

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059941.D
 Acq On : 31 Aug 2018 17:46
 Operator : JC/SY
 Sample : J4730-02
 Misc : 10.07g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-02-008-ABCD

Quant Time: Sep 01 03:40:36 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

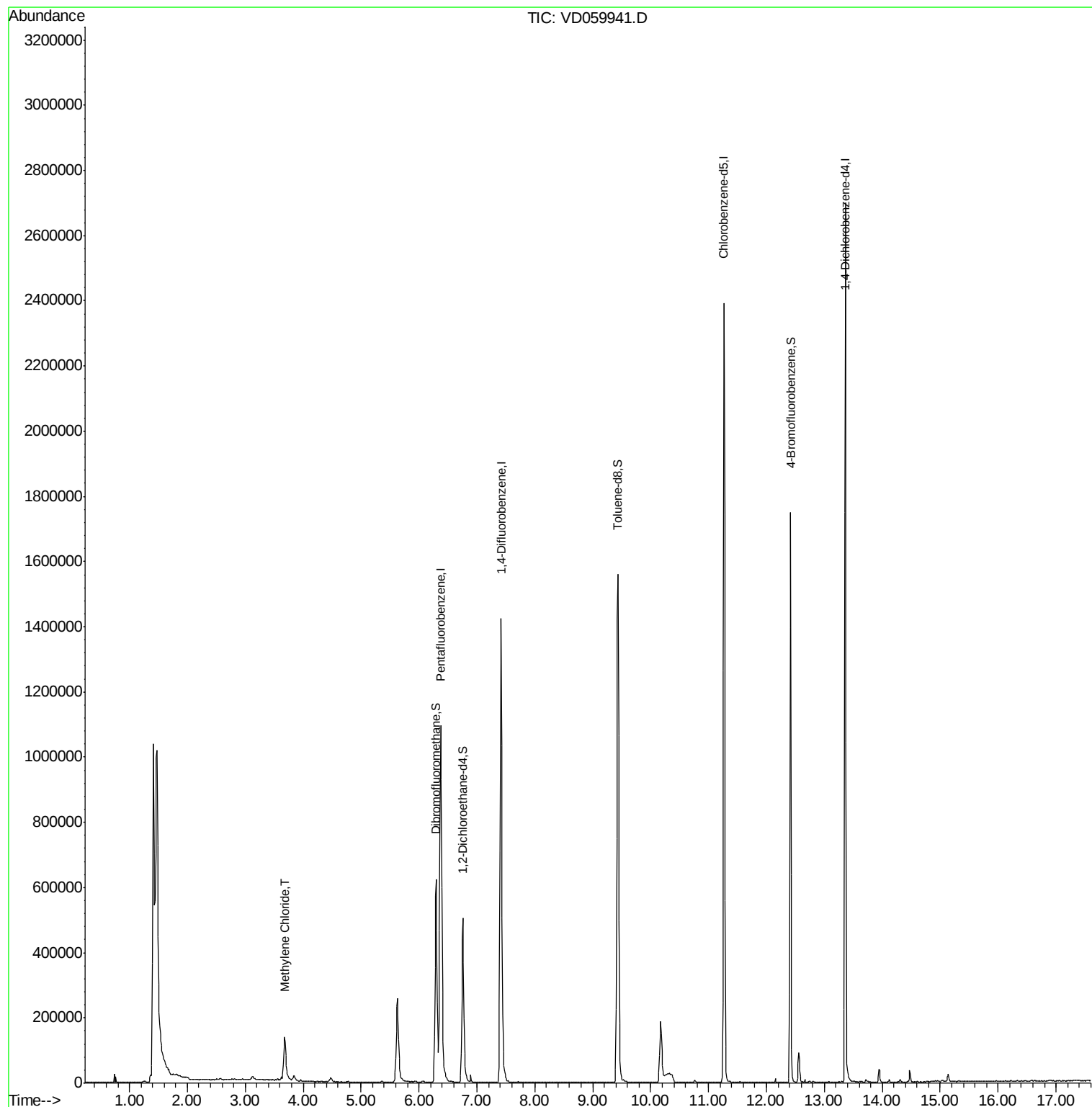
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1028624	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1441962	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1219286	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	609144	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	411324	47.44	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	94.88%	
35) Dibromofluoromethane	6.30	113	480243	42.48	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	84.96%	
50) Toluene-d8	9.44	98	1257336	40.07	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	80.14%	
62) 4-Bromofluorobenzene	12.42	95	500239	39.26	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.52%	
Target Compounds						
20) Methylene Chloride	3.68	84	77644	3.94	ug/l	Qvalue 96

