

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059885.D
 Acq On : 23 Aug 2018 13:45
 Operator : JC/SY
 Sample : J4569-02RE
 Misc : 10.44g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-037RE

Manual Integrations
 APPROVED

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 8/24/2018 3:09:11 PM

Quant Time: Aug 23 14:59:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	100093	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.43	114	230575	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	137297	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	27634	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	208387	247.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	494.02%	
35) Dibromofluoromethane	6.31	113	172852	95.62	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	191.24%	
50) Toluene-d8	9.45	98	240848	48.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.42	95	51102	25.08	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	50.16%	
Target Compounds						
30) Chloroform	6.09	83	108728	61.23	ug/l	Qvalue 97

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

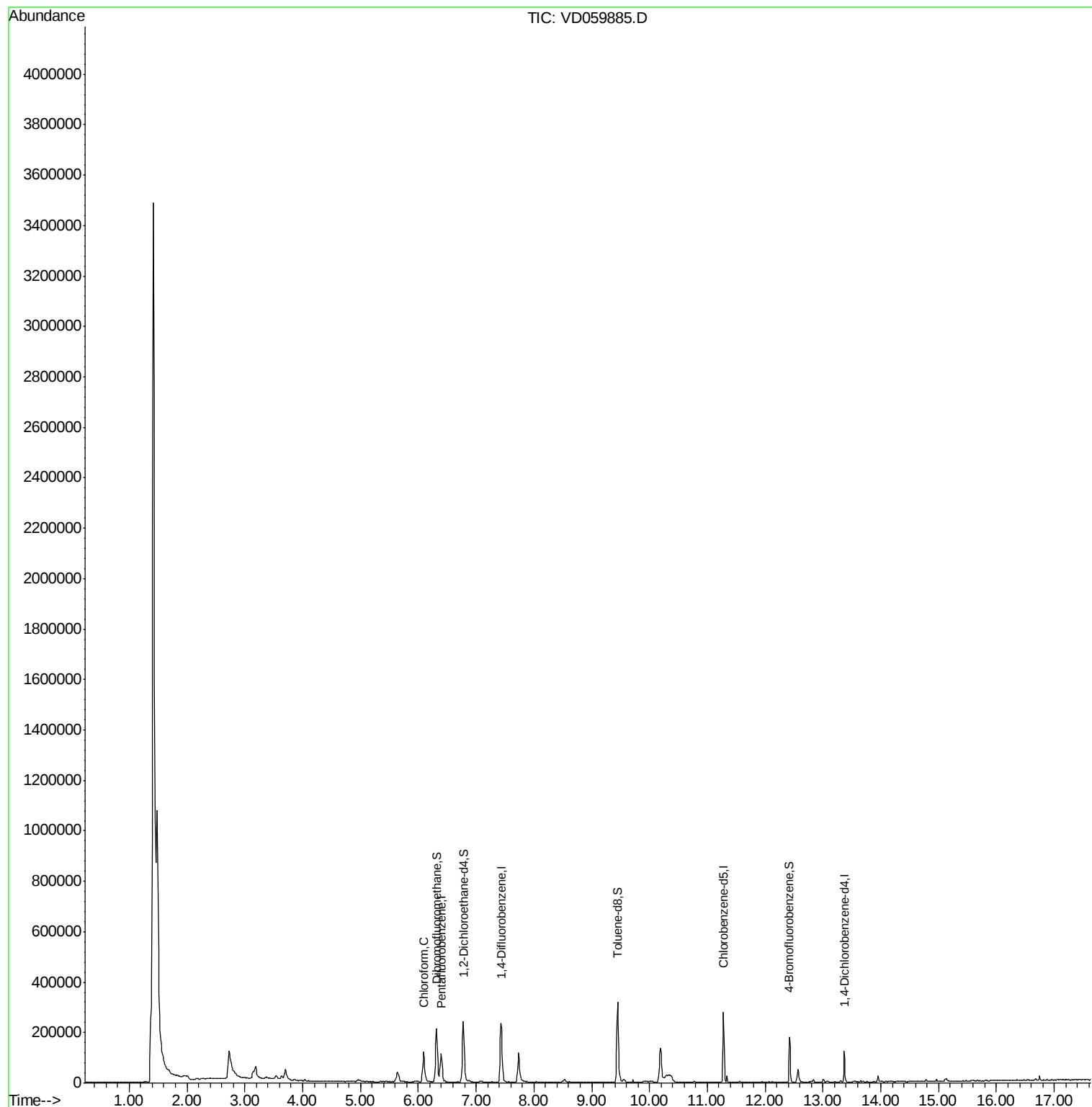
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082318\
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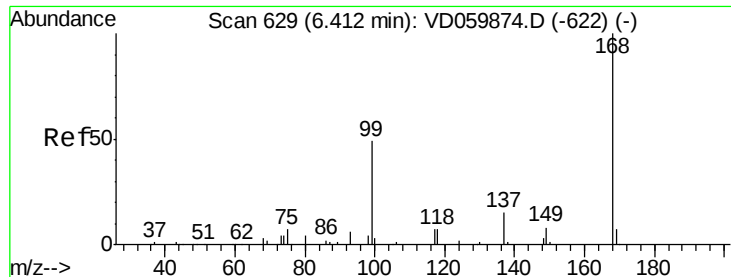
Instrument :
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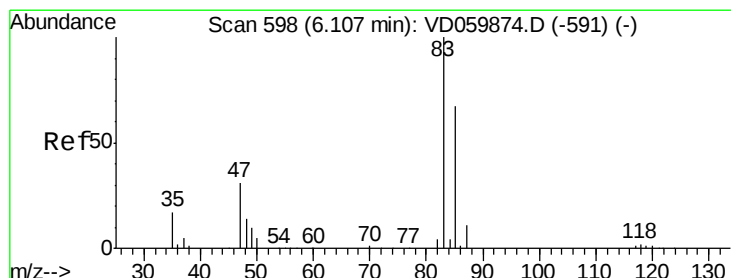
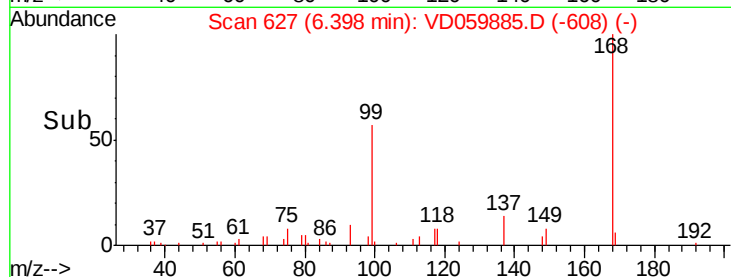
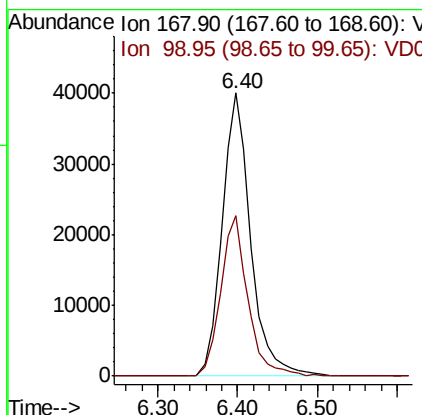
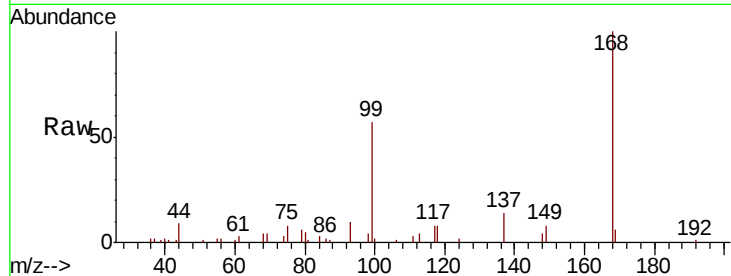
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.40 min Scan# 627
Delta R.T. -0.01 min
Lab File: VD059885.D
Acq: 23 Aug 2018 13:45

