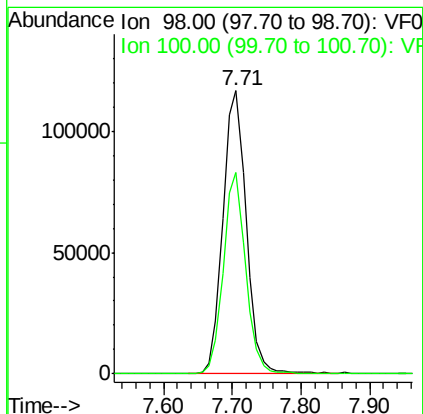
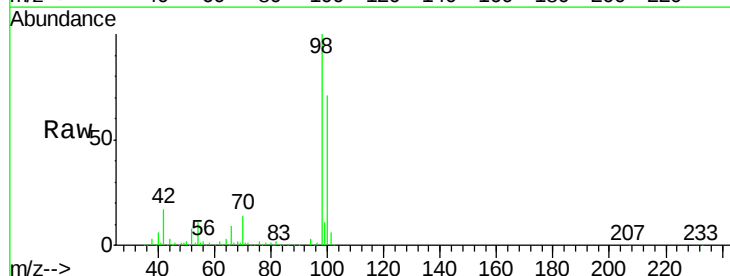
RT: 7.71 min Scan# 728

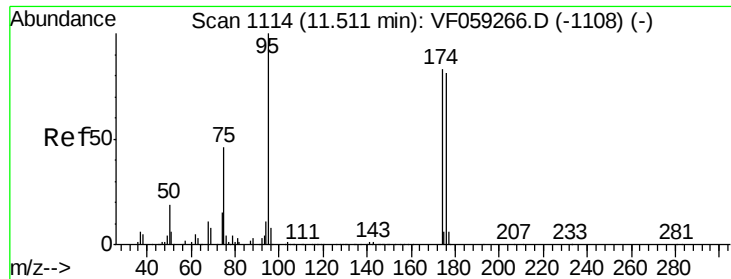
Delta R.T. -0.00 min

Lab File: VF059297.D

Acq: 23 Jun 2018 2:06

Tgt Ion:	98	Resp:	275420
Ion Ratio	Lower	Upper	
98	100		
100	71.1	52.8	79.2





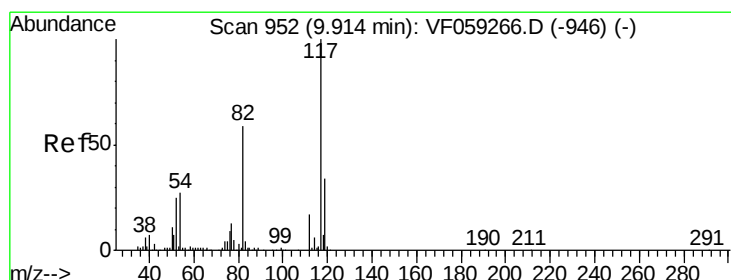
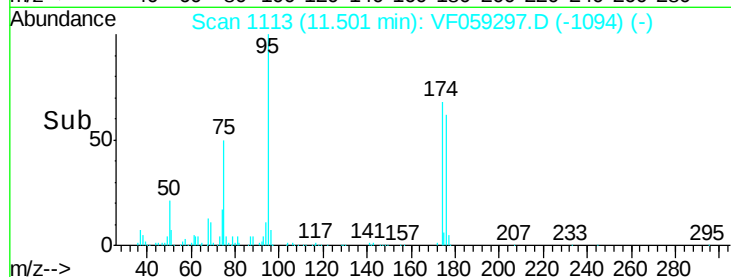
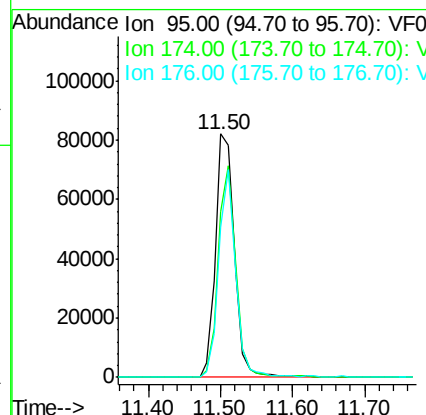
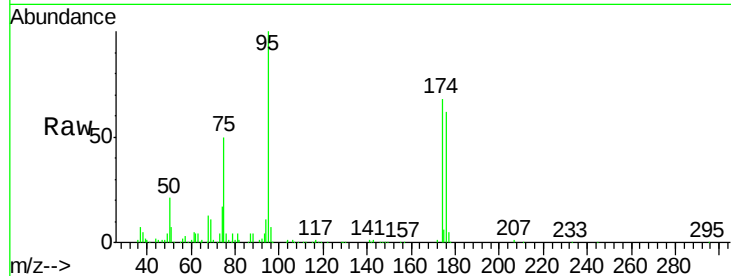
#62
4-Bromofluorobenzene
Concen: 46.23 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	147859		
174	67.8	0.0	166.2	
176	61.8	0.0	162.8	

