

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059967.D
 Acq On : 5 Sep 2018 14:13
 Operator : JC/SY
 Sample : J4739-04
 Misc : 7.66g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC2-02-D

Quant Time: Sep 05 15:33:10 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

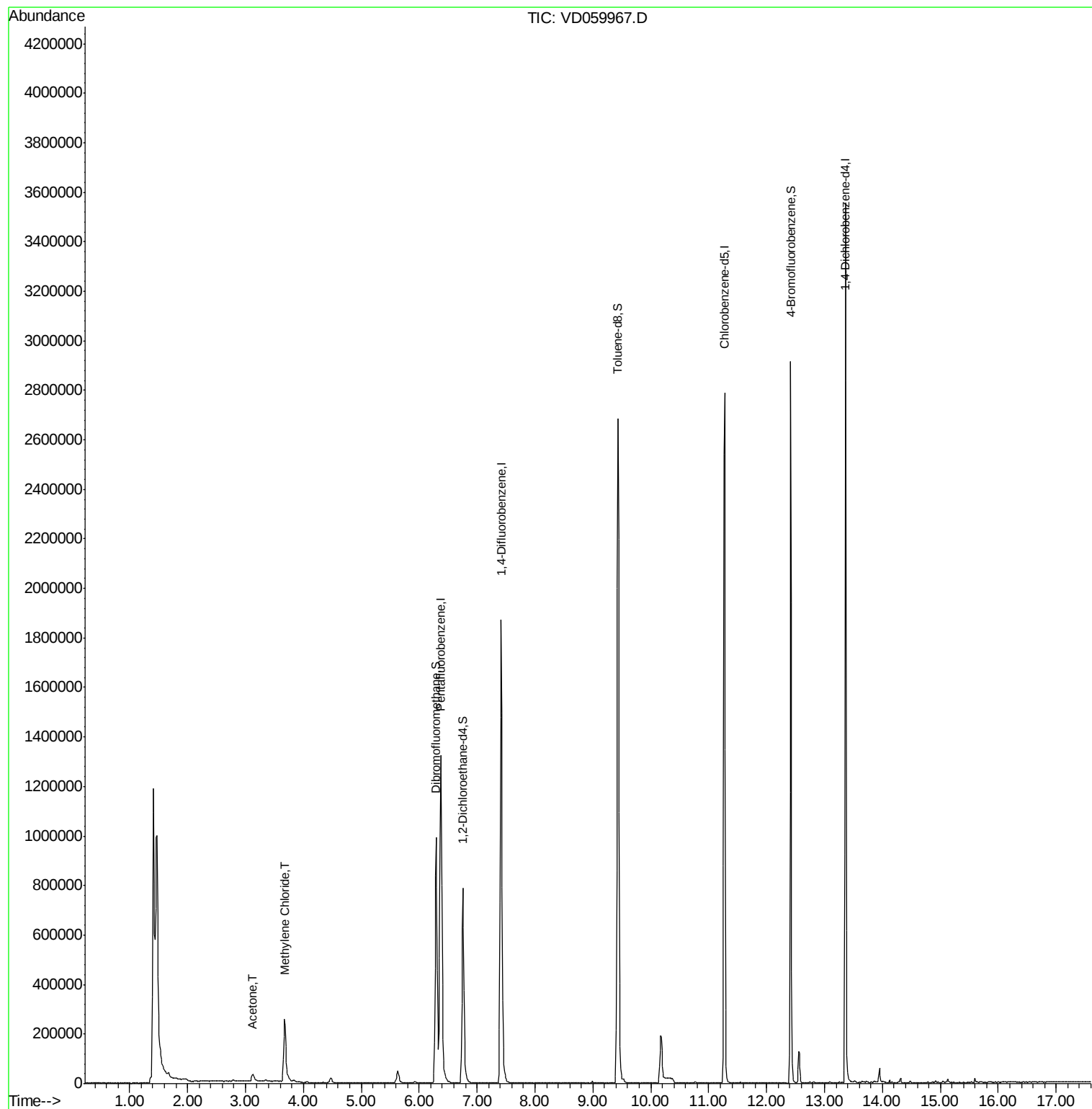
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1291241	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1869593	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1586377	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	833405	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	629354	57.83	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	115.66%	
35) Dibromofluoromethane	6.29	113	752460	51.34	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	9.43	98	2102888	51.69	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.41	95	795519	48.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.30%	
Target Compounds						
16) Acetone	3.12	43	63047	31.80	ug/l	# 89
20) Methylene Chloride	3.68	84	144727	7.79	ug/l	98

