

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059964.D
 Acq On : 5 Sep 2018 12:48
 Operator : JC/SY
 Sample : J4739-01
 Misc : 6.46g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC2-02-A

Quant Time: Sep 05 15:11:47 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

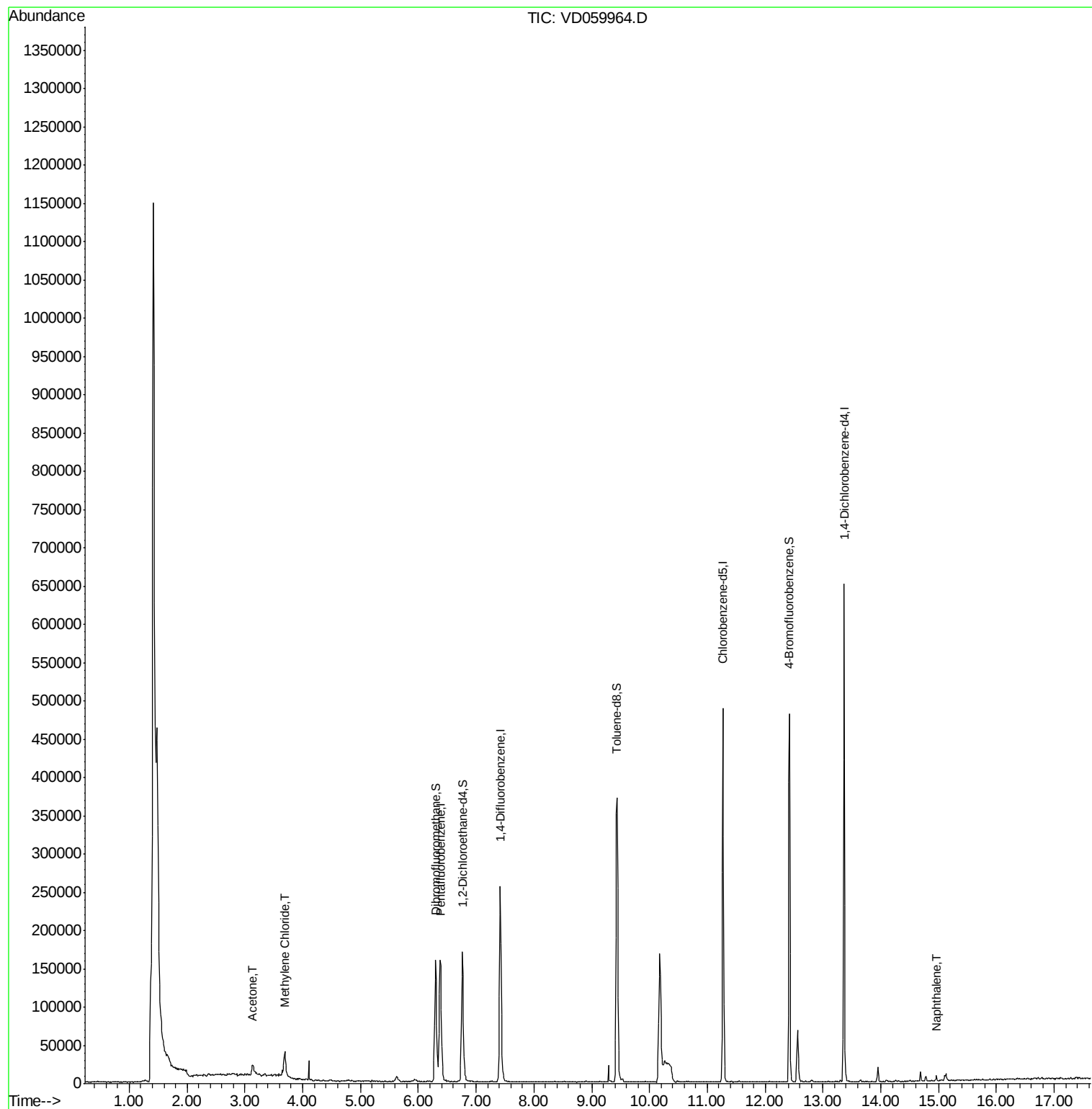
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	155088	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	248709	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	245482	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	142357	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	140349	107.37	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	214.74%	
35) Dibromofluoromethane	6.30	113	120815	61.96	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	123.92%	
50) Toluene-d8	9.44	98	306035	56.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	113.10%	
62) 4-Bromofluorobenzene	12.42	95	139710	63.56	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	127.12%	
Target Compounds						
16) Acetone	3.14	43	26874	112.85	ug/l	Qvalue 95
20) Methylene Chloride	3.69	84	18066	8.26	ug/l	92
95) Naphthalene	14.96	128	5255	1.05	ug/l #	95