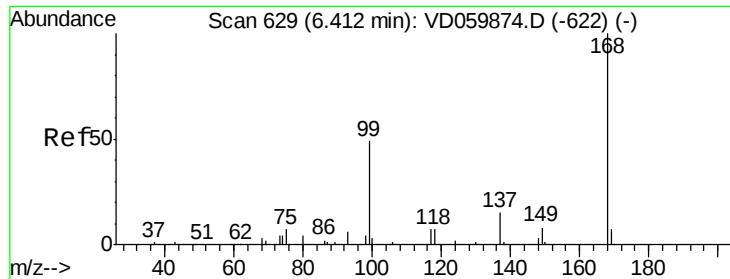
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.04 min

Lab File: VD059941.D

Acq: 31 Aug 2018 17:46

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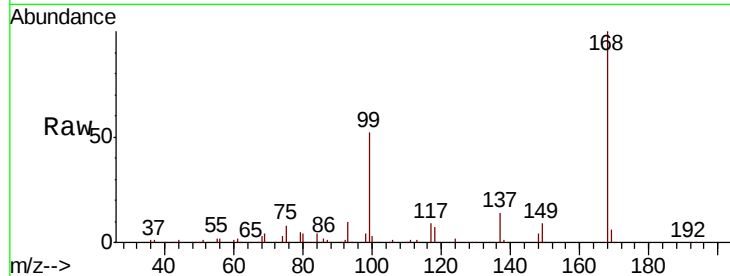
FK-BPM-02-008-ABCD

Tot Ion:168 Resp: 1028624

Ion Ratio Lower Upper

168 100

99 51.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

400000

300000

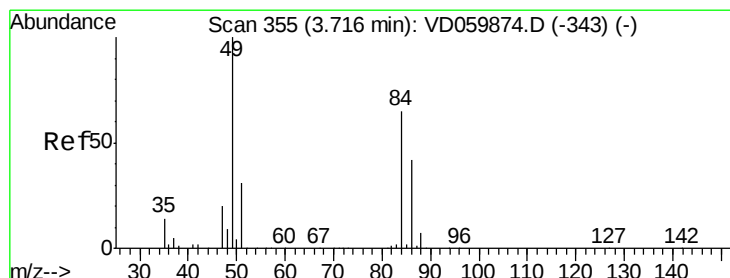
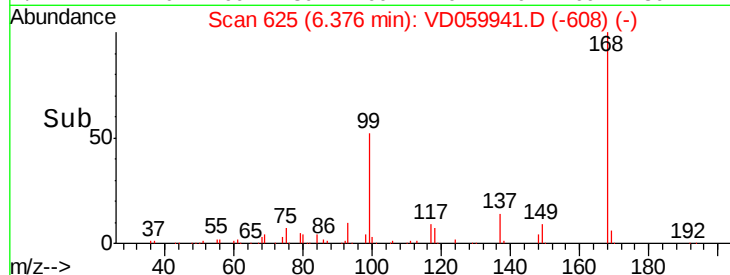
200000

