

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080818\
 Data File : VF059926.D
 Acq On : 8 Aug 2018 12:40
 Operator : VA/AP
 Sample : VF0808SBL01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0808SBL01

Manual Integrations
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 8/9/2018 10:44:04 AM

Quant Time: Aug 09 05:41:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	110980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	152728	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	153354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	102832	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	100827	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	4.31	113	82633	54.38	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.76%	
50) Toluene-d8	7.72	98	173055	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
62) 4-Bromofluorobenzene	11.52	95	98629	54.29	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.34	84	8731m	3.95	ug/l	

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

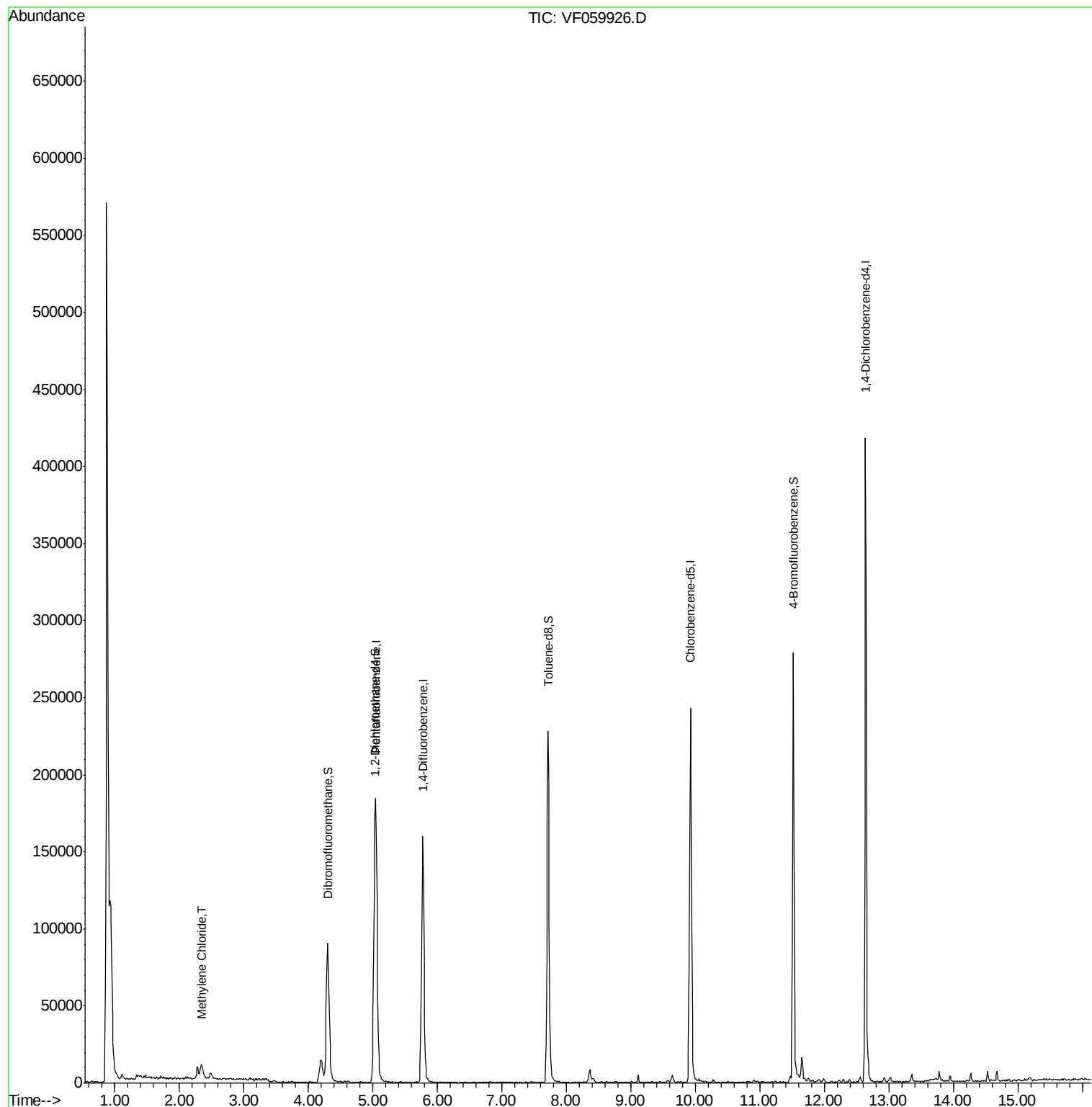
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080818\
Data File : VF059926.D
Acq On : 8 Aug 2018 12:40
Operator : VA/AP
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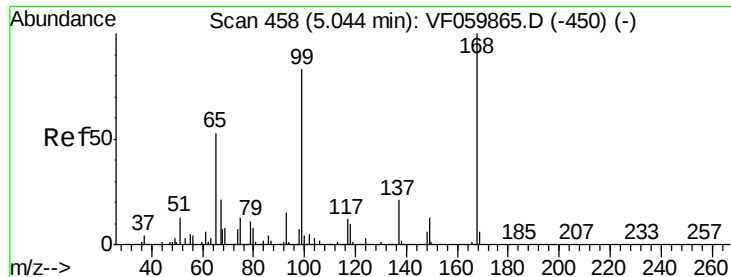
Instrument :
MSVOA_F
ClientSampleId :
VF0808SBL01