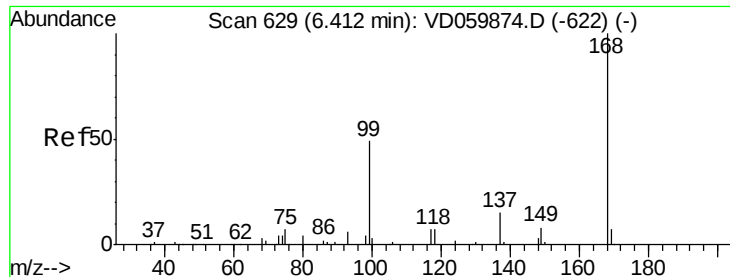
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.37 min Scan# 625

Delta R.T. -0.04 min

Lab File: VD059967.D

Acq: 5 Sep 2018 14:13

Instrument :

MSVOA_D

ClientSampleID :

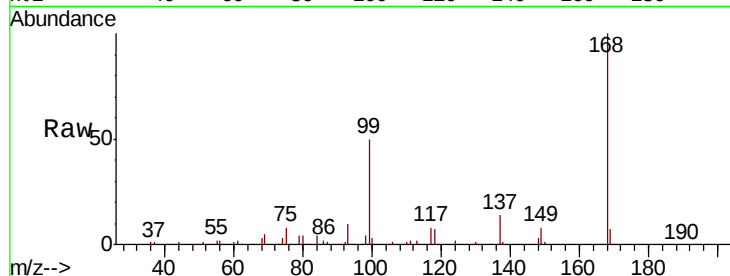
AOC2-02-D

Tot Ion:168 Resp: 1291241

Ion Ratio Lower Upper

168 100

99 50.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.37

500000

400000

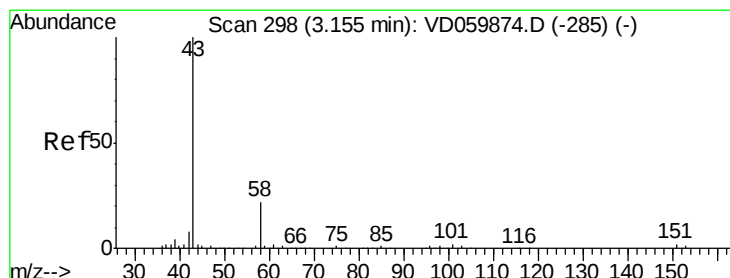
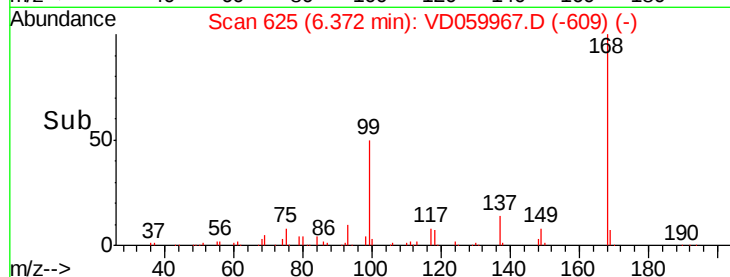
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 31.80 ug/l