100000

0

Time-->

6.20 6.30 6.40 6.50 6.60



#20

Methylene Chloride

Concen: 3.94 ug/l

RT: 3.68 min Scan# 351

Delta R.T. -0.04 min

Lab File: VD059941.D

Acq: 31 Aug 2018 17:46

Tgt Ion: 84 Resp: 77644

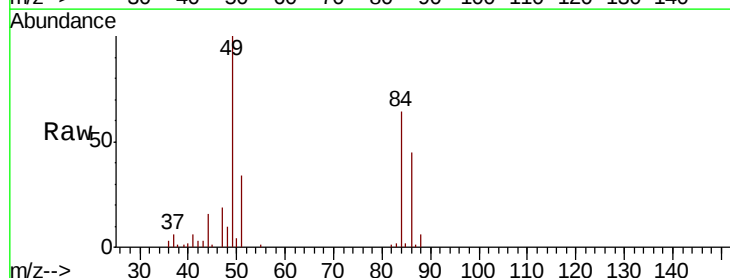
Ion Ratio Lower Upper

84 100

49 155.5 122.6 183.8

51 52.6 38.4 57.6

86 69.3 51.5 77.3



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

60000

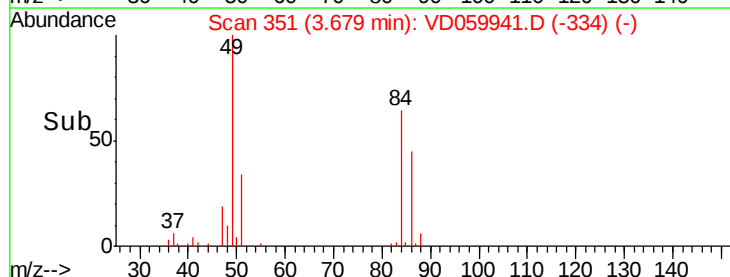
40000

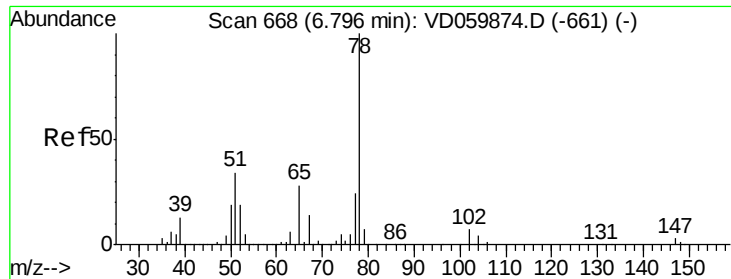
20000

0

Time-->

3.60 3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 664

Delta R.T. -0.04 min

Lab File: VD059941.D

Acq: 31 Aug 2018 17:46

Instrument :

MSVOA_D

ClientSampleId :