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-037RE

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.9	42.2	63.2

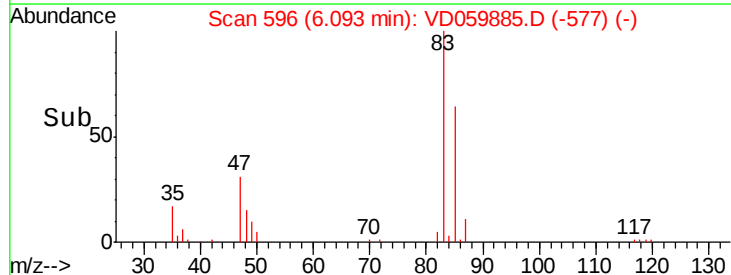
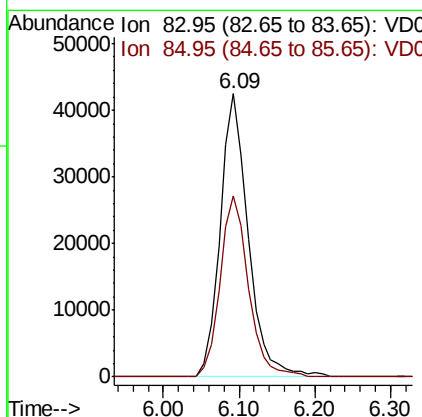
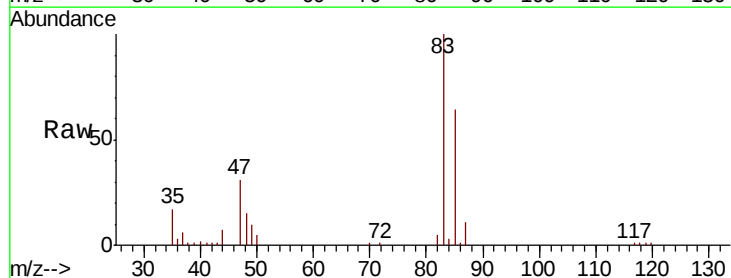
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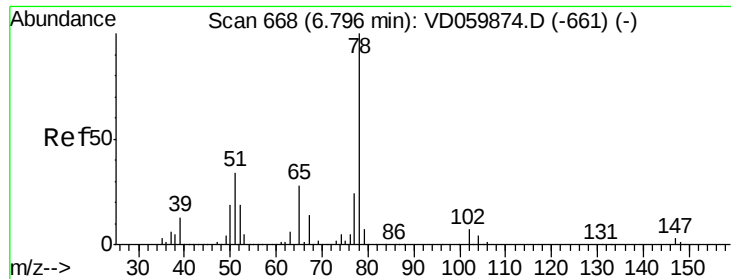
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#30
Chloroform
Concen: 61.23 ug/l
RT: 6.09 min Scan# 596
Delta R.T. -0.01 min
Lab File: VD059885.D
Acq: 23 Aug 2018 13:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.5	80.3





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 665

Delta R.T. -0.02 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Tot Ion	Ratio	Resp	Lower	Upper
65	100	208387		
67	50.5	0.0	103.8	

Instrument :

