

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
 Data File : VF059292.D
 Acq On : 22 Jun 2018 23:47
 Operator : VA/AP
 Sample : J3605-02
 Misc : 6.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-2(8.5-9)

Manual Integrations
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 6/24/2018 11:34:55 AM

Quant Time: Jun 23 05:06:42 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	5.04	168	177082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	280801	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	274904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	179804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	138752	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
35) Dibromofluoromethane	4.29	113	119593	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	7.70	98	288049	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.50	95	157251	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
16) Acetone	2.34	43	34397	57.26	ug/l	97
20) Methylene Chloride	2.27	84	7053m	4.02	ug/l	
64) Tetrachloroethene	8.30	164	127734	60.50	ug/l	97

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

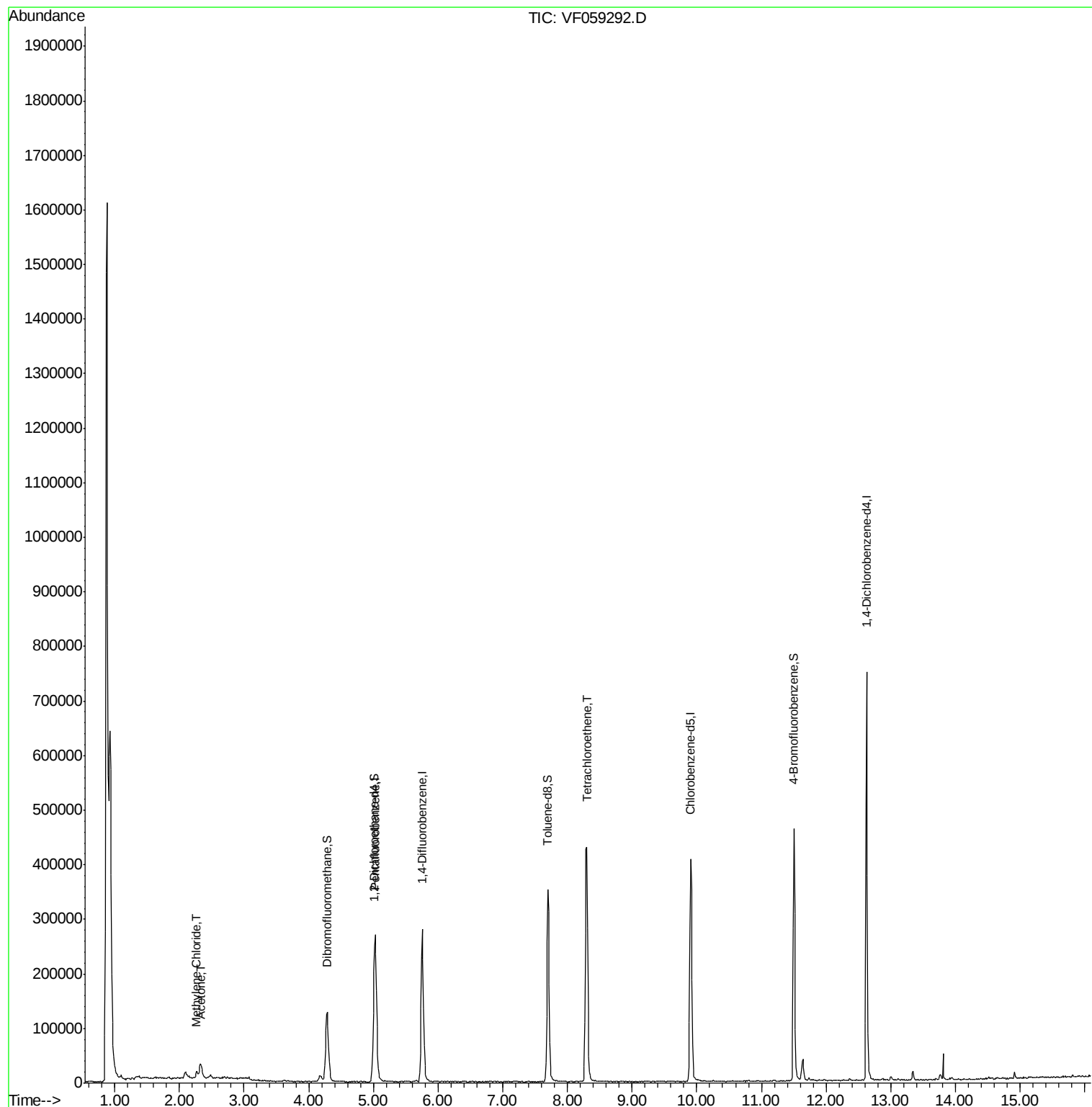
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062218\
Data File : VF059292.D
Acq On : 22 Jun 2018 23:47
Operator : VA/AP
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ALS Vial : 15 Sample Multiplier: 1