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Quant Time: Aug 09 05:41:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059926.D

Acq: 8 Aug 2018 12:40

Instrument :

MSVOA_F

ClientSampleId :

VF0808SBL01

Tot Ion:168 Resp: 110980

Ion Ratio Lower Upper

168 100

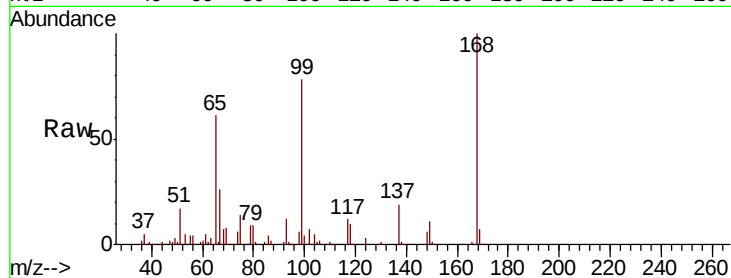
99 77.6 66.3 99.5

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

40000

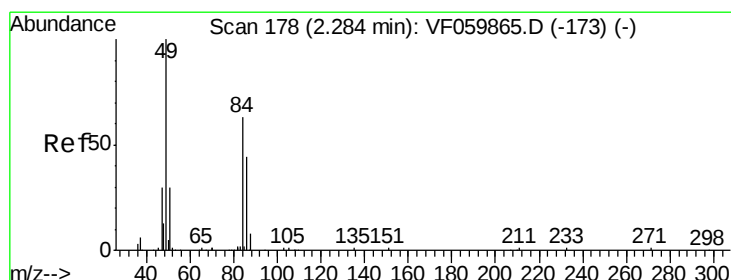
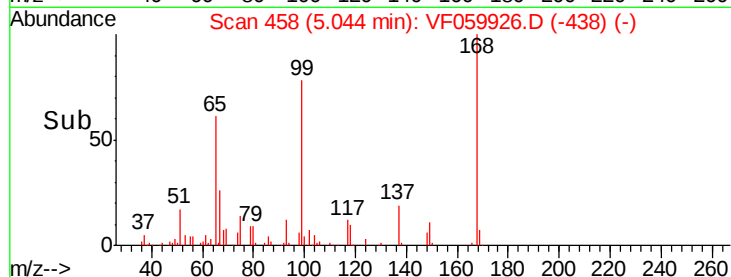
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 3.95 ug/l m