RT: 3.12 min Scan# 295

Delta R.T. -0.03 min

Lab File: VD059967.D

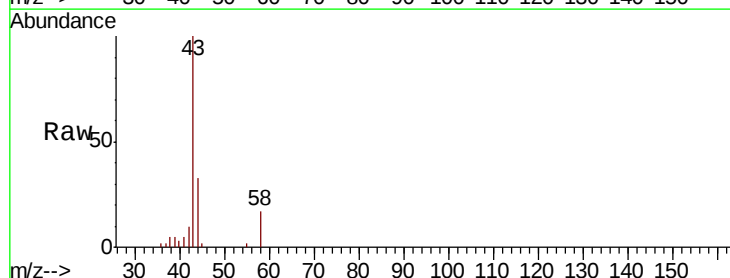
Acq: 5 Sep 2018 14:13

Tgt Ion: 43 Resp: 63047

Ion Ratio Lower Upper

43 100

58 16.9 17.6 26.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.12

20000

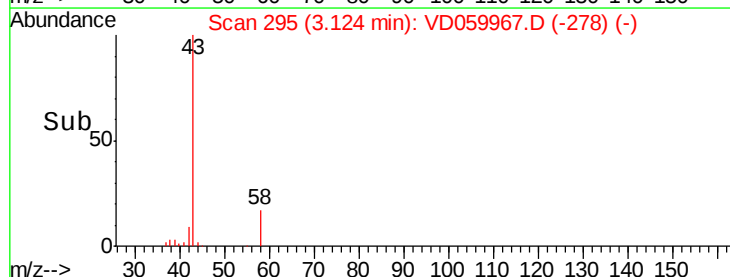
15000

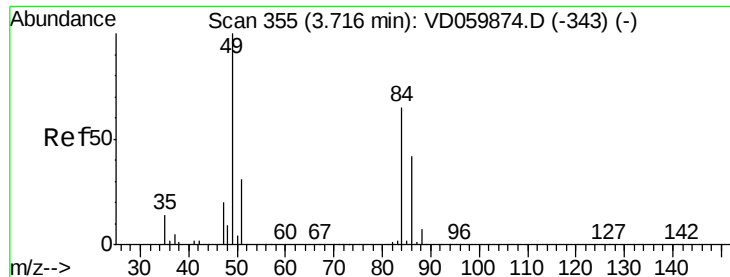
10000

5000

0

Time-->

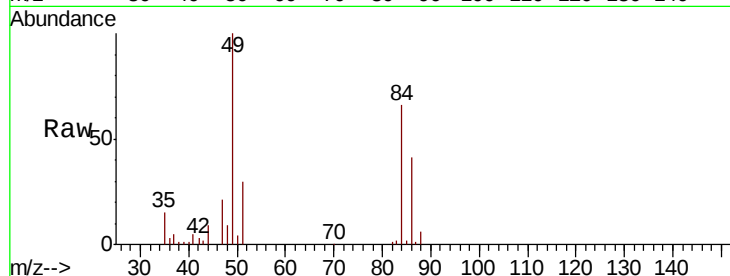




#20
Methvlene Chloride
Concen: 7.79 ug/l
RT: 3.68 min Scan# 351
Delta R.T. -0.04 min
Lab File: VD059967.D
Acq: 5 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :
AOC2-02-D

Tot Ion	84	Resp	144727
Ion	Ratio	Lower	Upper
84	100		
49	151.7	122.6	183.8
51	46.1	38.4	57.6
86	61.6	51.5	77.3



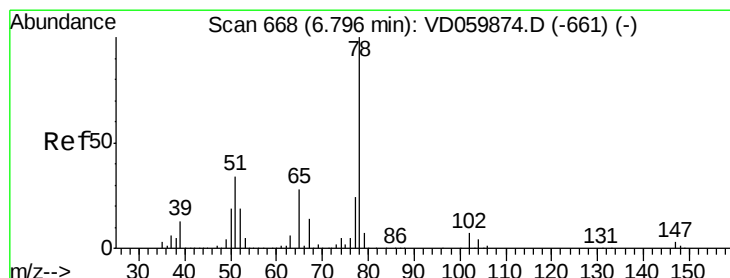
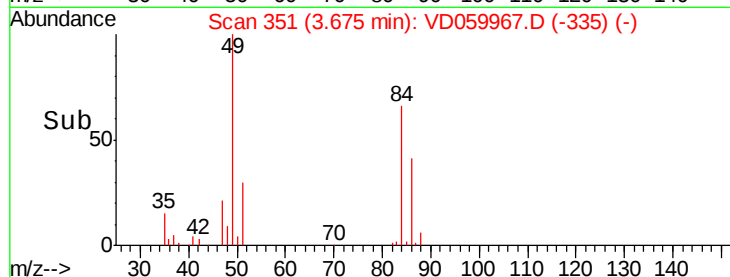
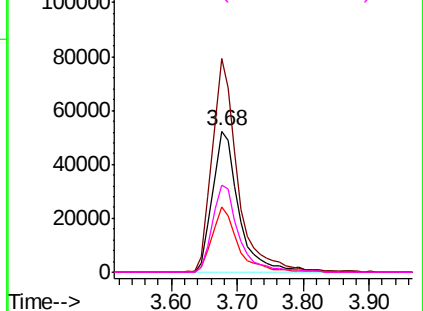
Abundance

Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

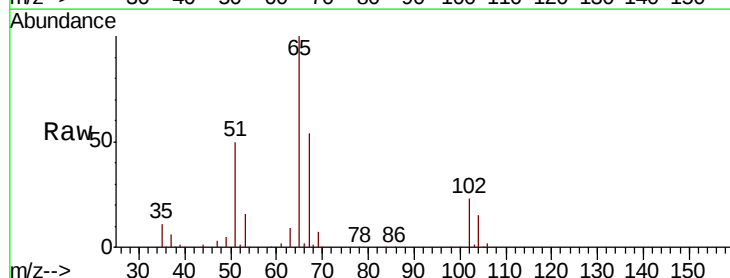
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.04 min
Lab File: VD059967.D
Acq: 5 Sep 2018 14:13

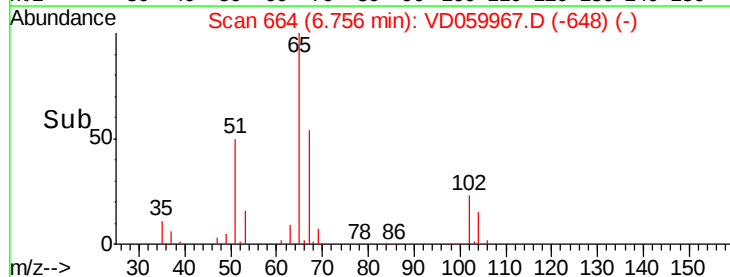
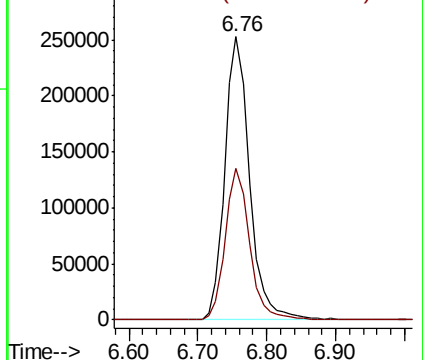
Tgt Ion	65	Resp	629354
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	103.8

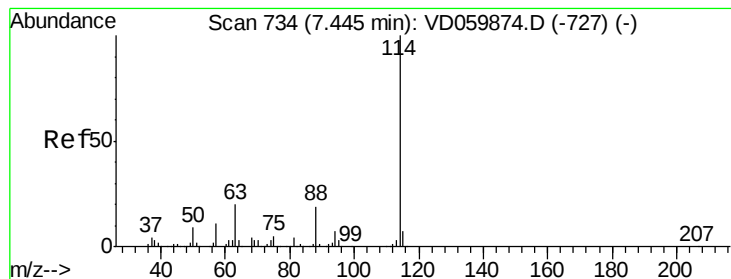


Abundance

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: VD059967.D

Acq: 5 Sep 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

AOC2-02-D

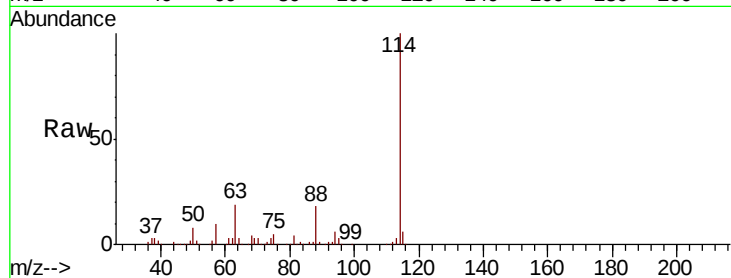
Tot Ion:114 Resp: 1869593

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

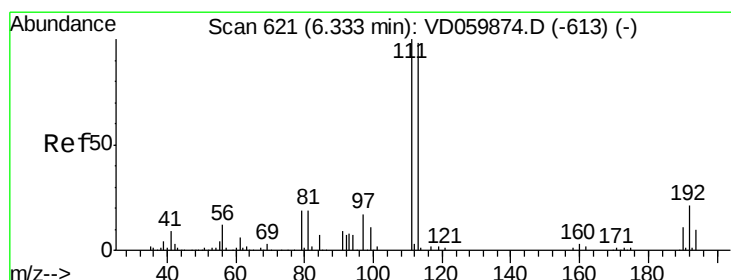
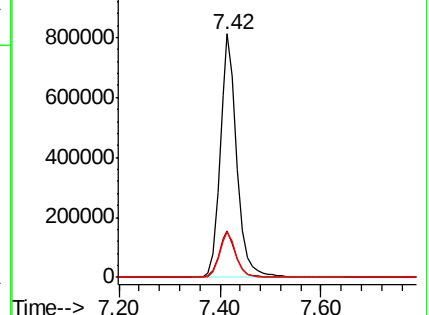
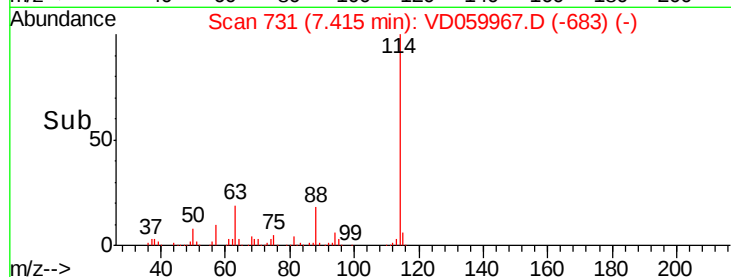
88 18.5 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.29 min Scan# 617