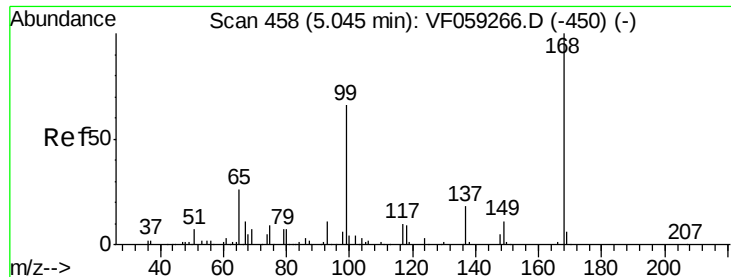
Instrument :
MSVOA_F
ClientSampleId :
S-2(8.5-9)

Manual Integrations
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Quant Time: Jun 23 05:06:42 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059292.D

Acq: 22 Jun 2018 23:47

Instrument :

MSVOA_F

ClientSampleId :

S-2(8.5-9)

Tot Ion:168 Resp: 177082

Ion Ratio Lower Upper

168 100

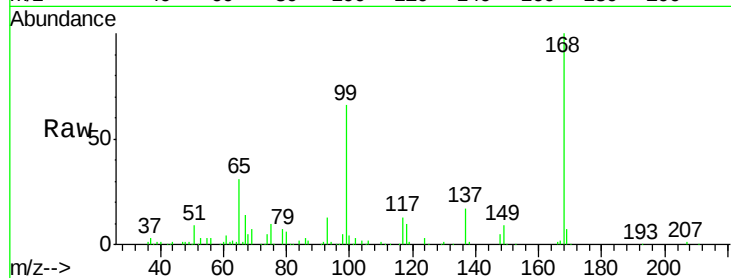
99 66.2 52.6 78.8

Manual Integrations

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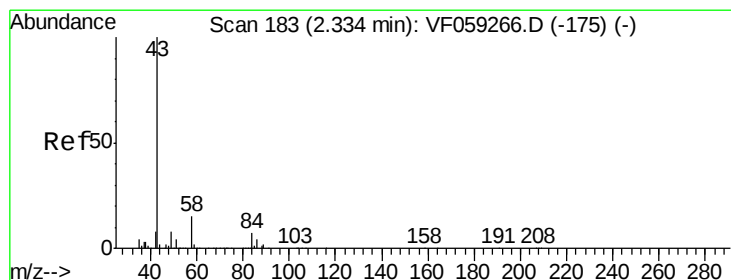
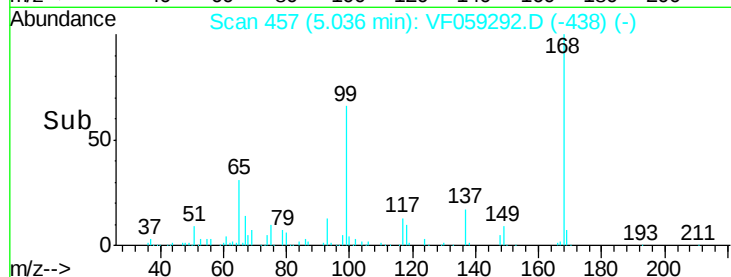
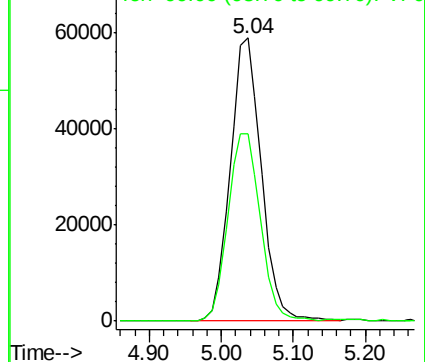
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 57.26 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059292.D