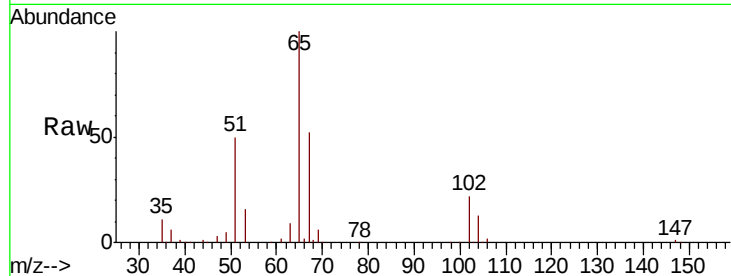
FK-BPM-02-008-ABCD

Tot Ion: 65 Resp: 411324

Ion Ratio Lower Upper

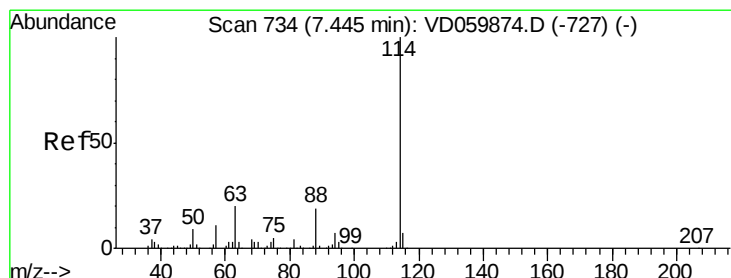
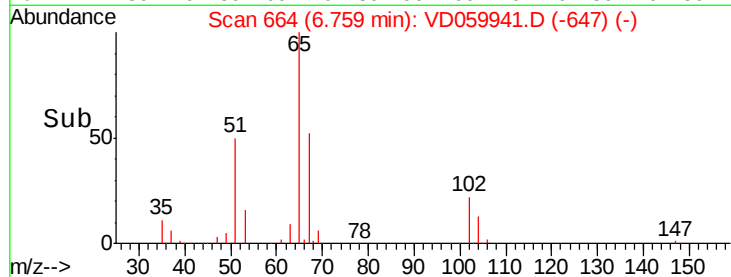
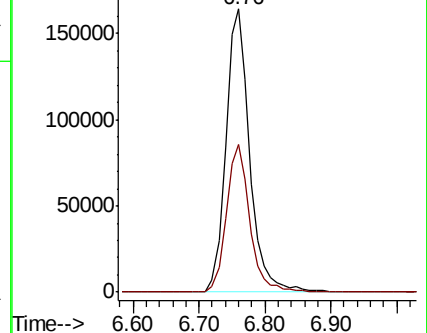
65 100

67 52.4 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 731

Delta R.T. -0.03 min

Lab File: VD059941.D

Acq: 31 Aug 2018 17:46

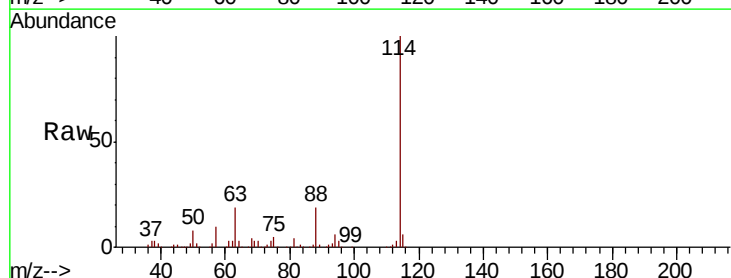
Tgt Ion: 114 Resp: 1441962

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

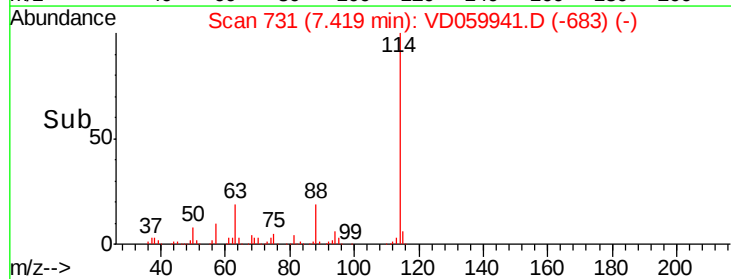
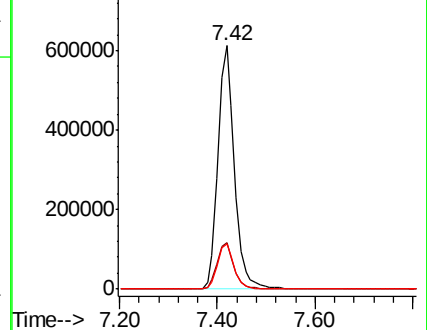
88 18.6 0.0 37.6