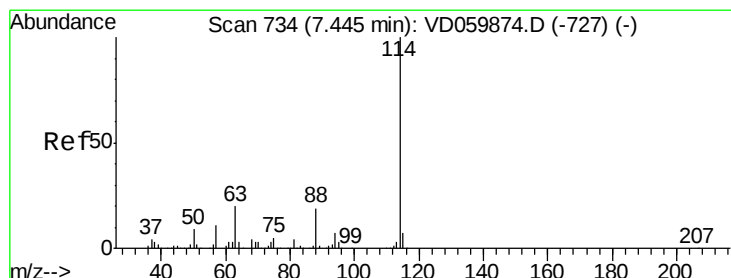
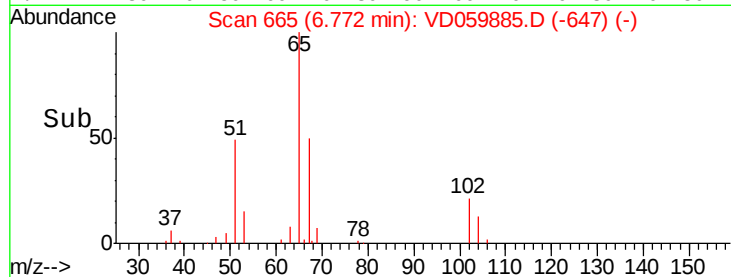
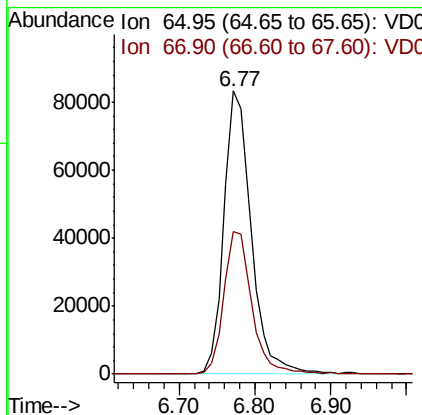
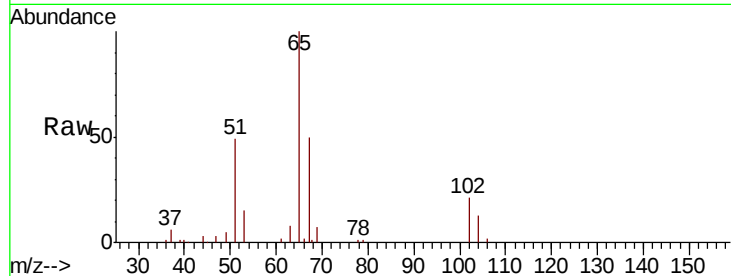
MSVOA_D

ClientSampleId :

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

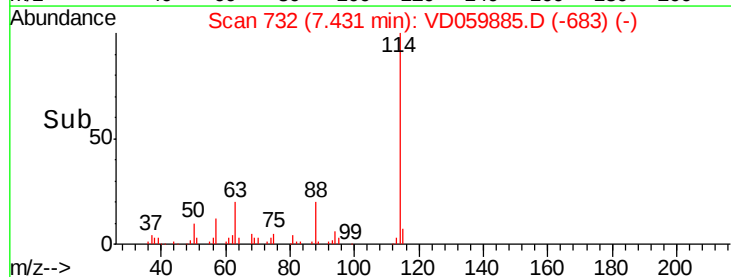
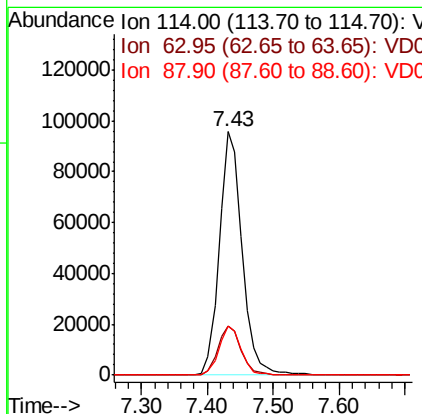
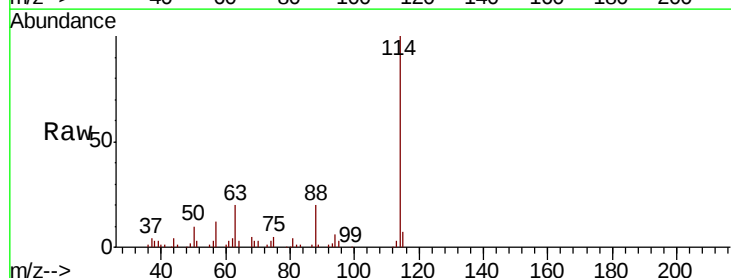
RT: 7.43 min Scan# 732

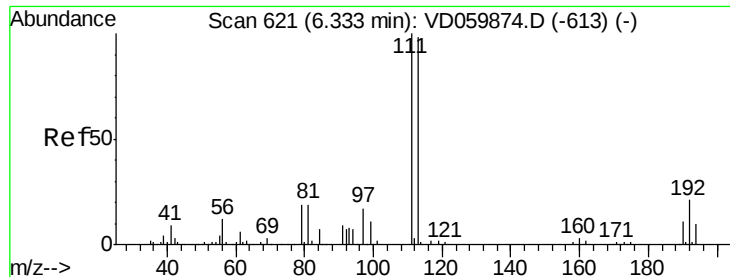
Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	230575		
63	20.2	0.0	39.4	
88	19.9	0.0	37.6	





