

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000983.D
 Acq On : 25 Jan 2018 06:34
 Operator : JC/SY
 Sample : J1289-17
 Misc : 5.05G/5.0ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-54-13.5-14.0

Quant Time: Jan 25 07:02:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

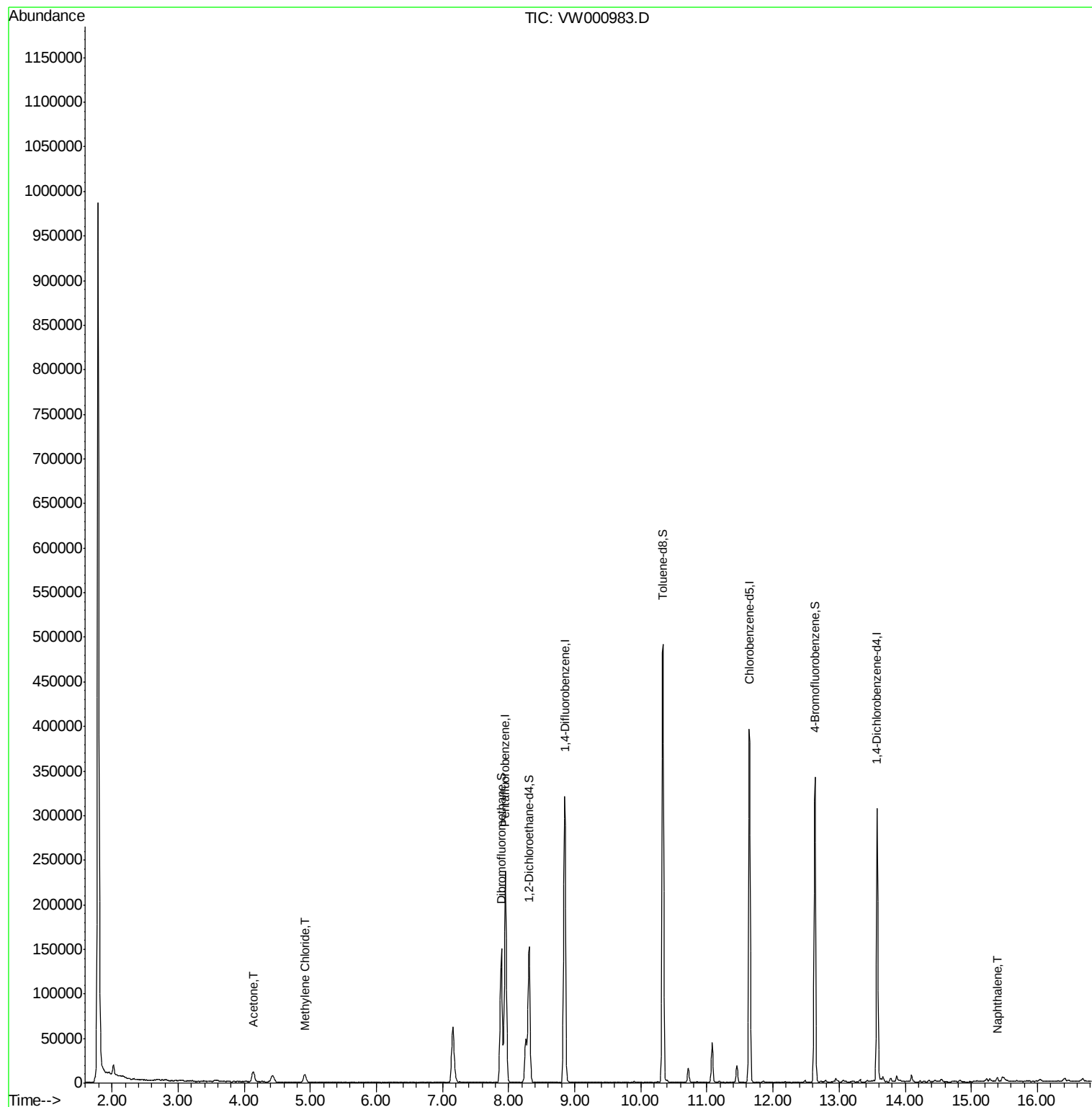
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	277423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	231190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	85119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121131	70.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.62%	
35) Dibromofluoromethane	7.88	113	106851	62.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.74%	
50) Toluene-d8	10.34	98	340200	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.63	95	100680	41.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.52%	
Target Compounds						
16) Acetone	4.14	43	19658	42.17	ug/l	91
20) Methylene Chloride	4.92	84	6631	1.36	ug/l	90
95) Naphthalene	15.40	128	4318	1.10	ug/l #	95