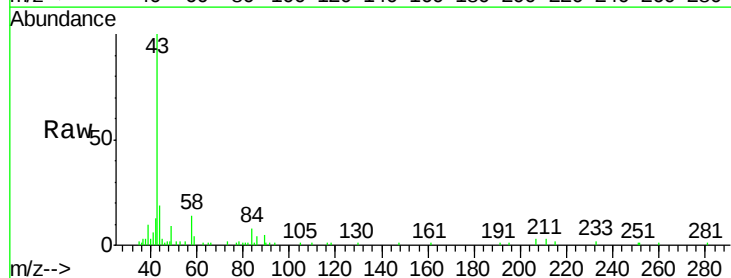
Acq: 22 Jun 2018 23:47

Tgt Ion: 43 Resp: 34397

Ion Ratio Lower Upper

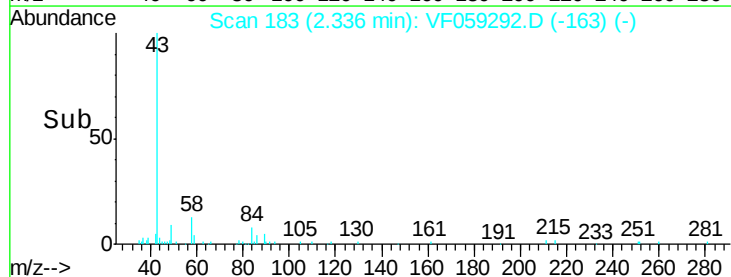
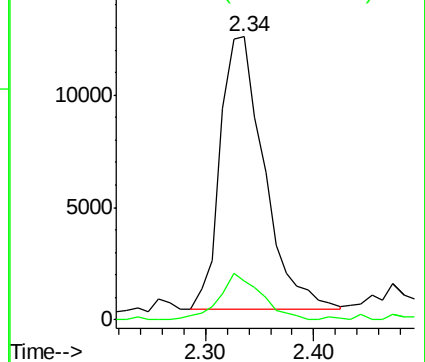
43 100

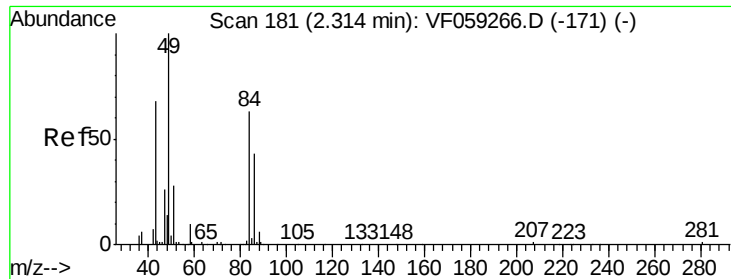
58 13.7 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#20

Methylene Chloride

Concen: 4.02 ug/l m

RT: 2.27 min Scan# 176

Delta R.T. -0.05 min

Lab File: VF059292.D

Acq: 22 Jun 2018 23:47

Instrument :

MSVOA_F

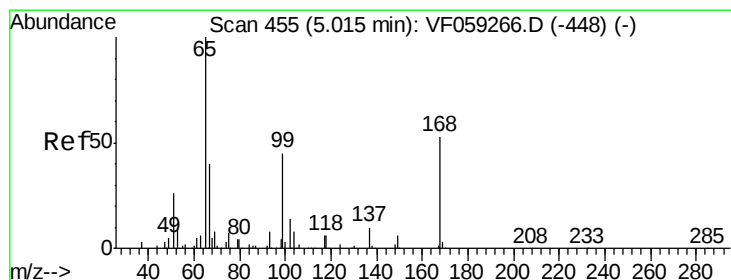
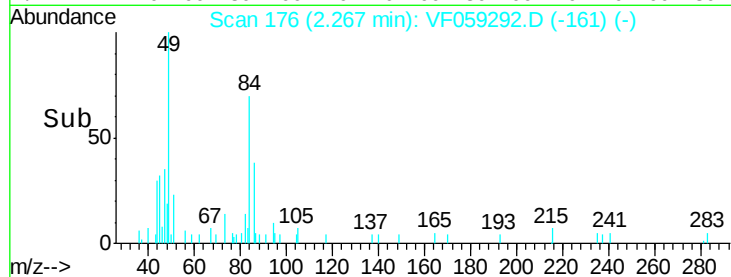
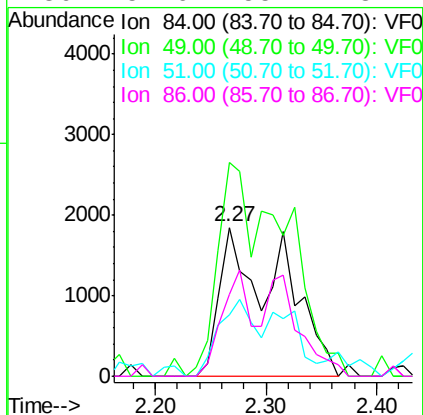
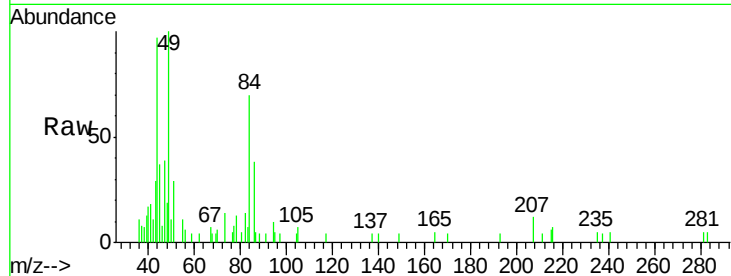
ClientSampleId :