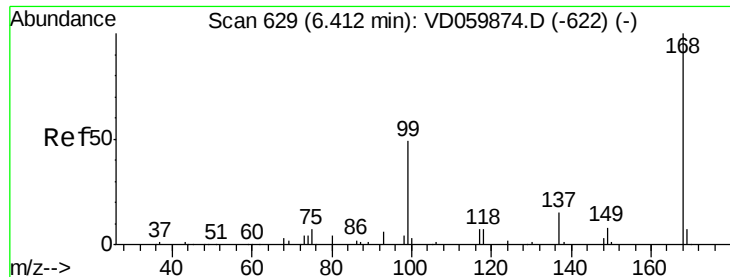
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.03 min

Lab File: VD059964.D

Acq: 5 Sep 2018 12:48

Instrument :

MSVOA_D

ClientSampleId :

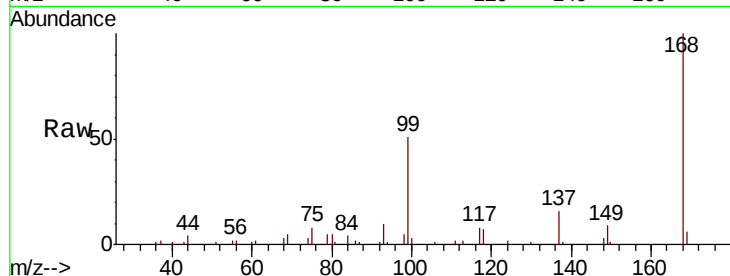
AOC2-02-A

Tot Ion:168 Resp: 155088

Ion Ratio Lower Upper

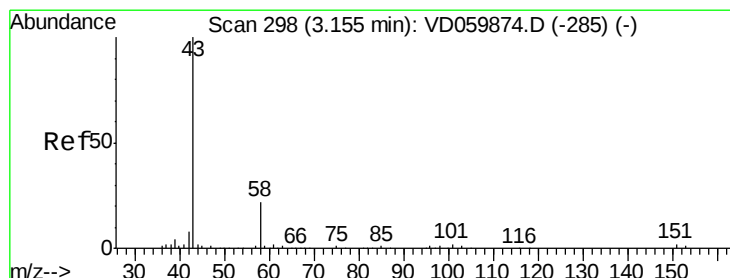
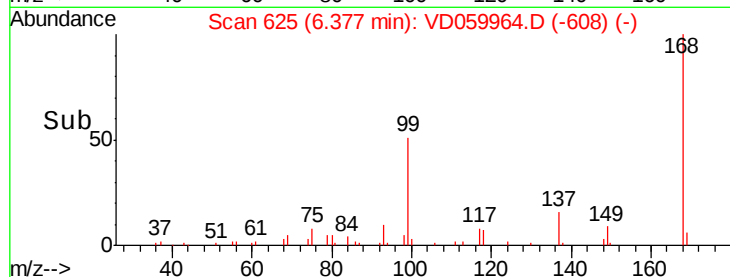
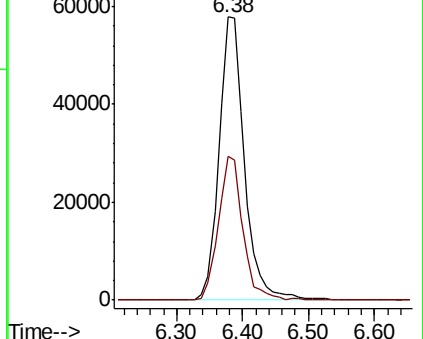
168 100