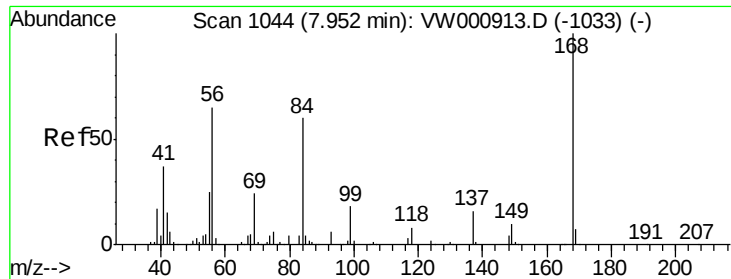
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

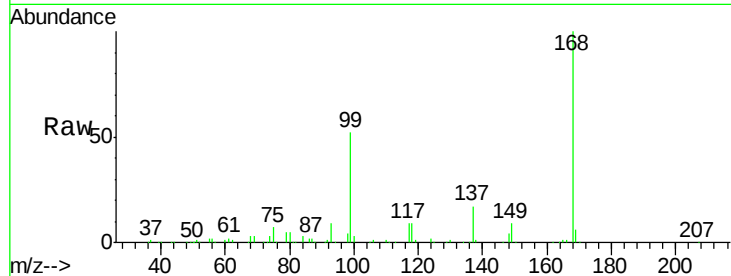
SB-54-13.5-14.0

Tot Ion:168 Resp: 179737

Ion Ratio Lower Upper

168 100

99 52.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

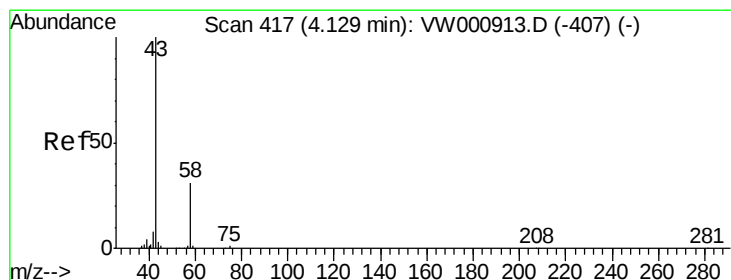
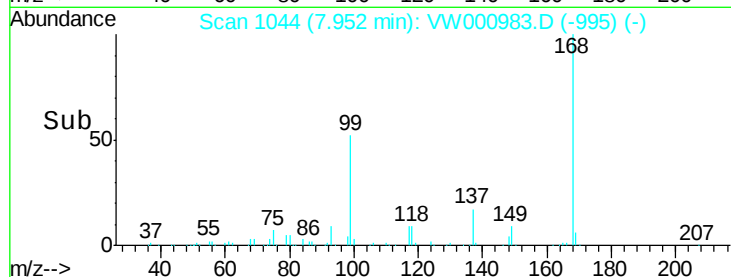
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 42.17 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW000983.D