Delta R.T. -0.04 min

Lab File: VD059967.D

Acq: 5 Sep 2018 14:13

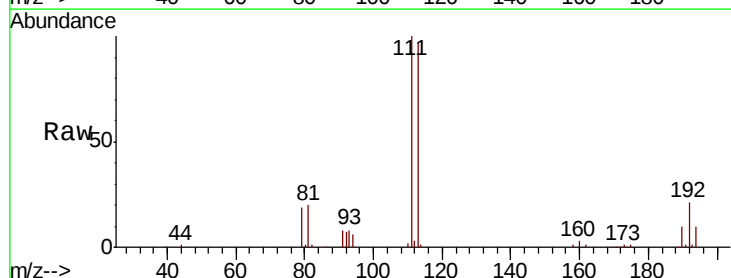
Tgt Ion:113 Resp: 752460

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.2

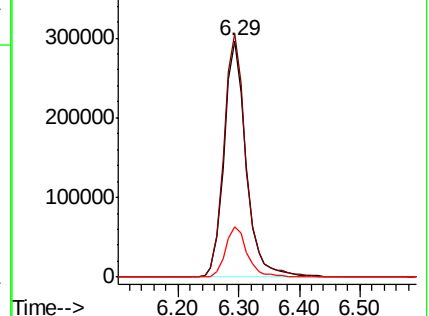
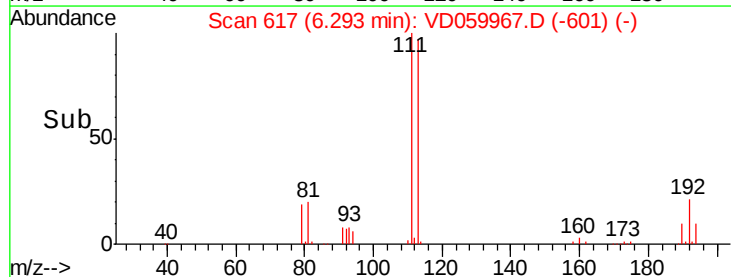
192 21.3 17.0 25.6

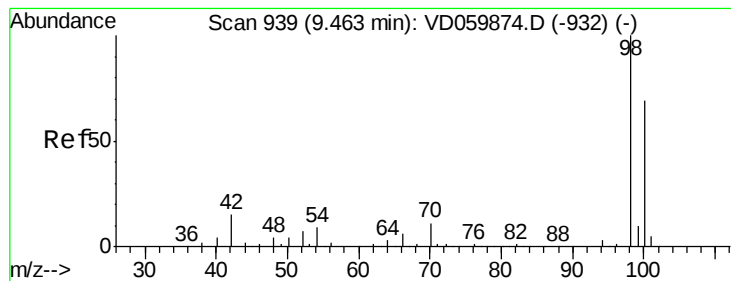


Abundance Ion 112.90 (112.60 to 113.60): V

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: 9.43 min Scan# 936

Delta R.T. -0.03 min

Lab File: VD059967.D

Acq: 5 Sep 2018 14:13

Instrument :

MSVOA_D

ClientSampled :