99 50.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 112.85 ug/l

RT: 3.14 min Scan# 296

Delta R.T. -0.01 min

Lab File: VD059964.D

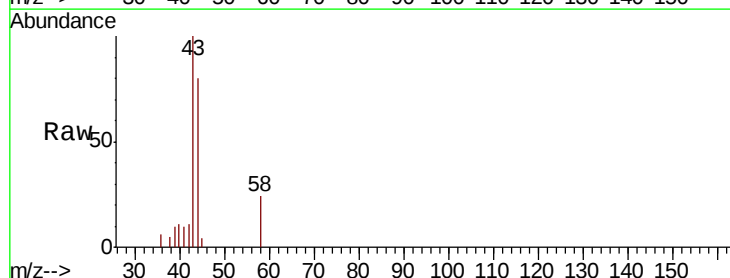
Acq: 5 Sep 2018 12:48

Tgt Ion: 43 Resp: 26874

Ion Ratio Lower Upper

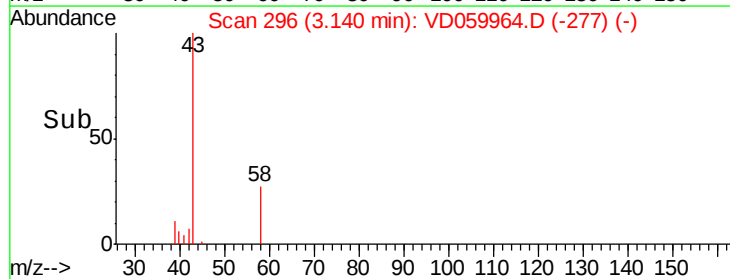
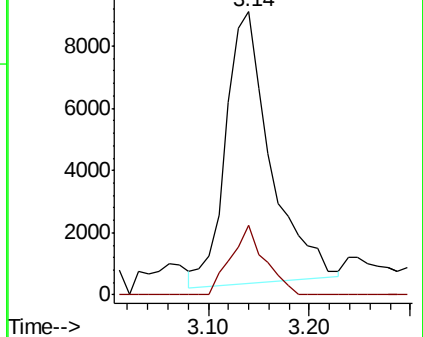
43 100

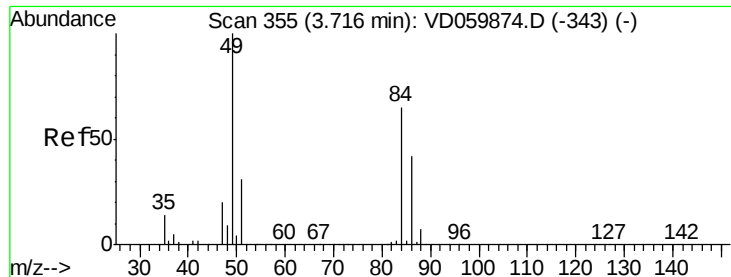
58 24.5 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