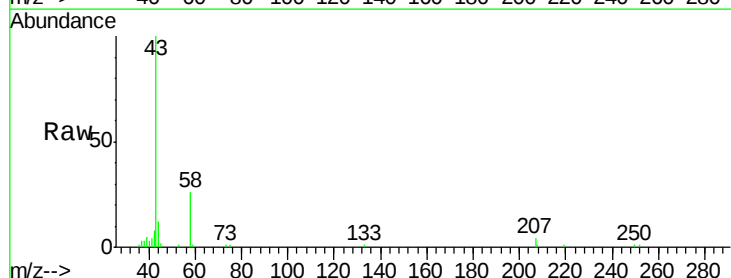
Acq: 25 Jan 2018 06:34

Tgt Ion: 43 Resp: 19658

Ion Ratio Lower Upper

43 100

58 26.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

6000

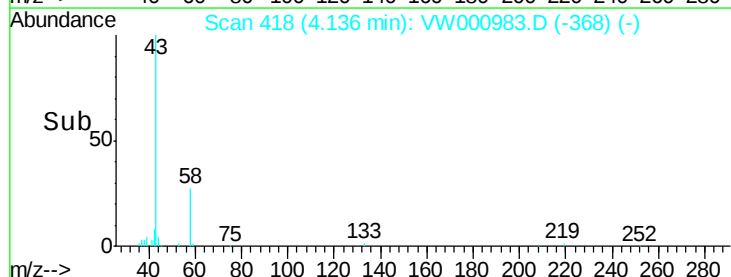
4000

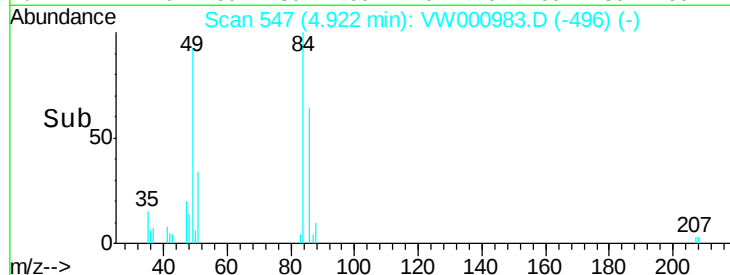
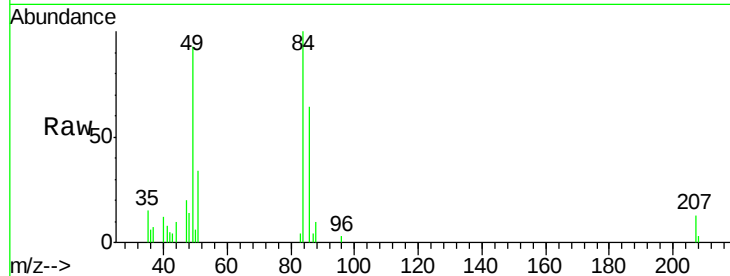
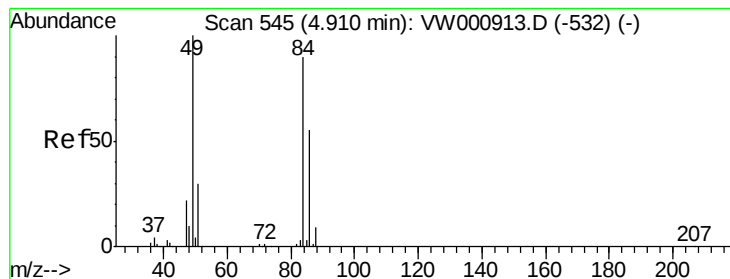
2000