S-2(8.5-9)

Tot Ion:	84	Resp:	7053
Ion	Ratio	Lower	Upper
84	100		
49	143.5	130.0	195.0
51	41.4	36.6	55.0
86	54.6	55.1	82.7#

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#33

1,2-Dichloroethane-d4

Concen: 54.59 ug/l

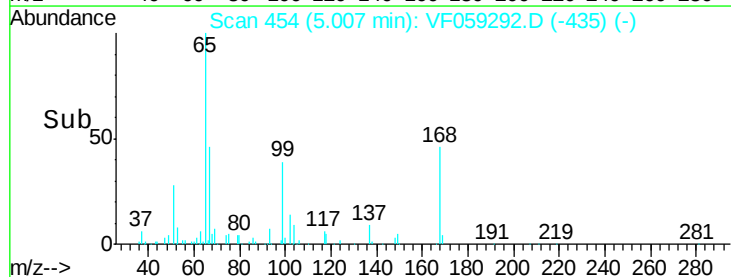
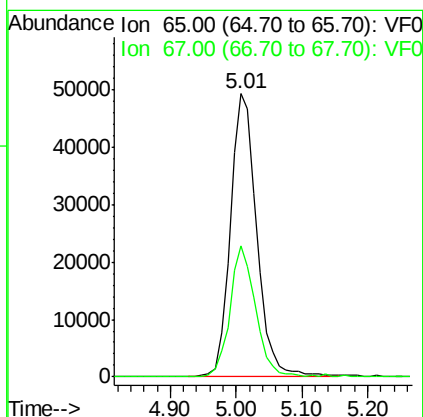
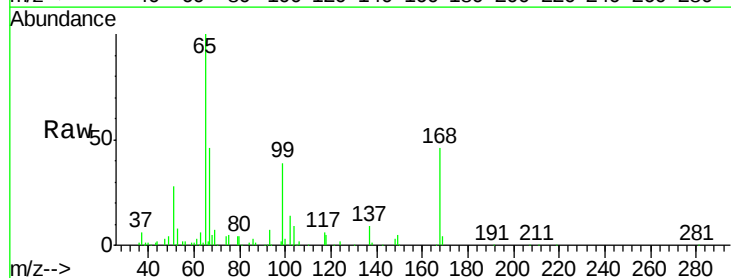
RT: 5.01 min Scan# 454

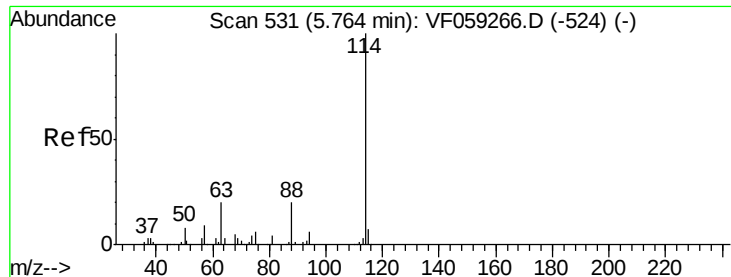
Delta R.T. -0.01 min

Lab File: VF059292.D

Acq: 22 Jun 2018 23:47

Tgt Ion:	65	Resp:	138752
Ion	Ratio	Lower	Upper
65	100		
67	46.5	0.0	95.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059292.D

Acq: 22 Jun 2018 23:47

Instrument :