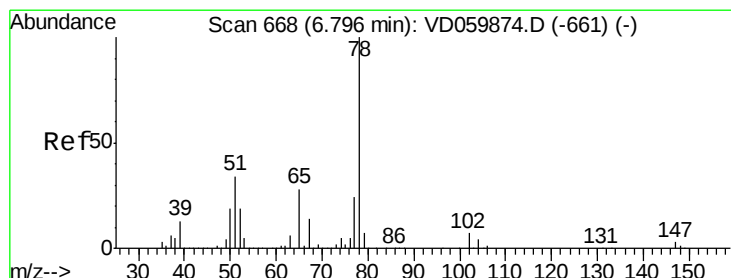
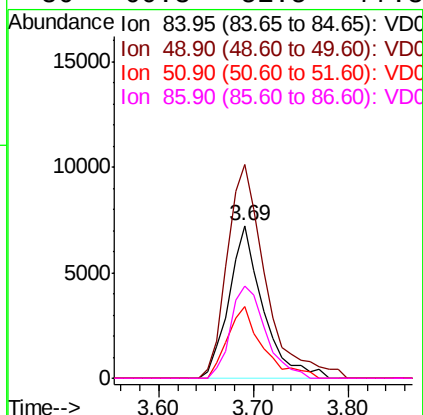
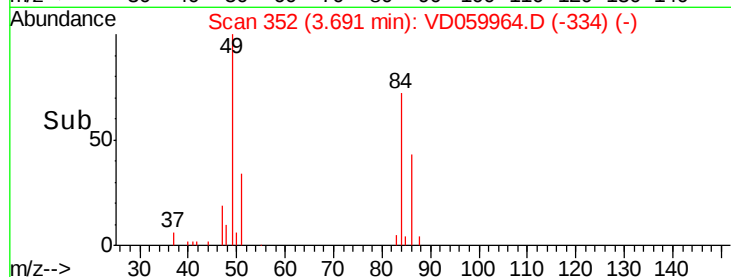
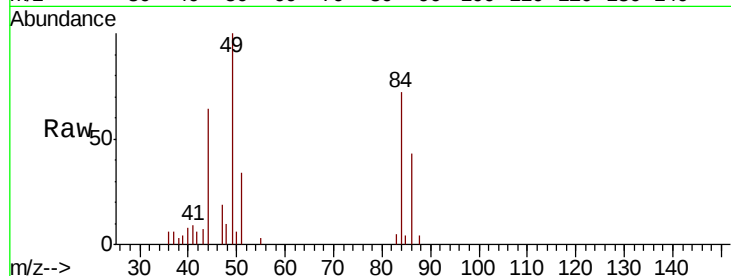




#20
Methylene Chloride
Concen: 8.26 ug/l
RT: 3.69 min Scan# 352
Delta R.T. -0.02 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

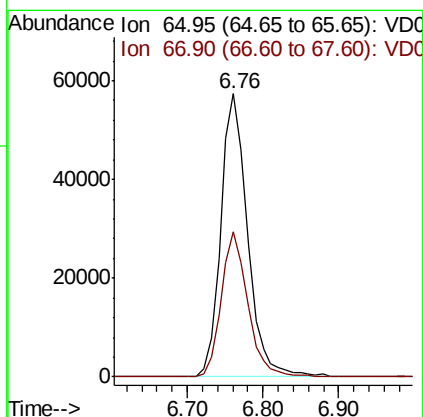
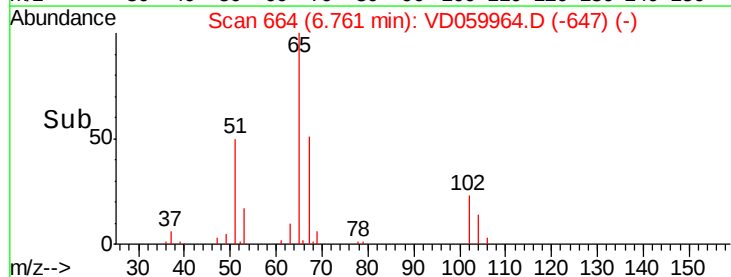
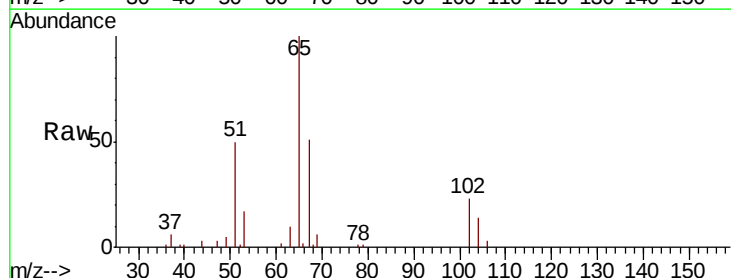
Instrument :
MSVOA_D
ClientSampleId :
AOC2-02-A

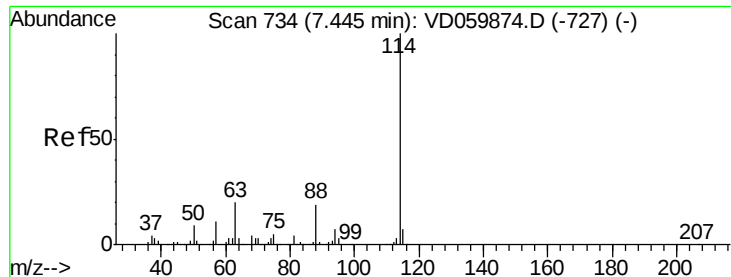
Tot Ion: 84 Resp: 18066
Ion Ratio Lower Upper
84 100
49 139.7 122.6 183.8
51 47.0 38.4 57.6
86 60.3 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.03 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion: 65 Resp: 140349
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 731