0

4.05 4.10 4.15 4.20 4.25

Time-->





#20

Methylene Chloride

Concen: 1.36 ug/l

RT: 4.92 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW000983.D

Acq: 25 Jan 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

SB-54-13.5-14.0

Tot Ion: 84 Resp: 6631

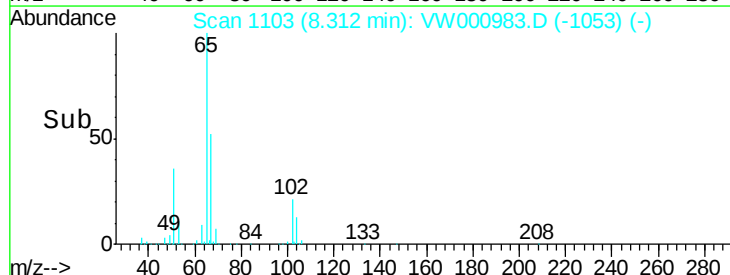
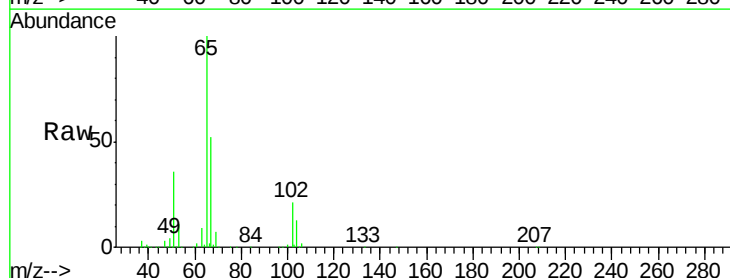
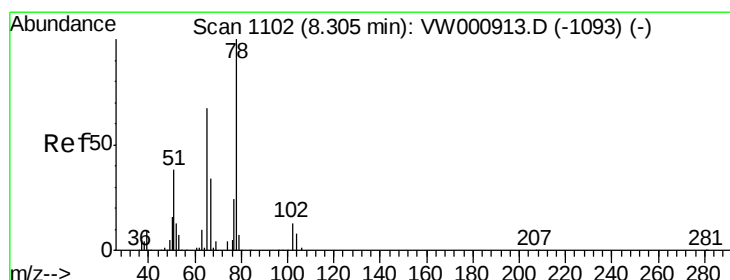
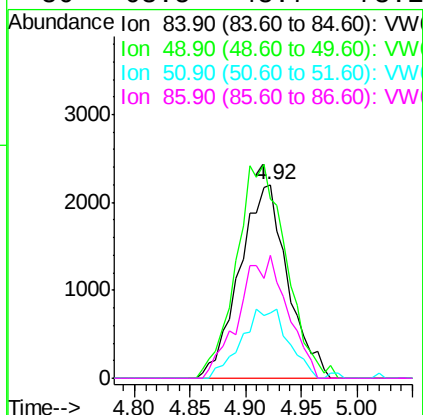
Ion Ratio Lower Upper