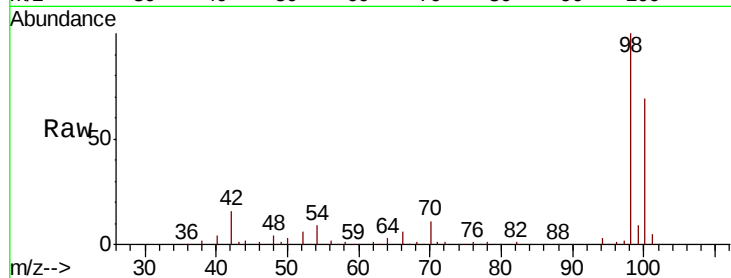
AOC2-02-D

Tot Ion: 98 Resp: 2102888

Ion Ratio Lower Upper

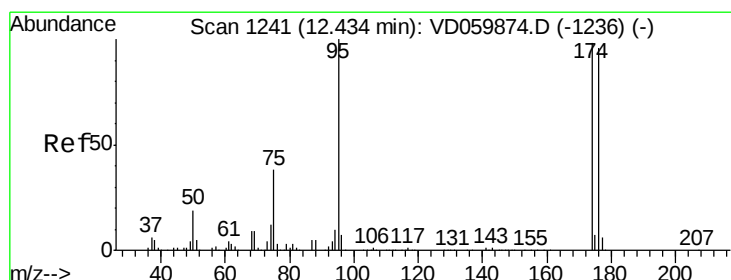
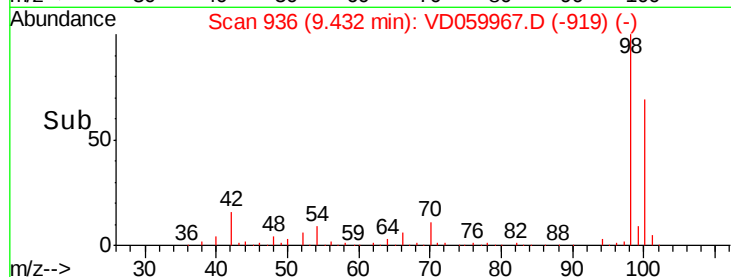
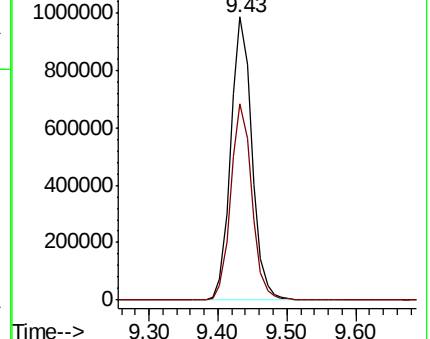
98 100

100 69.4 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059967.D

Acq: 5 Sep 2018 14:13

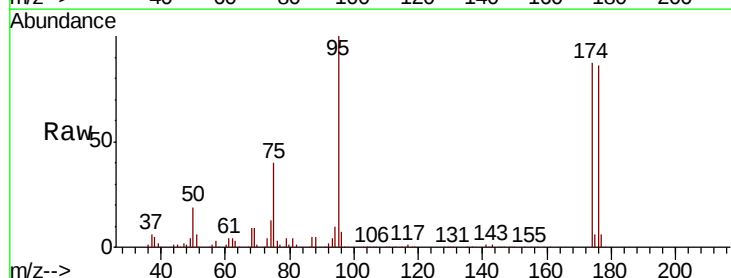
Tgt Ion: 95 Resp: 795519

Ion Ratio Lower Upper

95 100

174 87.1 0.0 195.6

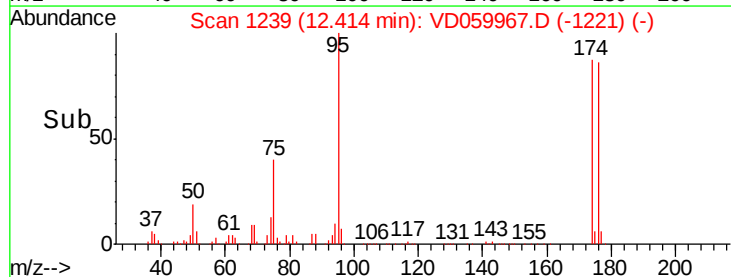
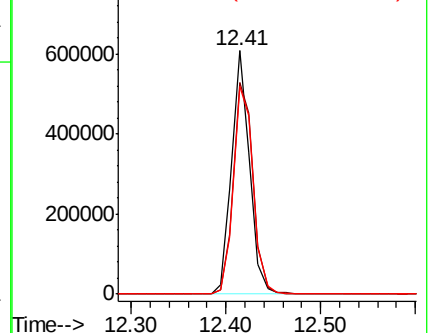
176 85.5 0.0 191.2