MSVOA_F

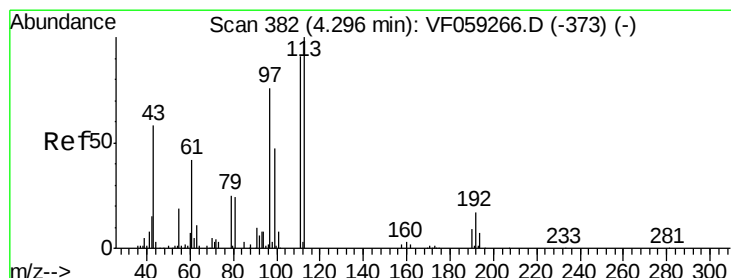
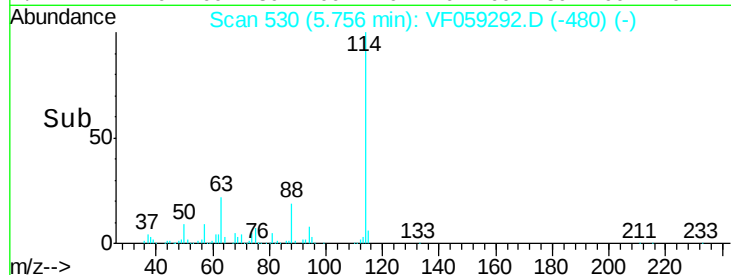
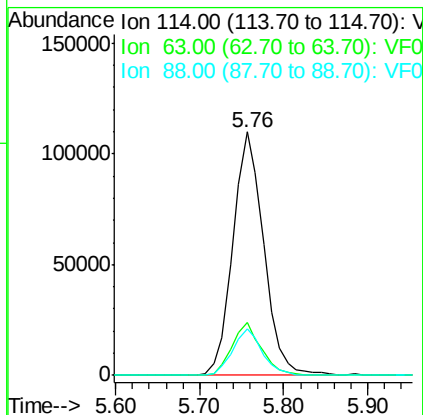
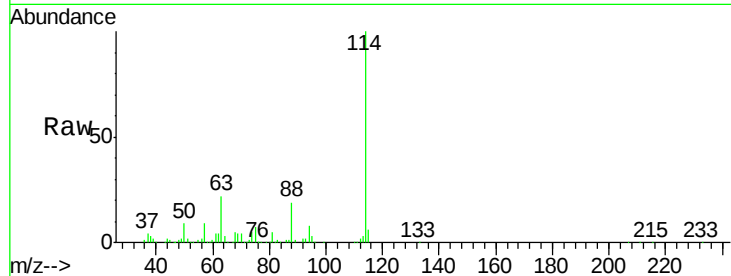
ClientSampleId :

S-2(8.5-9)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	280801		
63	21.6		0.0	41.0
88	19.0		0.0	39.6

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#35

Dibromofluoromethane

Concen: 50.62 ug/l

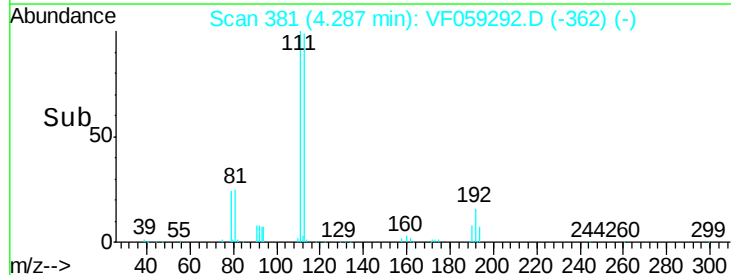
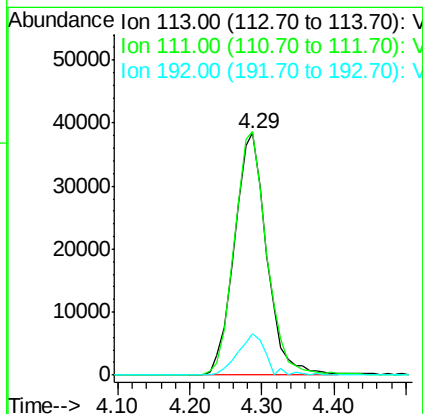
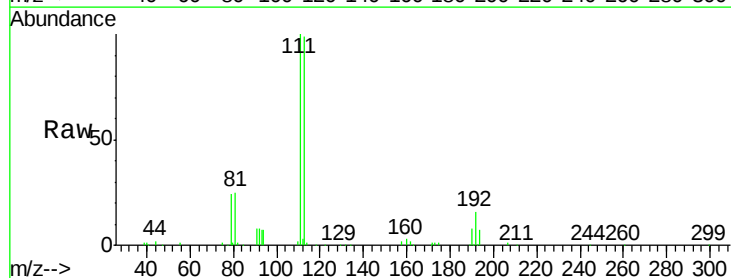
RT: 4.29 min Scan# 381