84 100

49 92.9 89.0 133.4

51 33.7 26.7 40.1

86 63.5 48.7 73.1



#33

1,2-Dichloroethane-d4

Concen: 70.31 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW000983.D

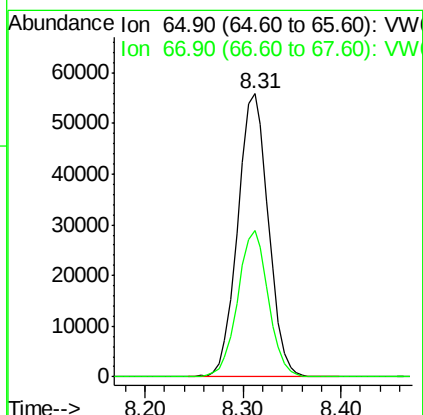
Acq: 25 Jan 2018 06:34

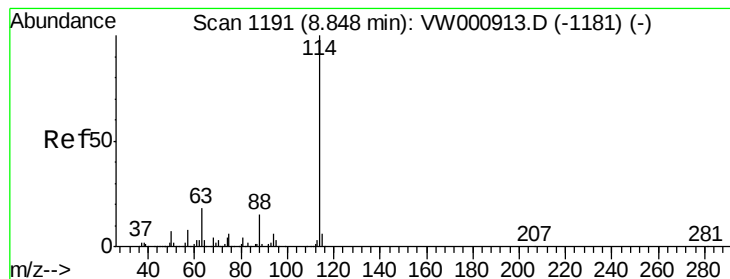
Tgt Ion: 65 Resp: 121131

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW000983.D

Acq: 25 Jan 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

SB-54-13.5-14.0

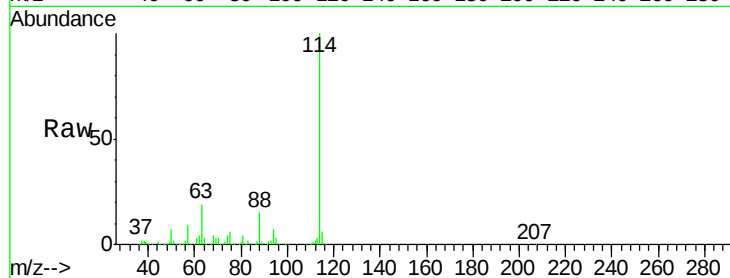
Tot Ion:114 Resp: 277423

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

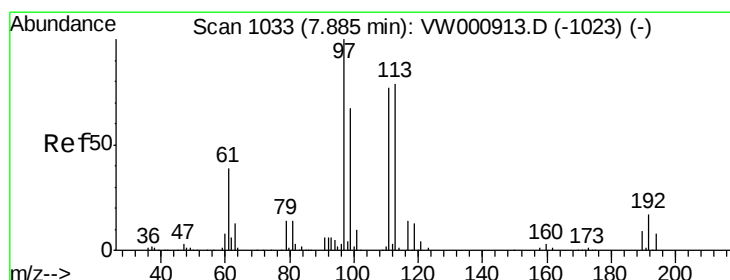
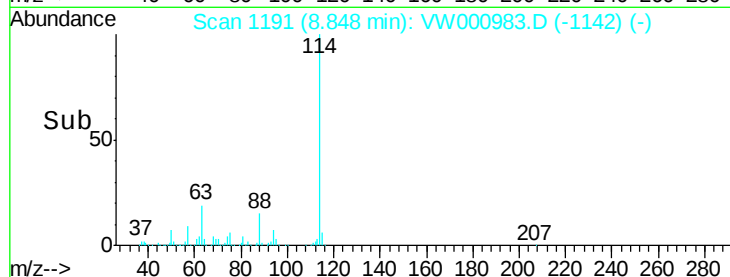
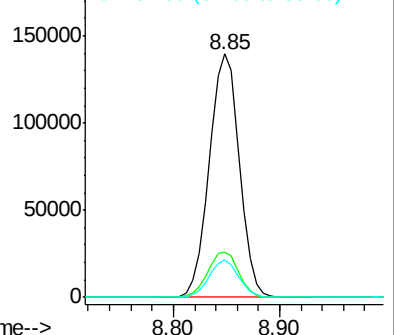
88 15.2 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 62.87 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW000983.D

Acq: 25 Jan 2018 06:34

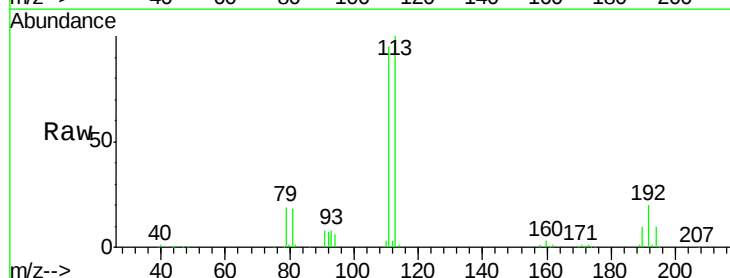
Tgt Ion:113 Resp: 106851

Ion Ratio Lower Upper

113 100

111 101.1 80.4 120.6

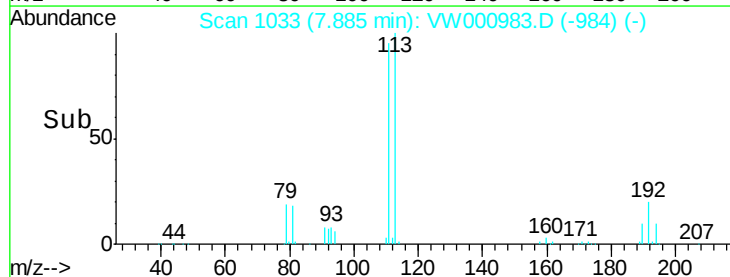
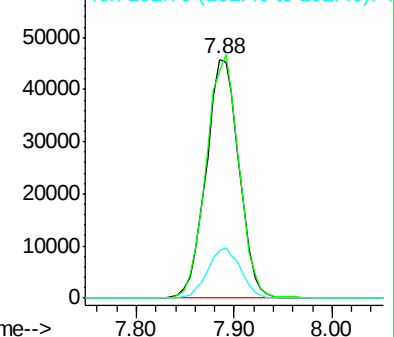
192 21.1 17.0 25.4