Delta R.T. -0.02 min

Lab File: VD059964.D

Acq: 5 Sep 2018 12:48

Instrument :

MSVOA_D

ClientSampleId :

AOC2-02-A

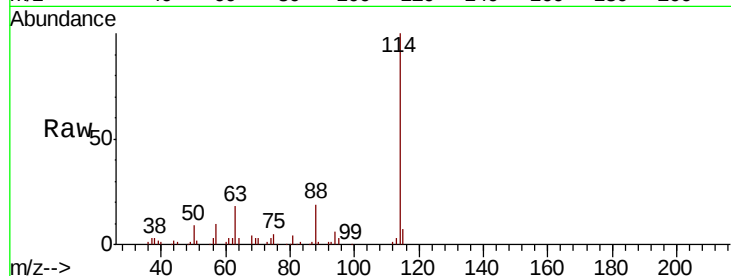
Tot Ion:114 Resp: 248709

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.4

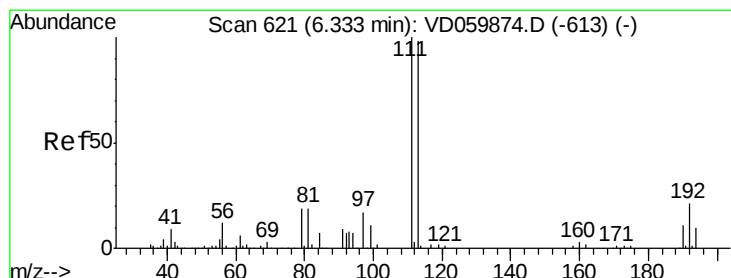
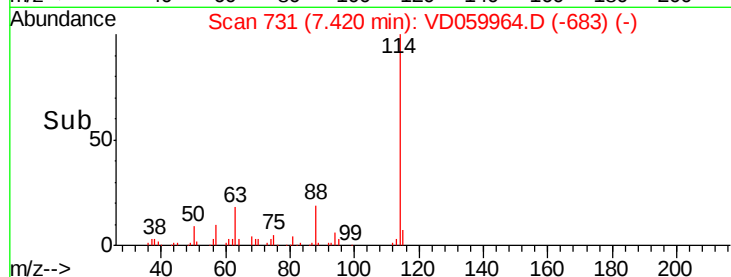
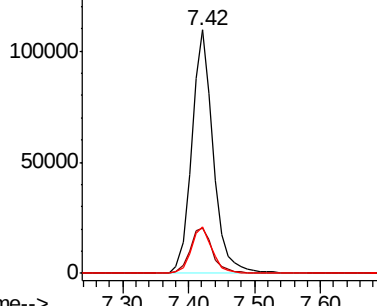
88 19.0 0.0 37.6