RT: 2.34 min Scan# 184

Delta R.T. 0.06 min

Lab File: VF059926.D

Acq: 8 Aug 2018 12:40

Tgt Ion: 84 Resp: 8731

Ion Ratio Lower Upper

84 100

49 155.1 128.7 193.1

51 35.7 39.3 58.9#

86 68.1 55.9 83.9

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

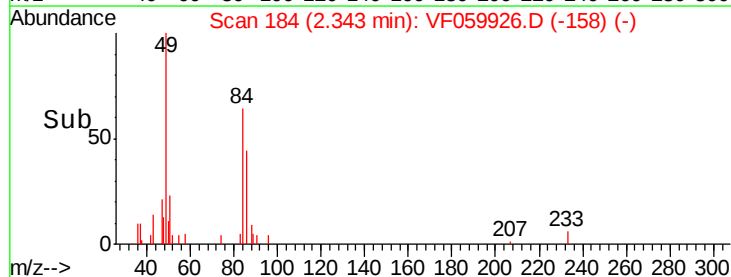
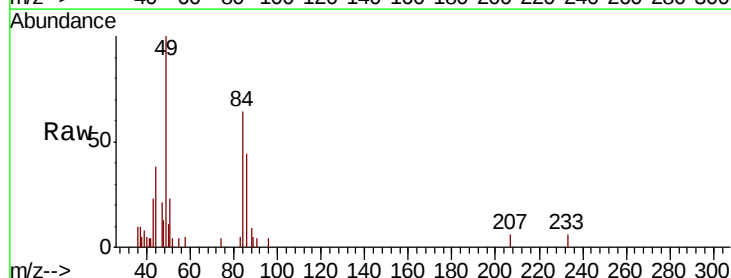
3000

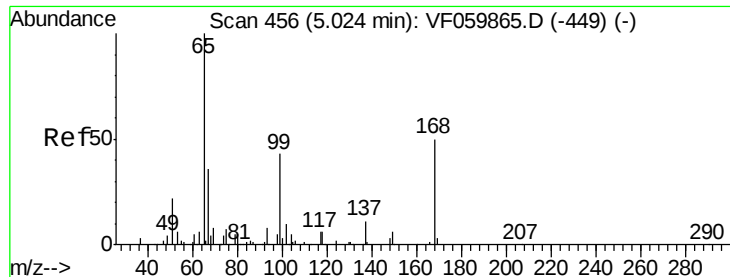
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.39 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059926.D

Acq: 8 Aug 2018 12:40

Instrument :

MSVOA_F

ClientSampleId :

VF0808SBL01

Tot Ion: 65 Resp: 100827

Ion Ratio Lower Upper

65 100

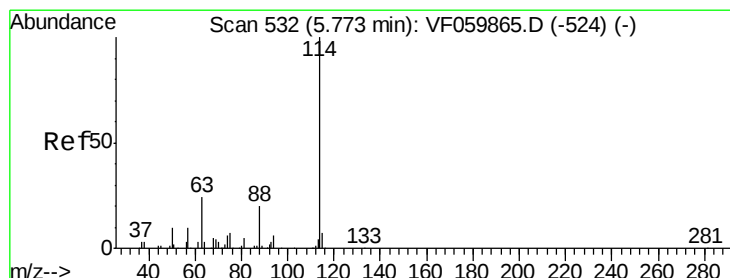
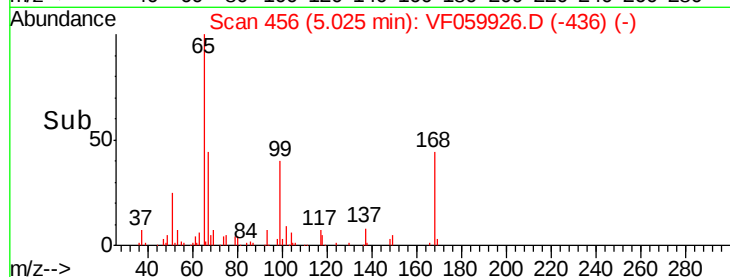
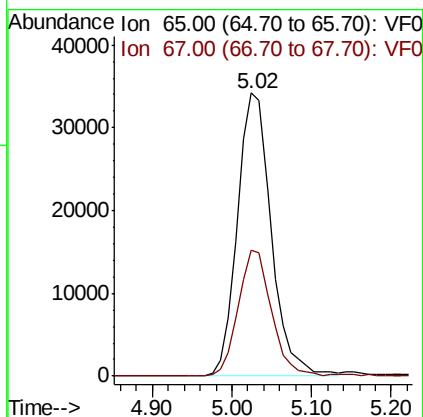
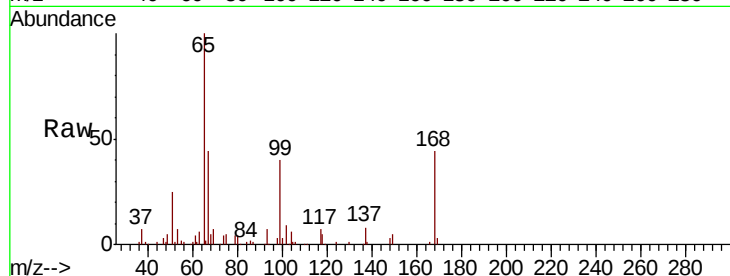
67 44.3 0.0 77.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059926.D