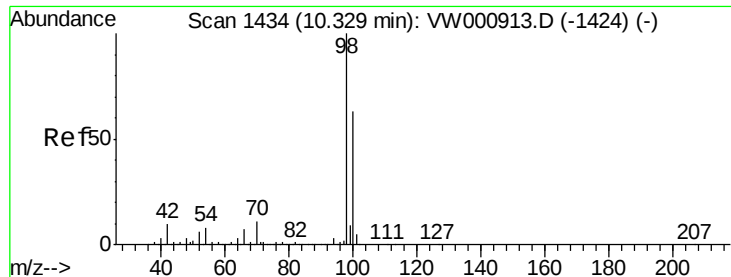


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.78 ug/l

RT: 10.34 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW000983.D

Acq: 25 Jan 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

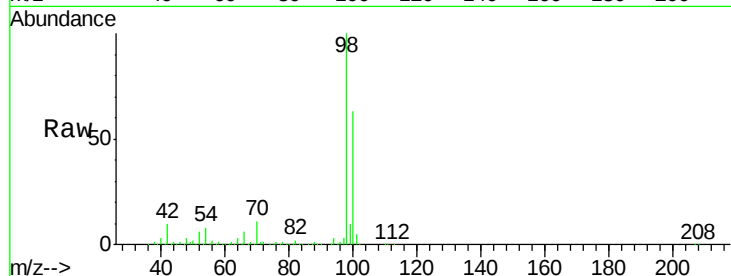
SB-54-13.5-14.0

Tot Ion: 98 Resp: 340200

Ion Ratio Lower Upper

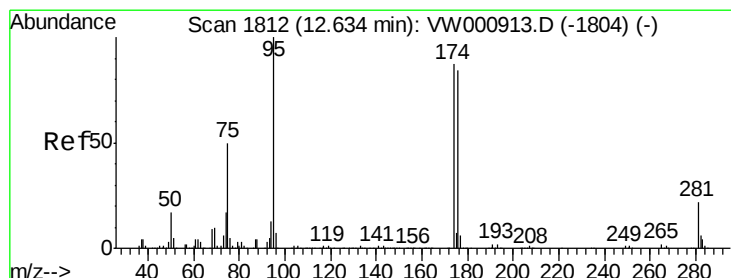
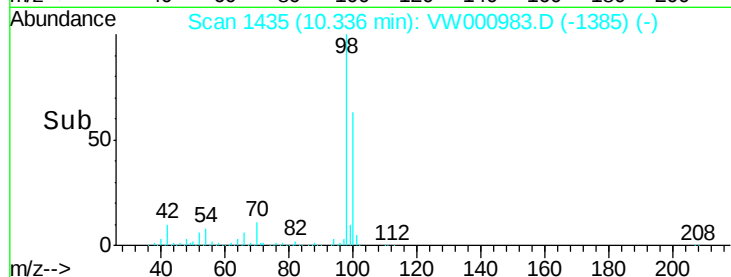
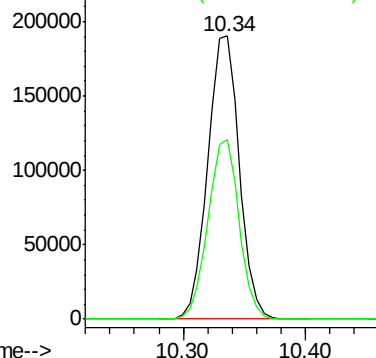
98 100

100 62.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.26 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW000983.D