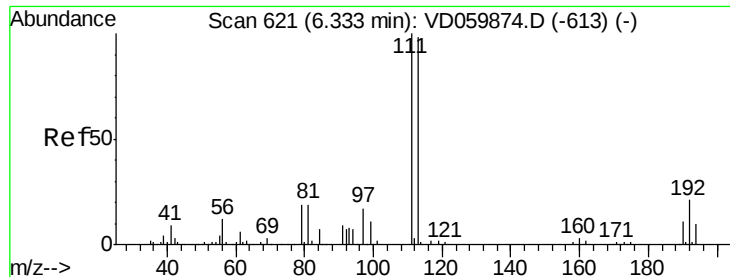


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 617

Delta R.T. -0.04 min

Lab File: VD059941.D

Acq: 31 Aug 2018 17:46

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-02-008-ABCD

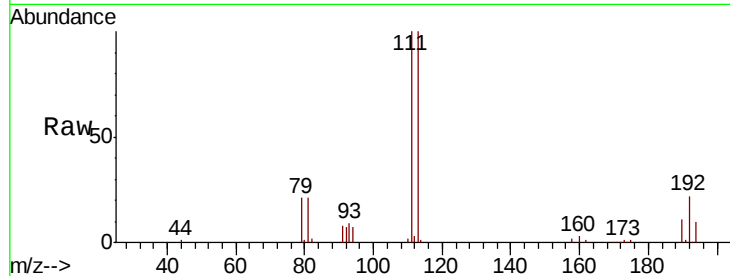
Tot Ion:113 Resp: 480243

Ion Ratio Lower Upper

113 100

111 100.3 81.4 122.2

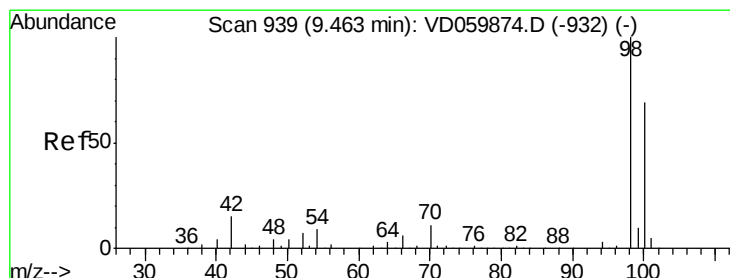
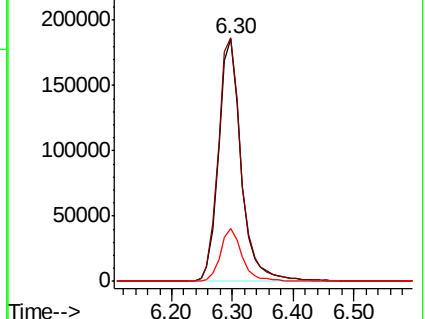
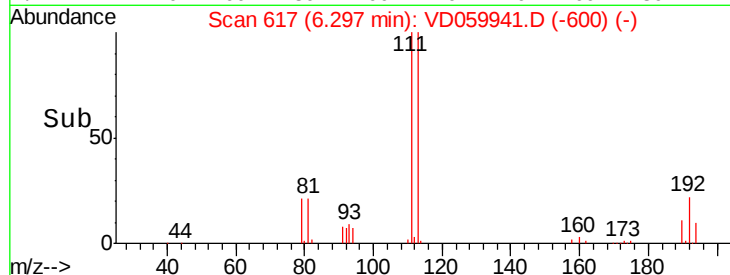
192 21.9 17.0 25.6