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: 6.30 min Scan# 617

Delta R.T. -0.03 min

Lab File: VD059964.D

Acq: 5 Sep 2018 12:48

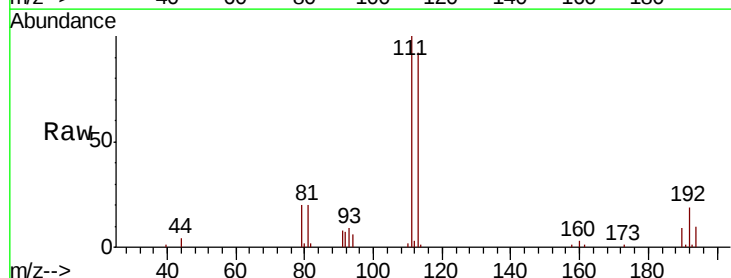
Tgt Ion:113 Resp: 120815

Ion Ratio Lower Upper

113 100

111 108.2 81.4 122.2

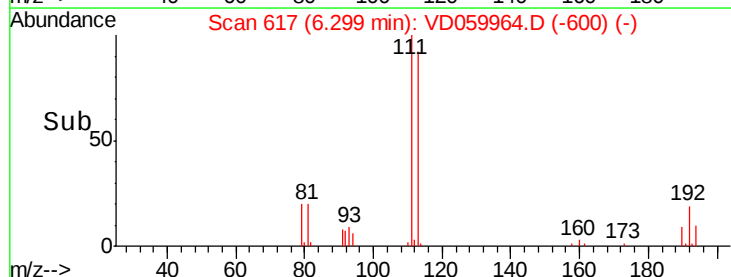
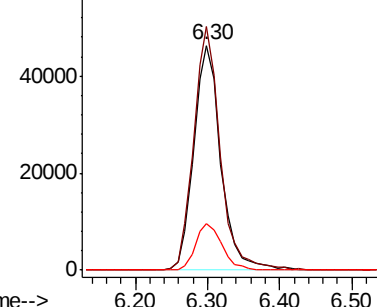
192 20.6 17.0 25.6

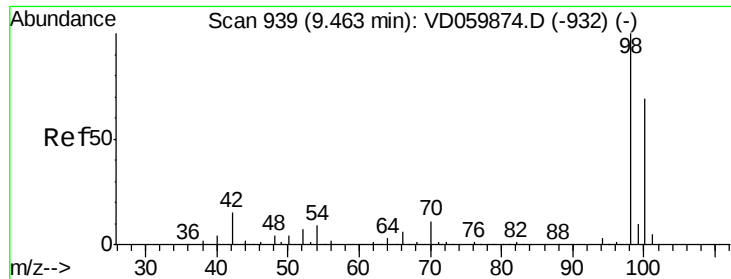


Abundance Ion 112.90 (112.60 to 113.60): V

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. -0.02 min

Lab File: VD059964.D

Acq: 5 Sep 2018 12:48

Instrument :

MSVOA_D

ClientSampleId :

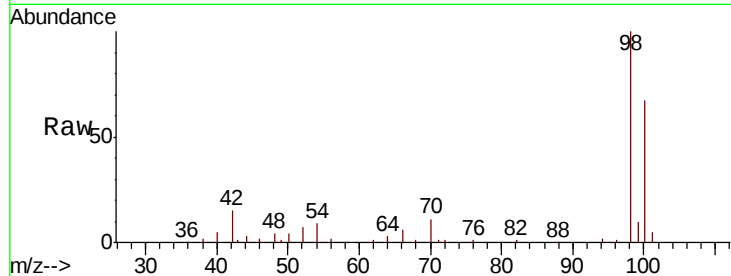
AOC2-02-A

Tot Ion: 98 Resp: 306035

Ion Ratio Lower Upper

98 100

100 66.5 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD

150000

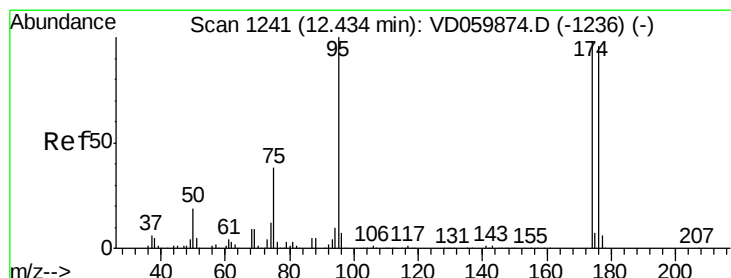
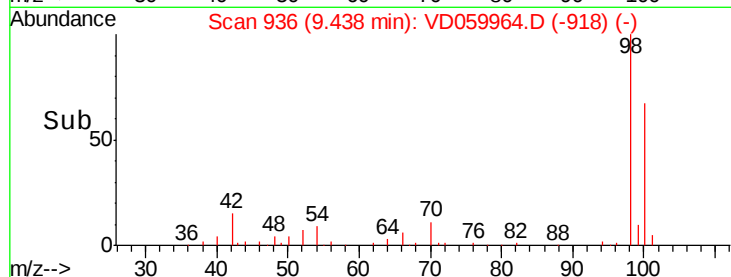
100000