Acq: 25 Jan 2018 06:34

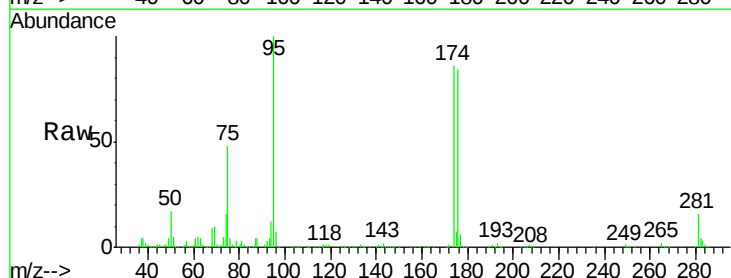
Tgt Ion: 95 Resp: 100680

Ion Ratio Lower Upper

95 100

174 88.4 0.0 176.8

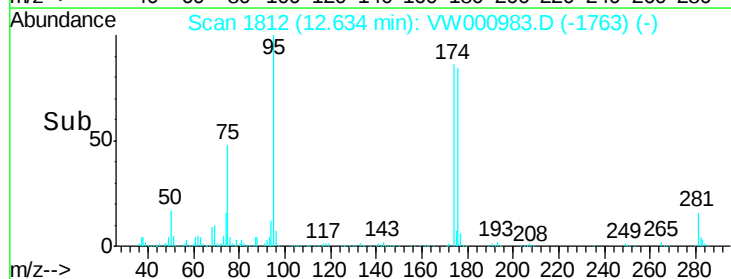
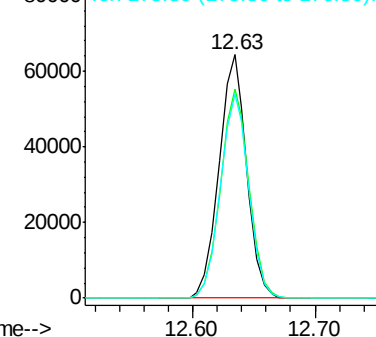
176 86.0 0.0 171.8

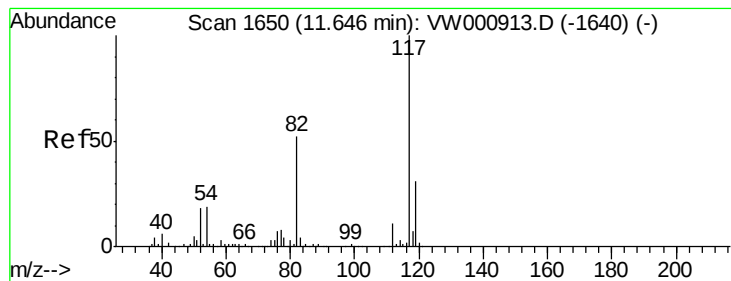


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.01 min

Lab File: VW000983.D

Acq: 25 Jan 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

SB-54-13.5-14.0

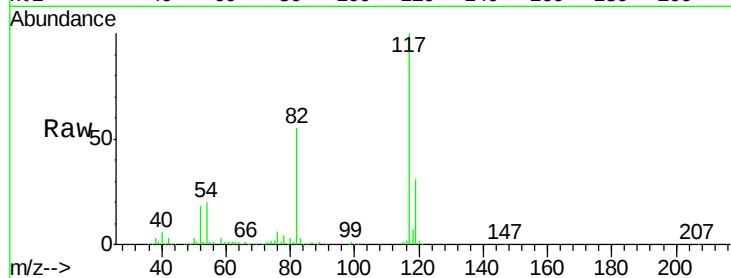
Tot Ion:117 Resp: 231190

Ion Ratio Lower Upper

117 100

82 54.5 41.8 62.6

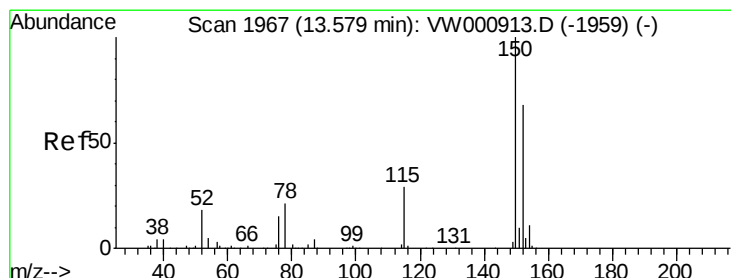
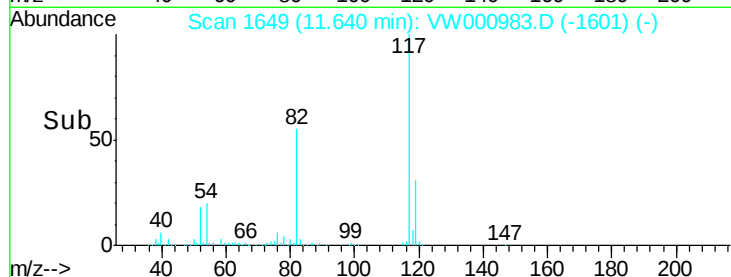
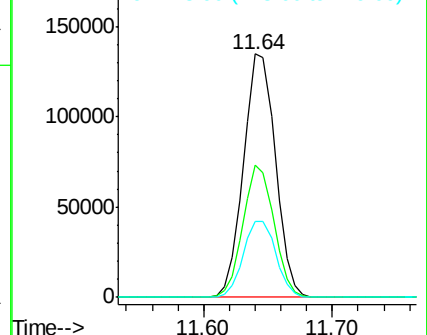
119 31.2 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1967