Acq: 8 Aug 2018 12:40

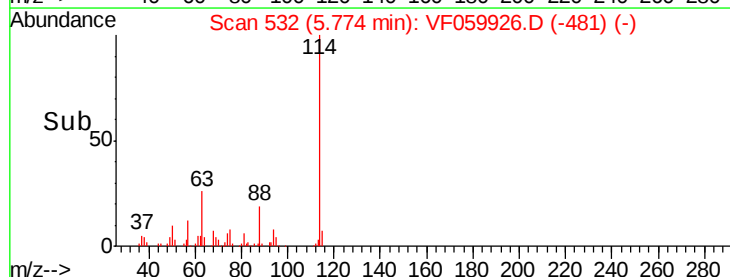
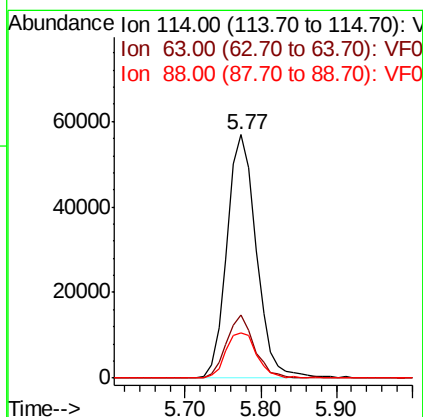
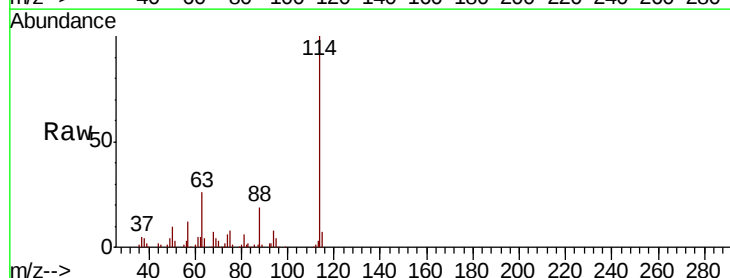
Tgt Ion: 114 Resp: 152728

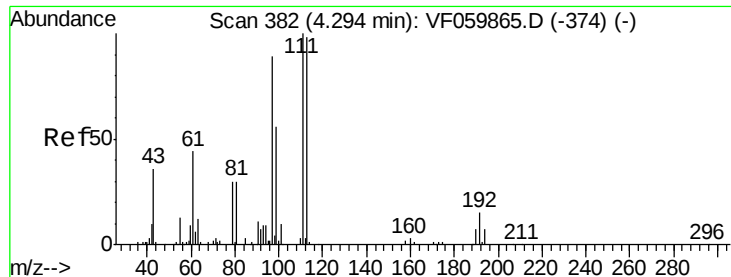
Ion Ratio Lower Upper

114 100

63 26.2 0.0 48.0

88 18.6 0.0 39.4





#35

Dibromofluoromethane

Concen: 54.38 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF059926.D

Acq: 8 Aug 2018 12:40

Instrument :