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.31 min Scan# 618

Delta R.T. -0.02 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

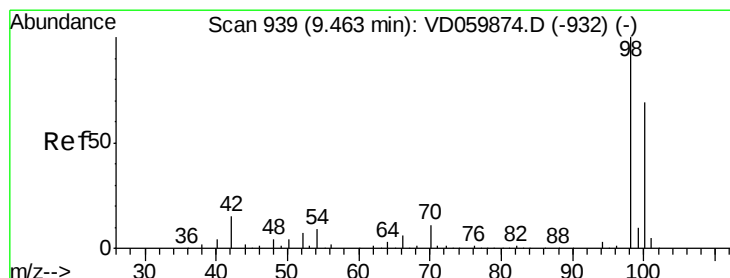
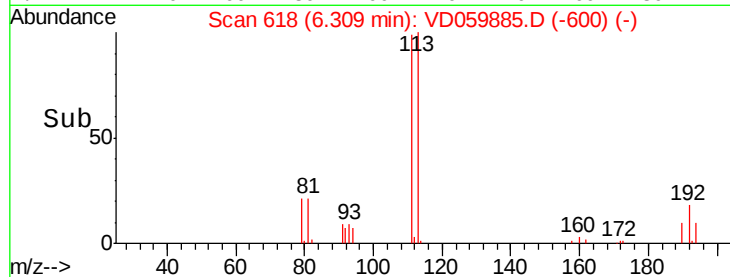
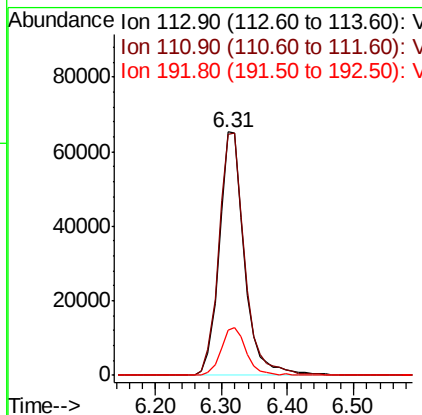
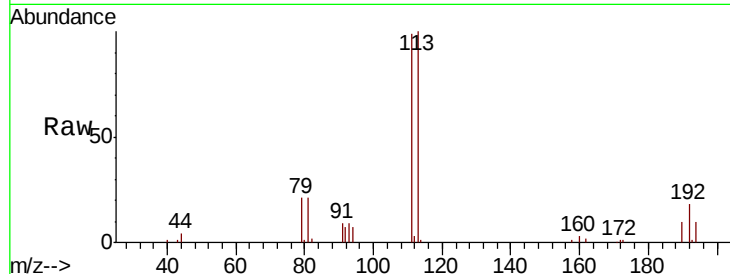
ClientSampleId :

FK-PS-01-037RE

Tot Ion:	113	Resp:	172852
Ion Ratio	Lower	Upper	
113	100		
111	99.0	81.4	122.2
192	18.5	17.0	25.6

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#50

Toluene-d8

Concen: N.D. ug/l

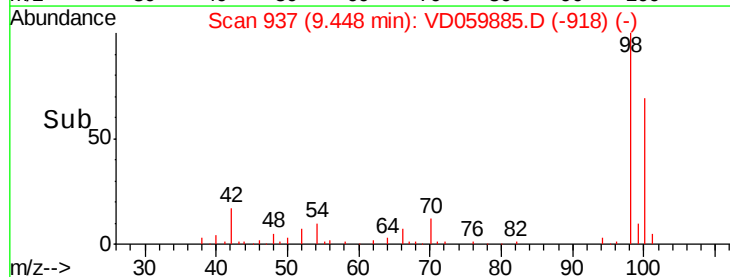
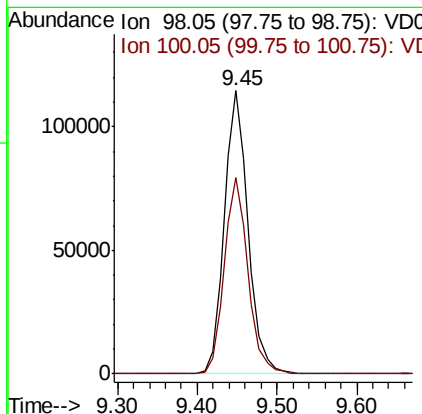
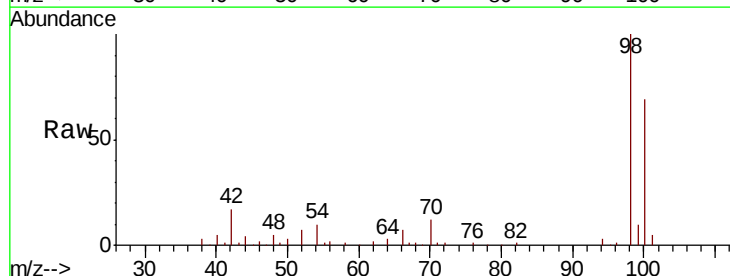
RT: 9.45 min Scan# 937