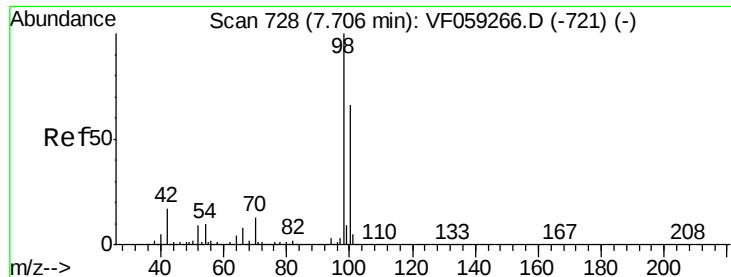
Delta R.T. -0.01 min

Lab File: VF059292.D

Acq: 22 Jun 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	119593		
111	100.5		73.1	109.7
192	17.0		13.9	20.9





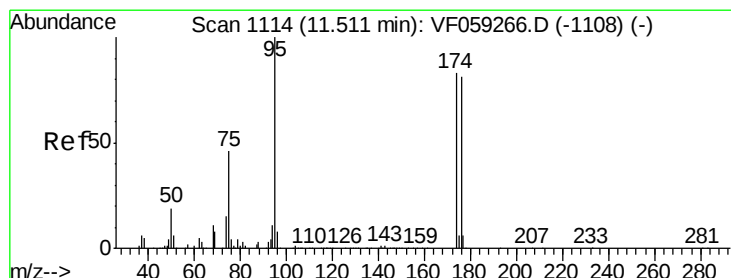
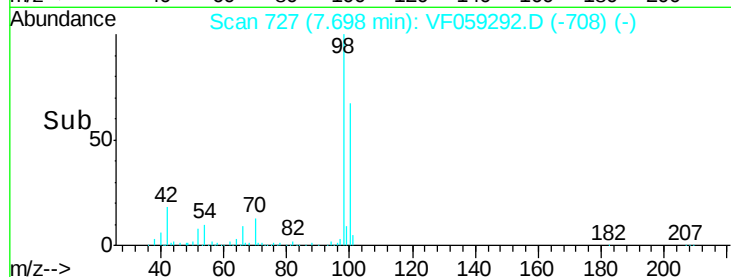
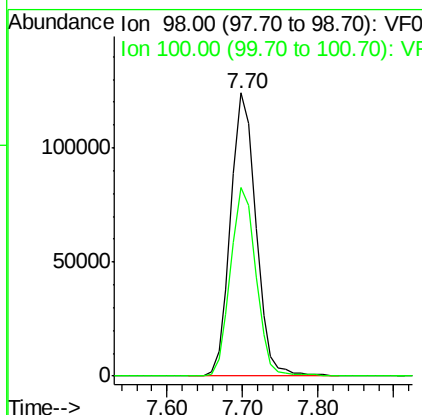
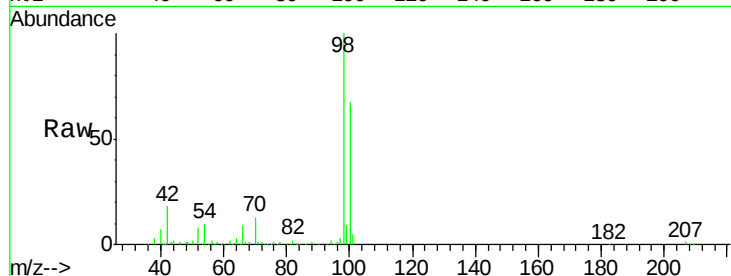
#50
Toluene-d8
Concen: 47.93 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059292.D
Acq: 22 Jun 2018 23:47

Instrument :
MSVOA_F
ClientSampleId :
S-2(8.5-9)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		288049		
100	66.7	52.8	79.2		