50000

0

9.30 9.40 9.50 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VD059964.D

Acq: 5 Sep 2018 12:48

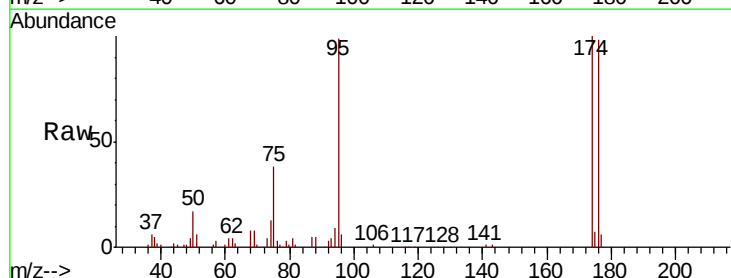
Tgt Ion: 95 Resp: 139710

Ion Ratio Lower Upper

95 100

174 101.2 0.0 195.6

176 98.8 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

120000

100000

80000

60000

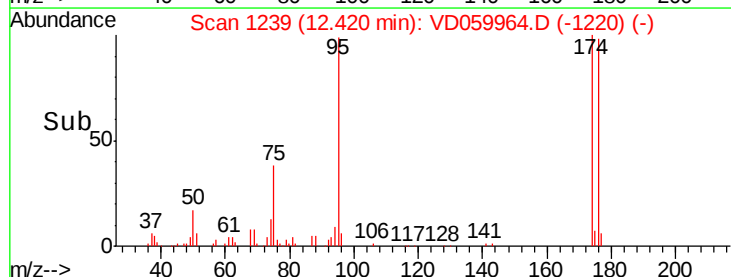
40000

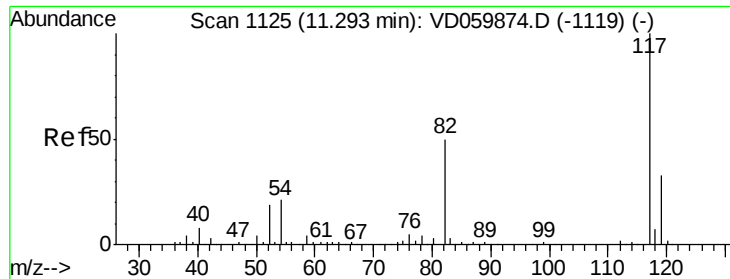
20000

0

12.40 12.50

Time-->

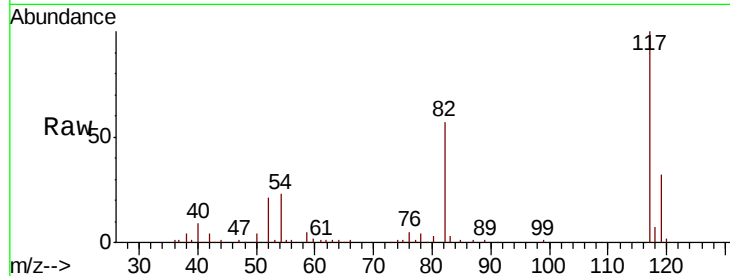




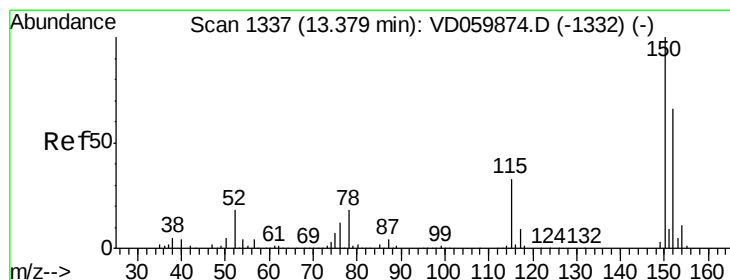
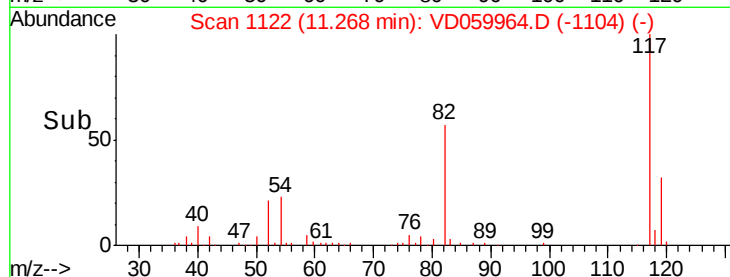
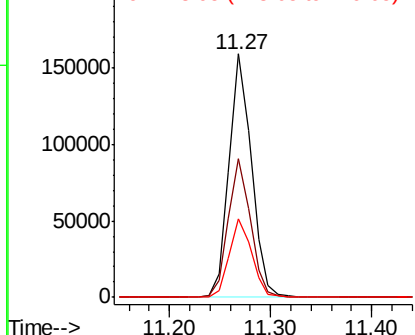
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument :
MSVOA_D
ClientSampleId :
AOC2-02-A