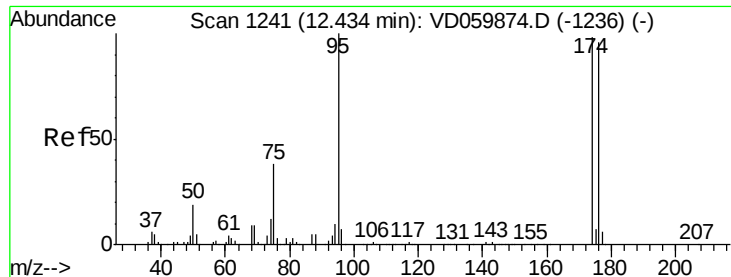
Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Tgt Ion:	98	Resp:	240848
Ion Ratio	Lower	Upper	
98	100		
100	69.2	55.8	83.6





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

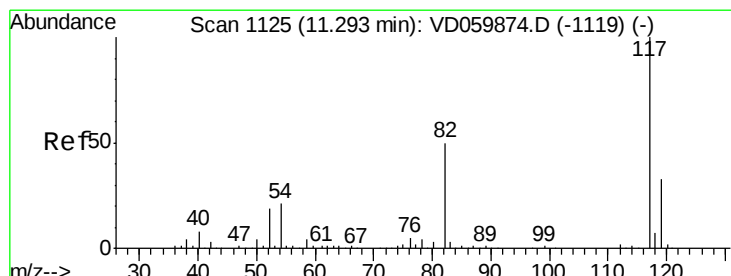
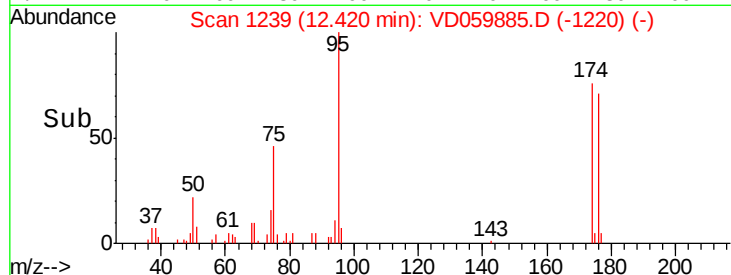
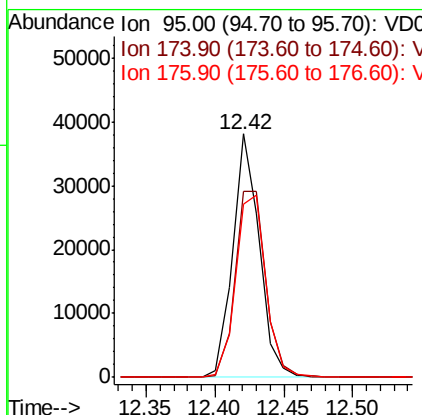
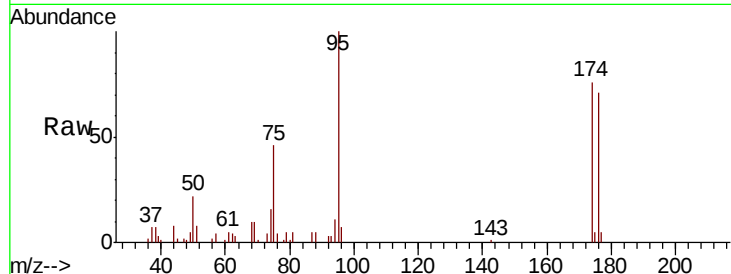
ClientSampleId :