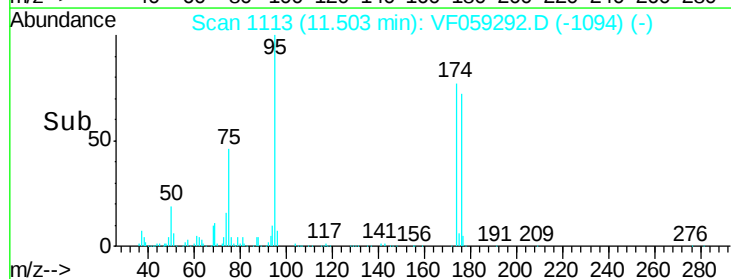
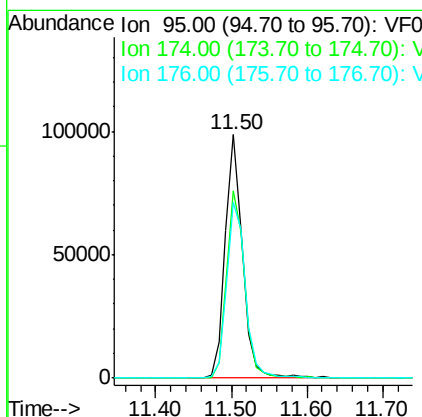
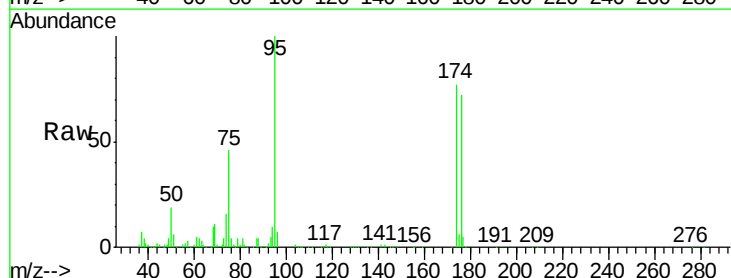
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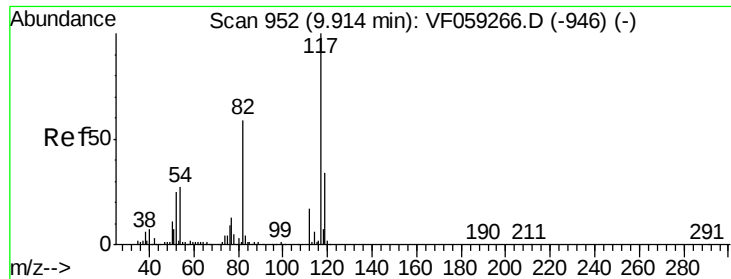
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#62
4-Bromofluorobenzene
Concen: 47.19 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059292.D
Acq: 22 Jun 2018 23:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		157251		
174	76.7	0.0	166.2		
176	72.2	0.0	162.8		





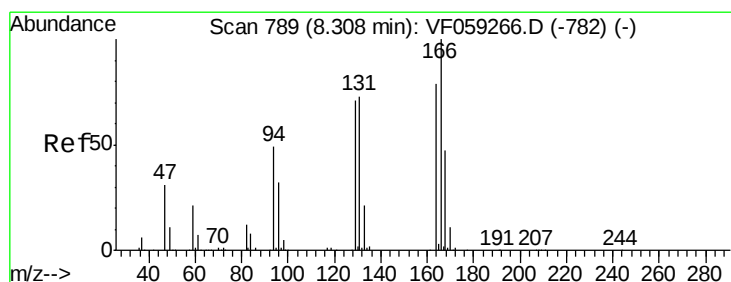
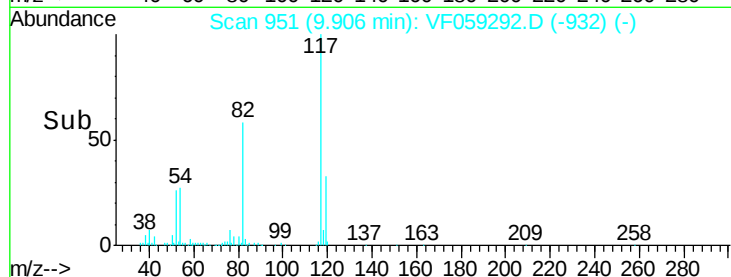
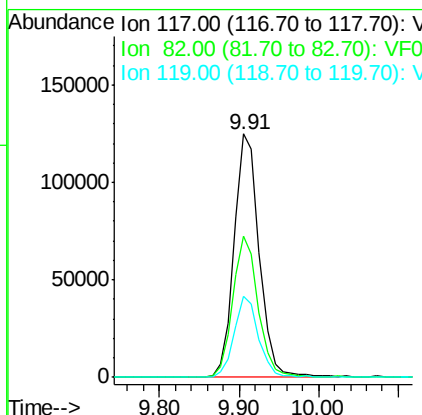
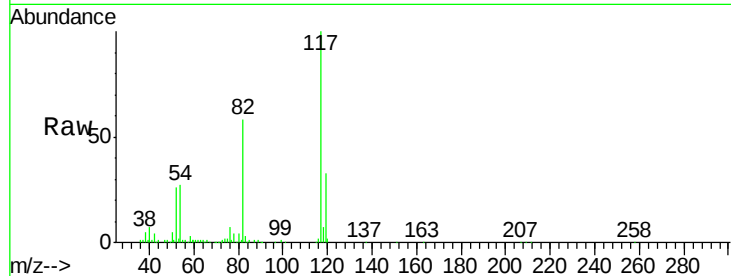
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059292.D
Acq: 22 Jun 2018 23:47