MSVOA_F

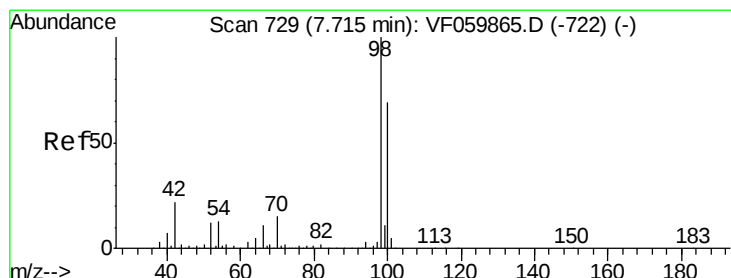
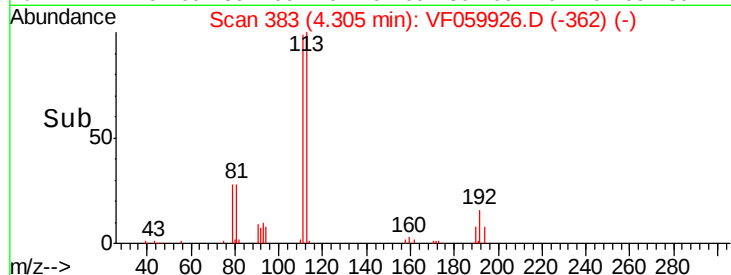
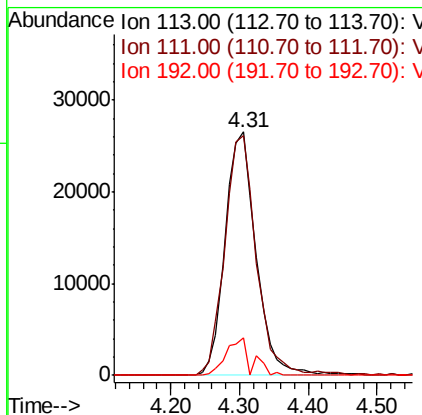
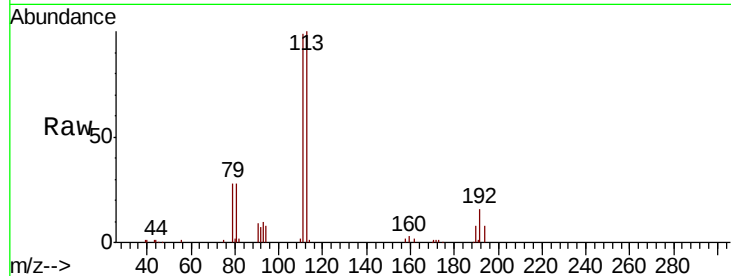
ClientSampleId :

VF0808SBL01

Tot Ion:	113	Resp:	82633
Ion Ratio	Lower	Upper	
113	100		
111	98.6	81.8	122.8
192	15.5	12.4	18.6