FK-PS-01-037RE

Tot Ion:	95	Resp:	51102
Ion Ratio	Lower	Upper	
95	100		
174	76.2	0.0	195.6
176	71.1	0.0	191.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

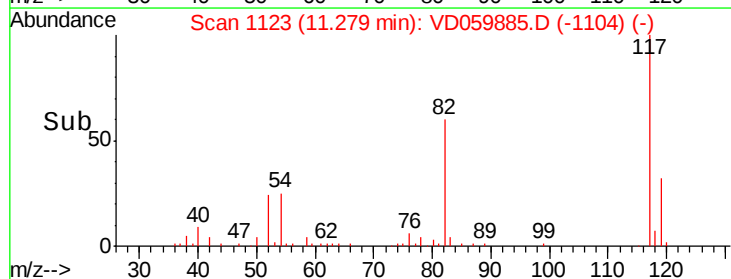
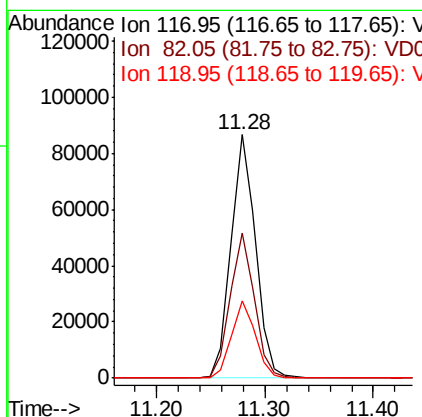
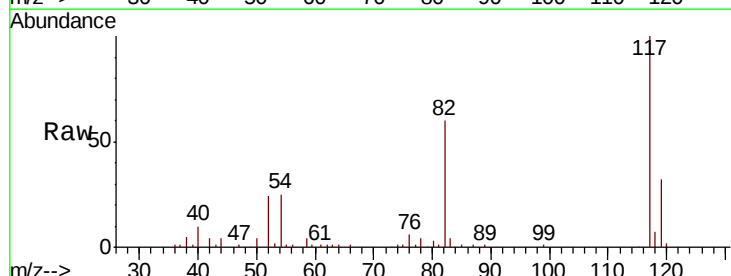
RT: 11.28 min Scan# 1123

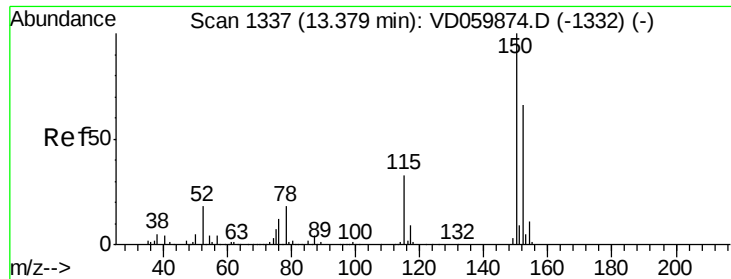
Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Tgt Ion:	117	Resp:	137297
Ion Ratio	Lower	Upper	
117	100		
82	59.5	40.1	60.1
119	31.9	26.7	40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.37 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-037RE

Tot Ion:152 Resp: 27634

Ion Ratio Lower Upper

152 100

115 55.2 25.7 77.0

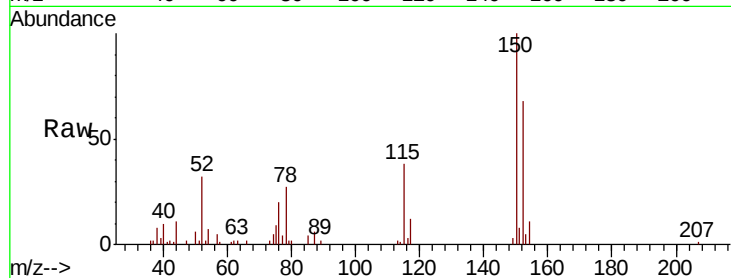
150 146.6 0.0 310.2

Manual Integrations

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Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