Instrument :
MSVOA_F
ClientSampleId :
S-2(8.5-9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.1	70.7
119	33.1	26.9	40.3

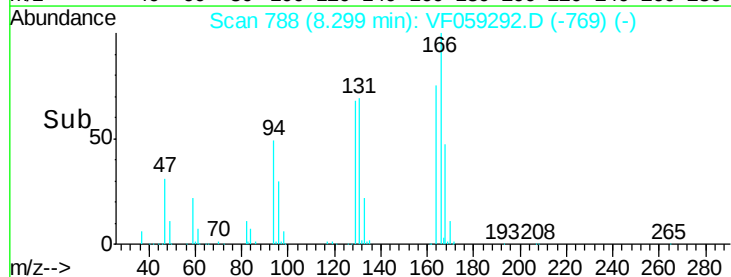
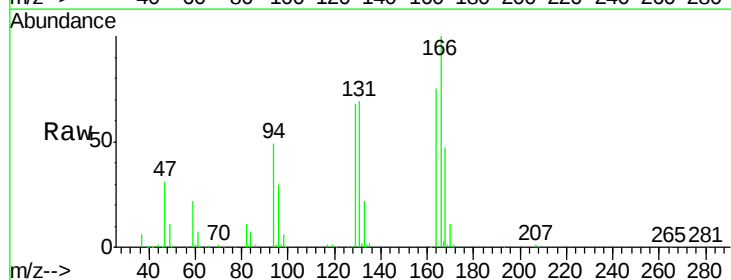
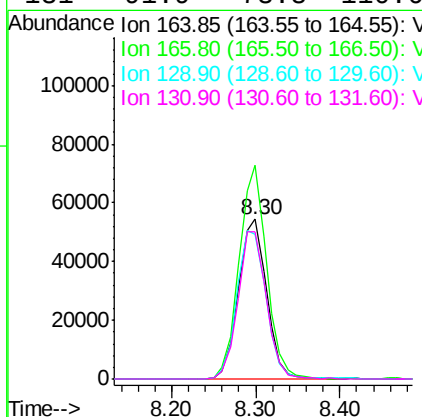
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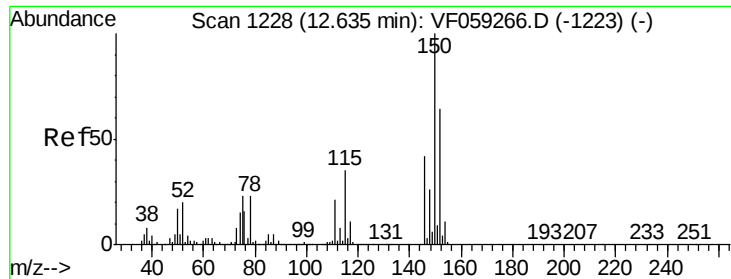
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#64
Tetrachloroethene
Concen: 60.50 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.01 min
Lab File: VF059292.D
Acq: 22 Jun 2018 23:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.6	101.4	152.2
129	90.4	72.2	108.4
131	91.9	73.8	110.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059292.D

Acq: 22 Jun 2018 23:47

Instrument :

MSVOA_F

ClientSampleId :

S-2(8.5-9)

Tot Ion:	152	Resp:	179804
Ion Ratio	Lower	Upper	
152	100		
115	60.7	27.8	83.3
150	155.2	0.0	313.8

Manual Integrations
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