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#50

Toluene-d8

Concen: 53.52 ug/l

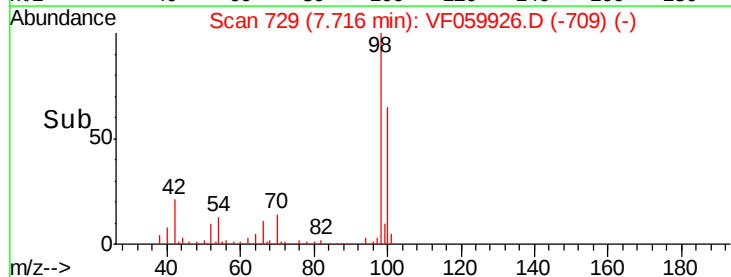
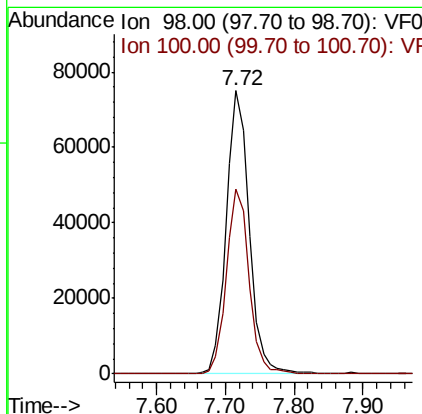
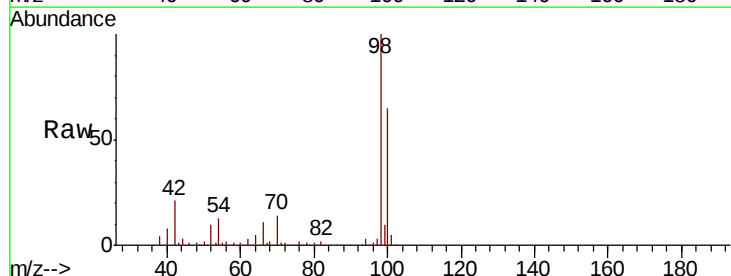
RT: 7.72 min Scan# 729

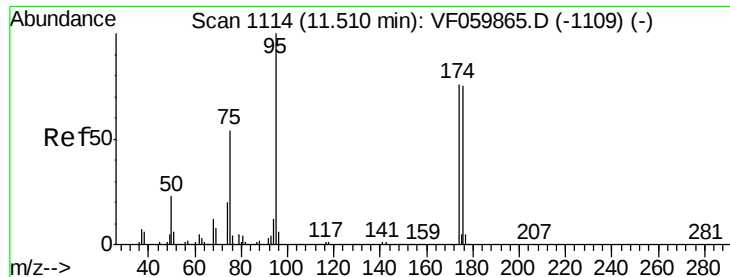
Delta R.T. 0.00 min

Lab File: VF059926.D

Acq: 8 Aug 2018 12:40

Tgt Ion:	98	Resp:	173055
Ion Ratio	Lower	Upper	
98	100		
100	65.2	55.0	82.6





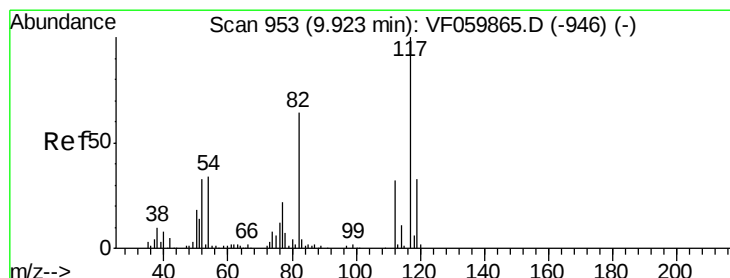
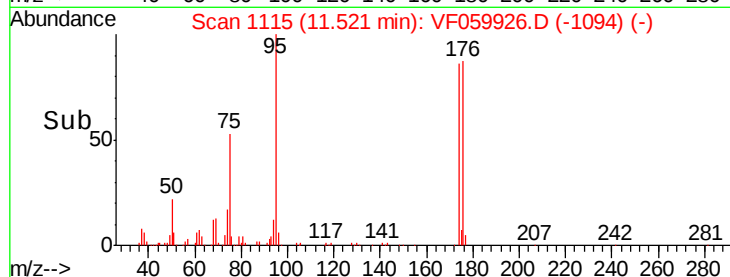
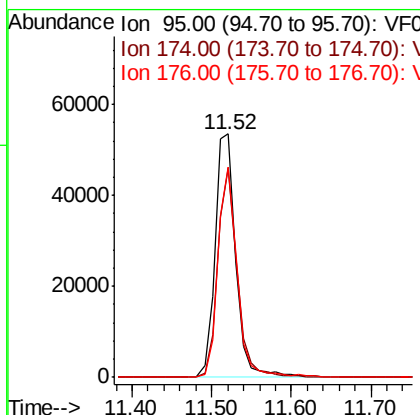
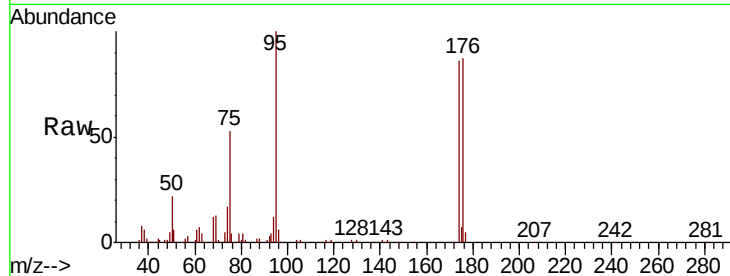
#62
4-Bromofluorobenzene
Concen: 54.29 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF059926.D
Acq: 8 Aug 2018 12:40