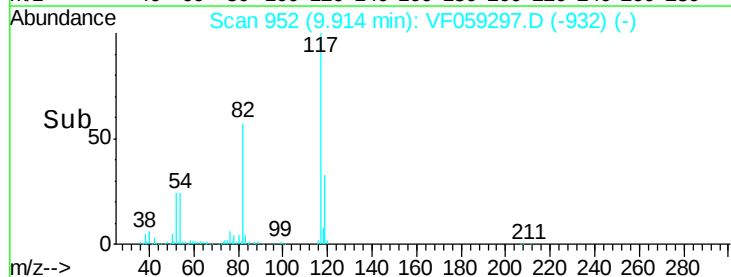
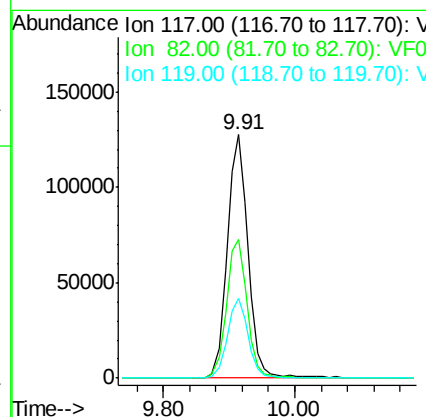
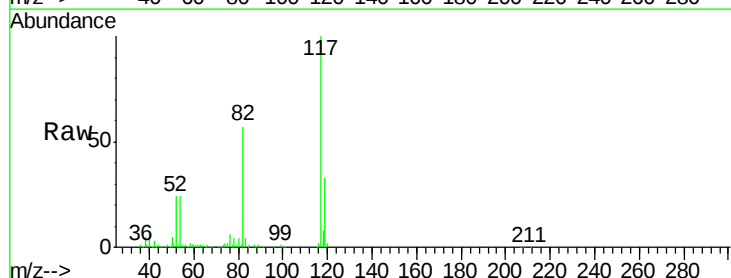
Manual Integrations
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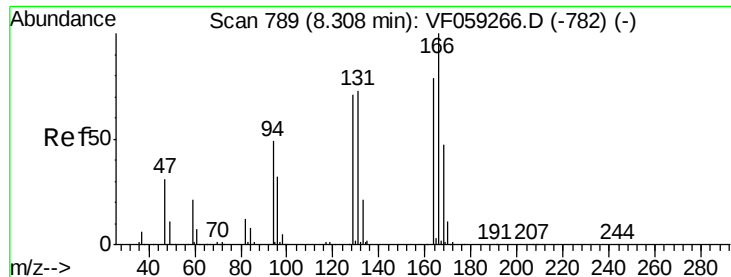
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	280939		
82	56.9	47.1	70.7	
119	33.0	26.9	40.3	





#64

Tetrachloroethene

Concen: 5.32 ug/l

RT: 8.30 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF059297.D

Acq: 23 Jun 2018 2:06

Instrument :

MSVOA_F

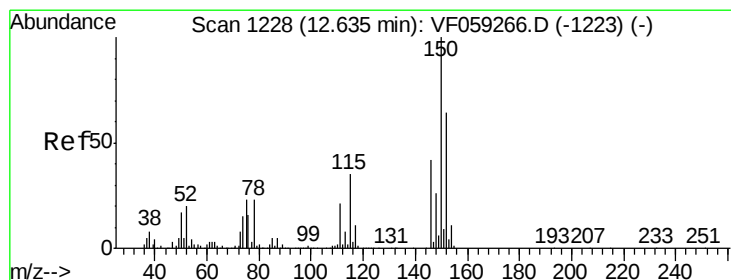
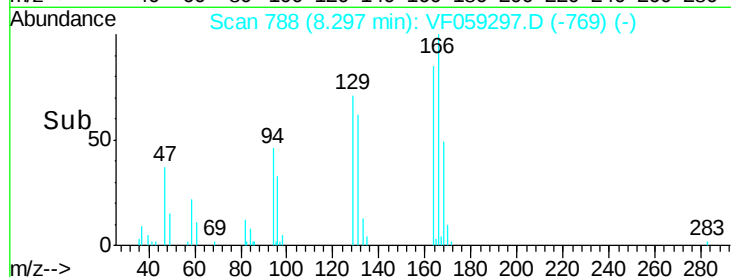
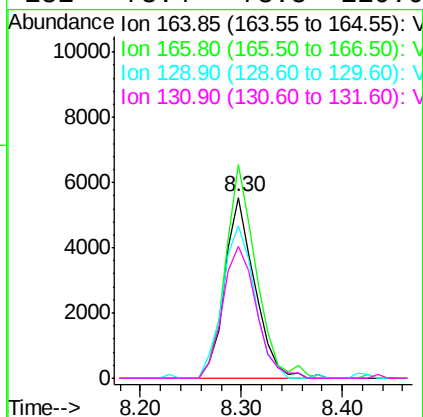
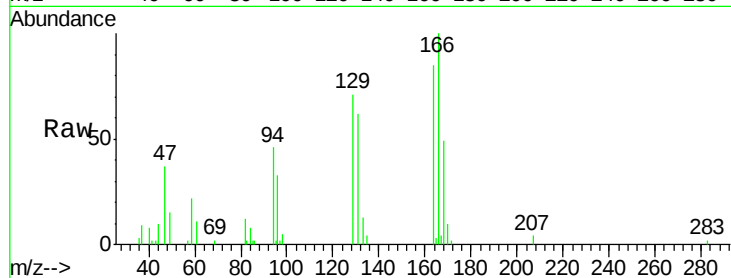
ClientSampleId :

S-5(4-4.5)

Tot Ion:	164	Resp:	11471
Ion Ratio	Lower	Upper	
164	100		
166	118.3	101.4	152.2
129	84.4	72.2	108.4
131	73.4	73.8	110.6#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059297.D

Acq: 23 Jun 2018 2:06

Tgt Ion:	152	Resp:	176545
Ion Ratio	Lower	Upper	
152	100		
115	63.4	27.8	83.3
150	155.5	0.0	313.8