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 936

Delta R.T. -0.03 min

Lab File: VD059941.D

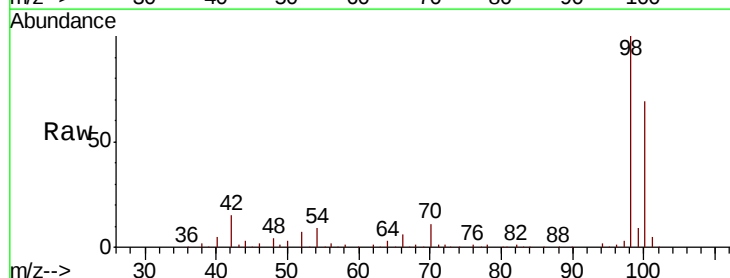
Acq: 31 Aug 2018 17:46

Tgt Ion: 98 Resp: 1257336

Ion Ratio Lower Upper

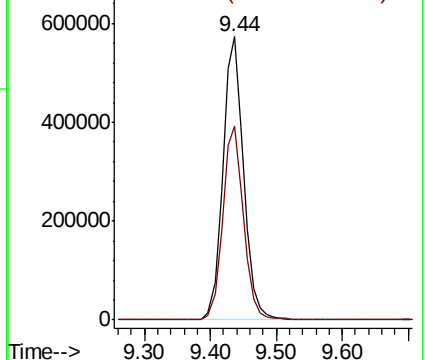
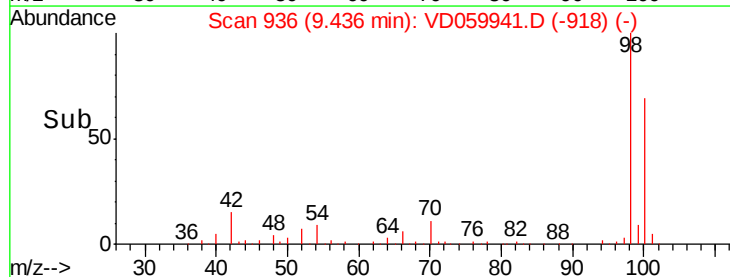
98 100

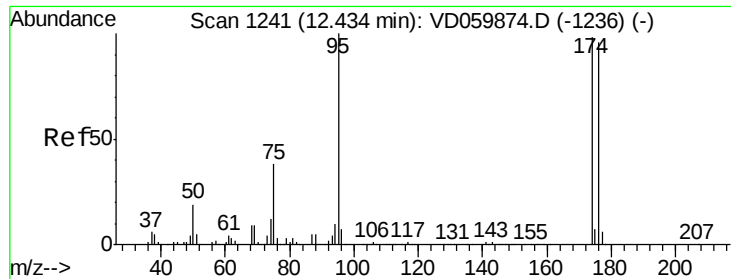
100 68.6 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

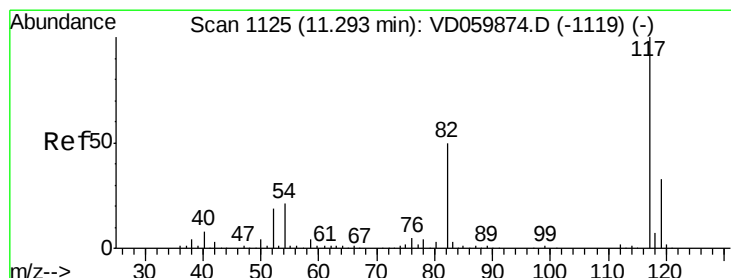
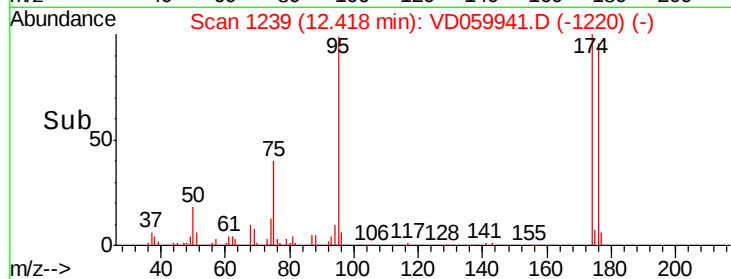
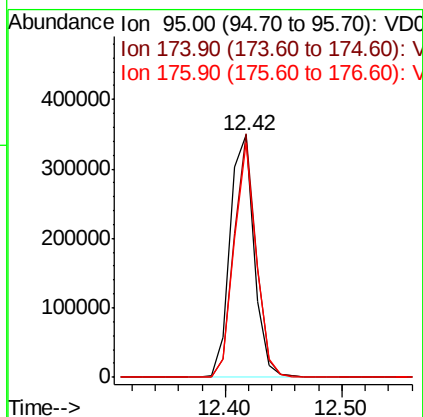
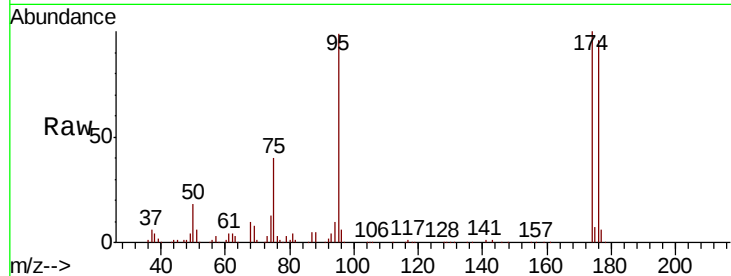




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059941.D
Acq: 31 Aug 2018 17:46