Delta R.T. 0.00 min

Lab File: VW000983.D

Acq: 25 Jan 2018 06:34

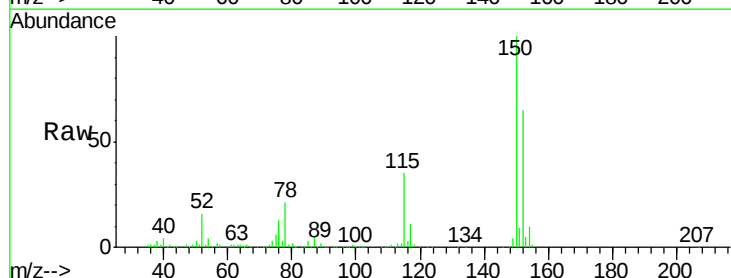
Tgt Ion:152 Resp: 85119

Ion Ratio Lower Upper

152 100

115 57.0 28.5 85.5

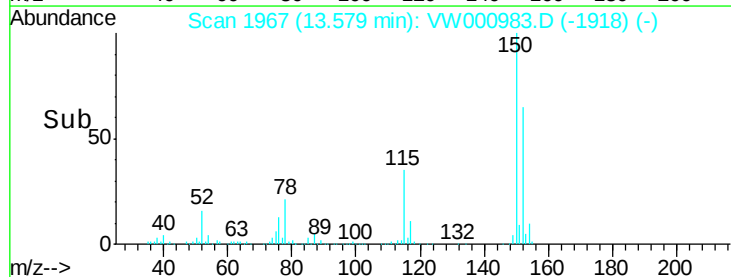
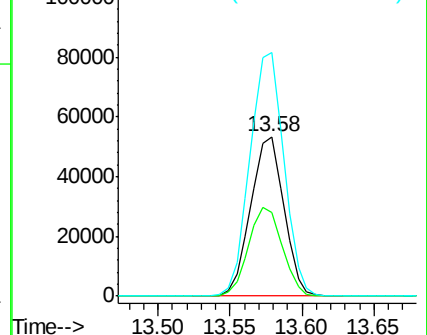
150 156.5 0.0 342.0

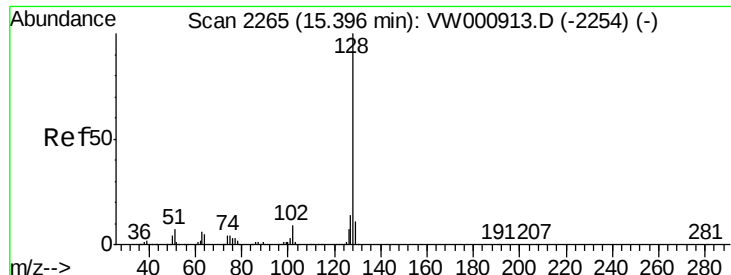


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.10 ug/l

RT: 15.40 min Scan# 2265

Delta R.T. 0.00 min

Lab File: VW000983.D

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Instrument :

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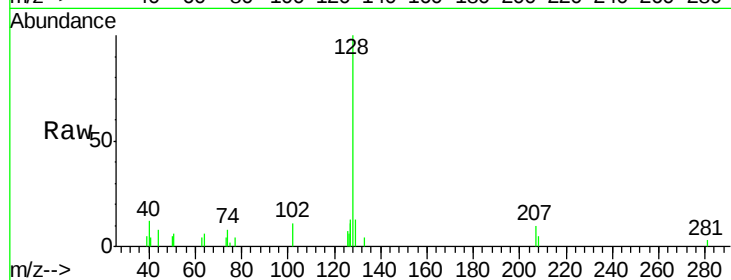
Tot Ion:128 Resp: 4318

Ion Ratio Lower Upper

128 100

127 16.8 10.6 15.8#

129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