Instrument :
MSVOA_F
ClientSampleId :
VF0808SBL01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	98629		
174	85.9	0.0	151.6	
176	86.5	0.0	149.8	

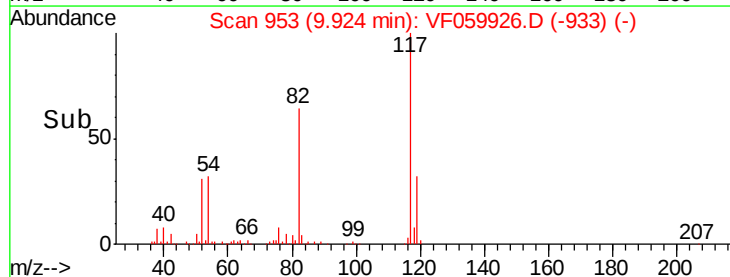
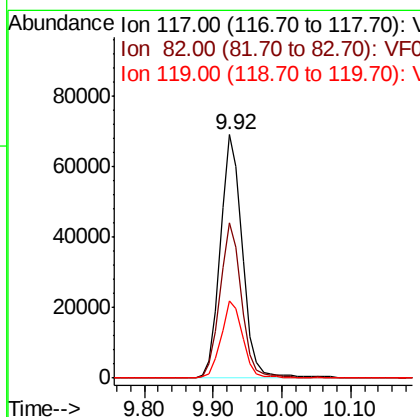
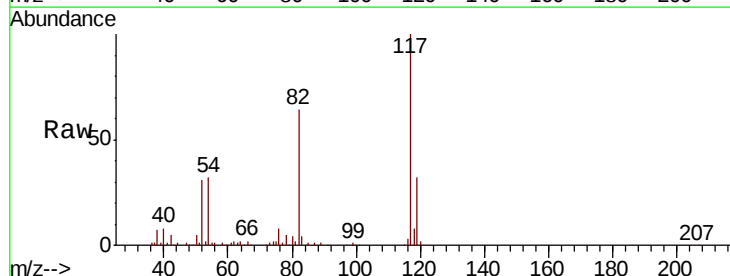
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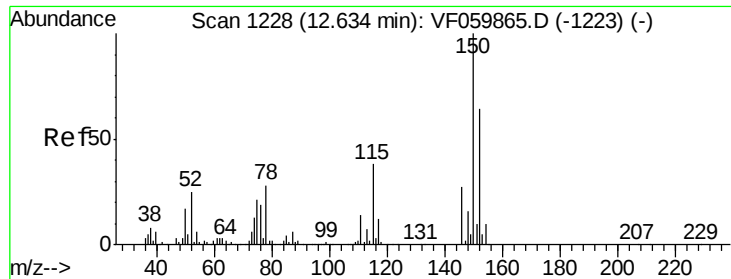
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059926.D
Acq: 8 Aug 2018 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	153354		
82	64.0	51.3	76.9	
119	31.7	26.4	39.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059926.D

Acq: 8 Aug 2018 12:40

Instrument :

MSVOA_F

ClientSampleId :

VF0808SBL01

Tot Ion:152 Resp: 102832

Ion Ratio Lower Upper

152 100

115 62.5 29.8 89.4

150 156.4 0.0 315.6

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