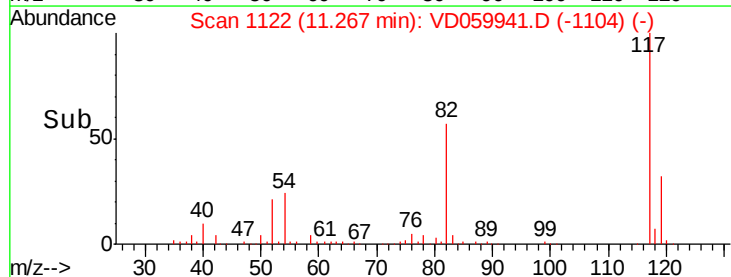
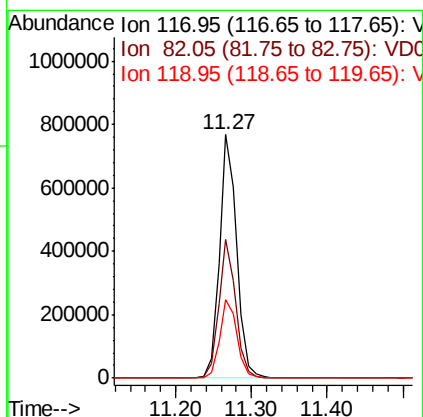
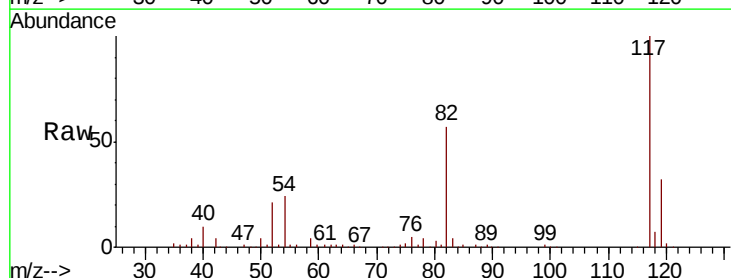
Instrument :
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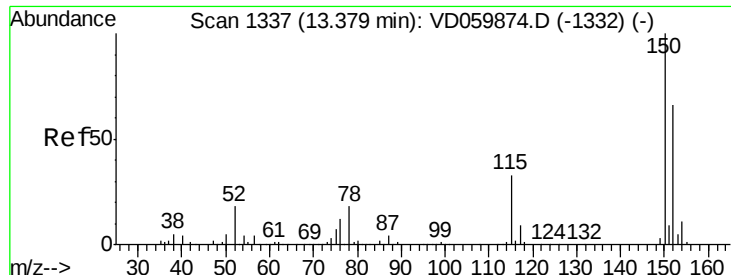
Tot Ion: 95 Resp: 500239
Ion Ratio Lower Upper
95 100
174 100.5 0.0 195.6
176 97.0 0.0 191.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.03 min
Lab File: VD059941.D
Acq: 31 Aug 2018 17:46

Tgt Ion: 117 Resp: 1219286
Ion Ratio Lower Upper
117 100
82 56.8 40.1 60.1
119 32.1 26.7 40.1

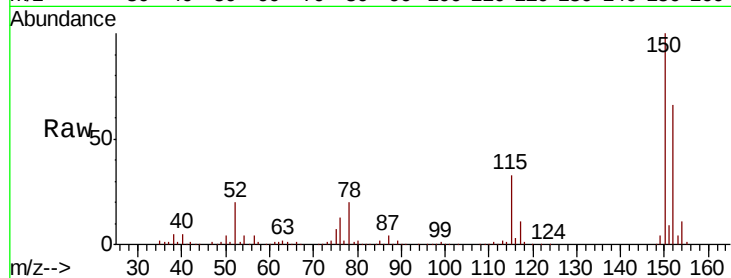




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.36 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: VD059941.D
 Acq: 31 Aug 2018 17:46

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-02-008-ABCD

Tot Ion	Ratio	Lower	Upper
152	100		
115	50.2	25.7	77.0
150	152.6	0.0	310.2



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