Tot Ion:117 Resp: 245482
Ion Ratio Lower Upper
117 100
82 57.0 40.1 60.1
119 32.4 26.7 40.1

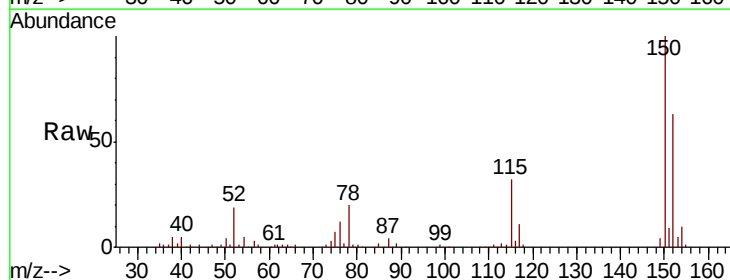


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

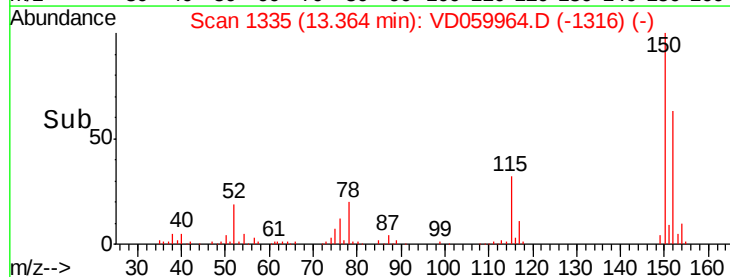
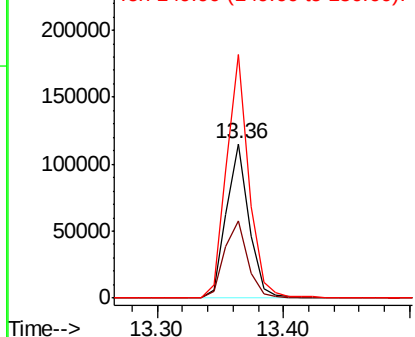


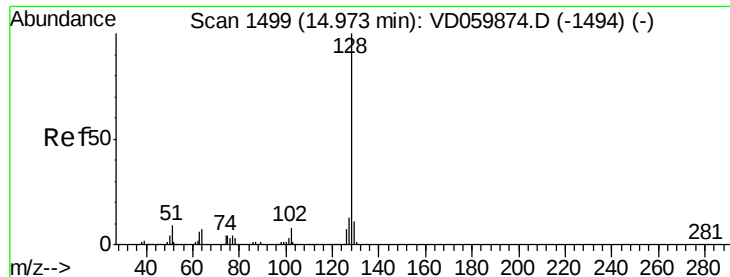
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion:152 Resp: 142357
Ion Ratio Lower Upper
152 100
115 50.1 25.7 77.0
150 157.9 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





#95

Naphthalene

Concen: 1.05 ug/l

RT: 14.96 min Scan# 1497

Delta R.T. -0.01 min

Lab File: VD059964.D

Acq: 5 Sep 2018 12:48

Instrument :

MSVOA_D

ClientSampleId :

AOC2-02-A

Tot Ion:128 Resp: 5255

Ion Ratio Lower Upper

128 100

127 9.7 10.0 15.0#

129 9.6 8.6 13.0