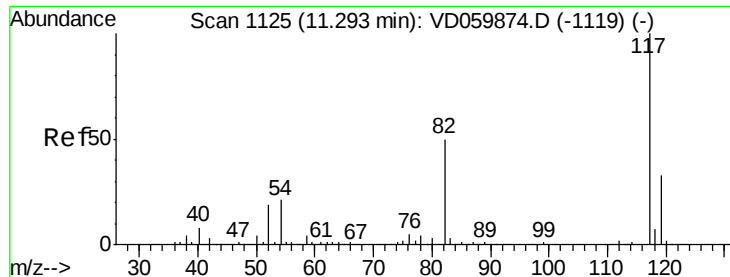


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

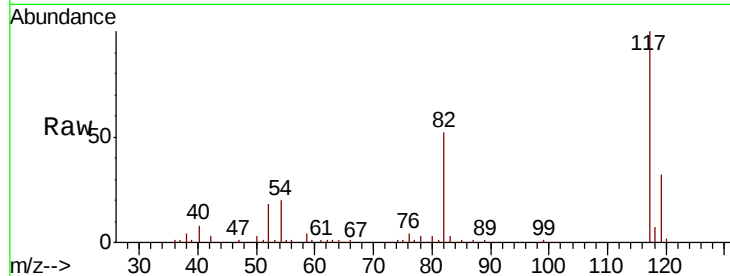




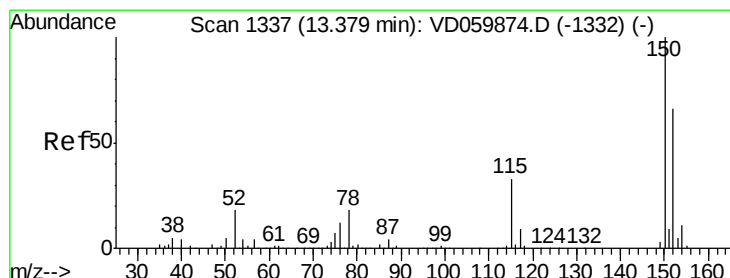
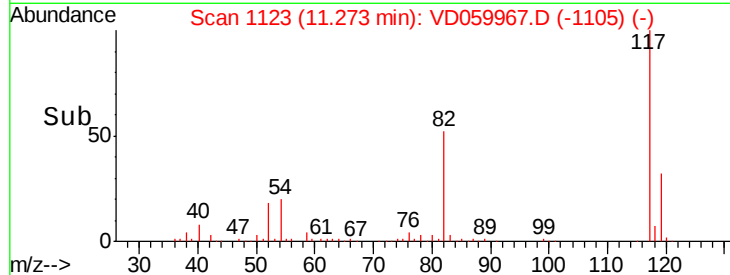
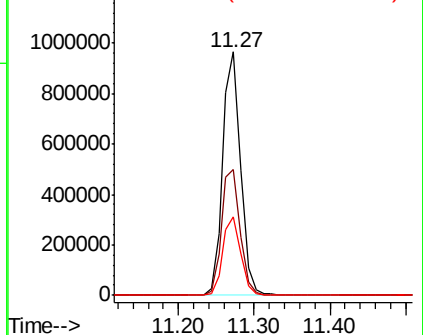
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1123
Delta R.T. -0.02 min
Lab File: VD059967.D
Acq: 5 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :
AOC2-02-D

Tot Ion:117 Resp: 1586377
Ion Ratio Lower Upper
117 100
82 51.9 40.1 60.1
119 32.3 26.7 40.1

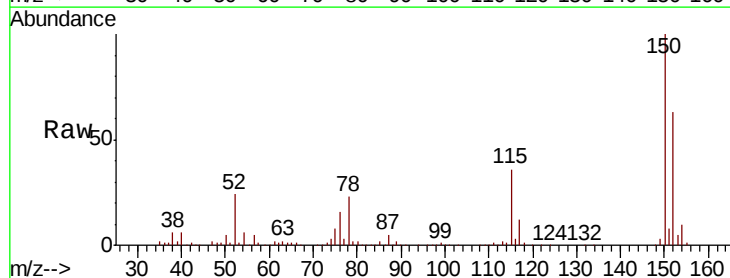


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VD059967.D
Acq: 5 Sep 2018 14:13

Tgt Ion:152 Resp: 833405
Ion Ratio Lower Upper
152 100
115 57.3 25.7 77.0
150 158.4 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

