

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002572.D
 Acq On : 16 May 2018 02:13
 Operator : JC/SY
 Sample : J2898-06
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-06

Quant Time: May 16 07:40:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

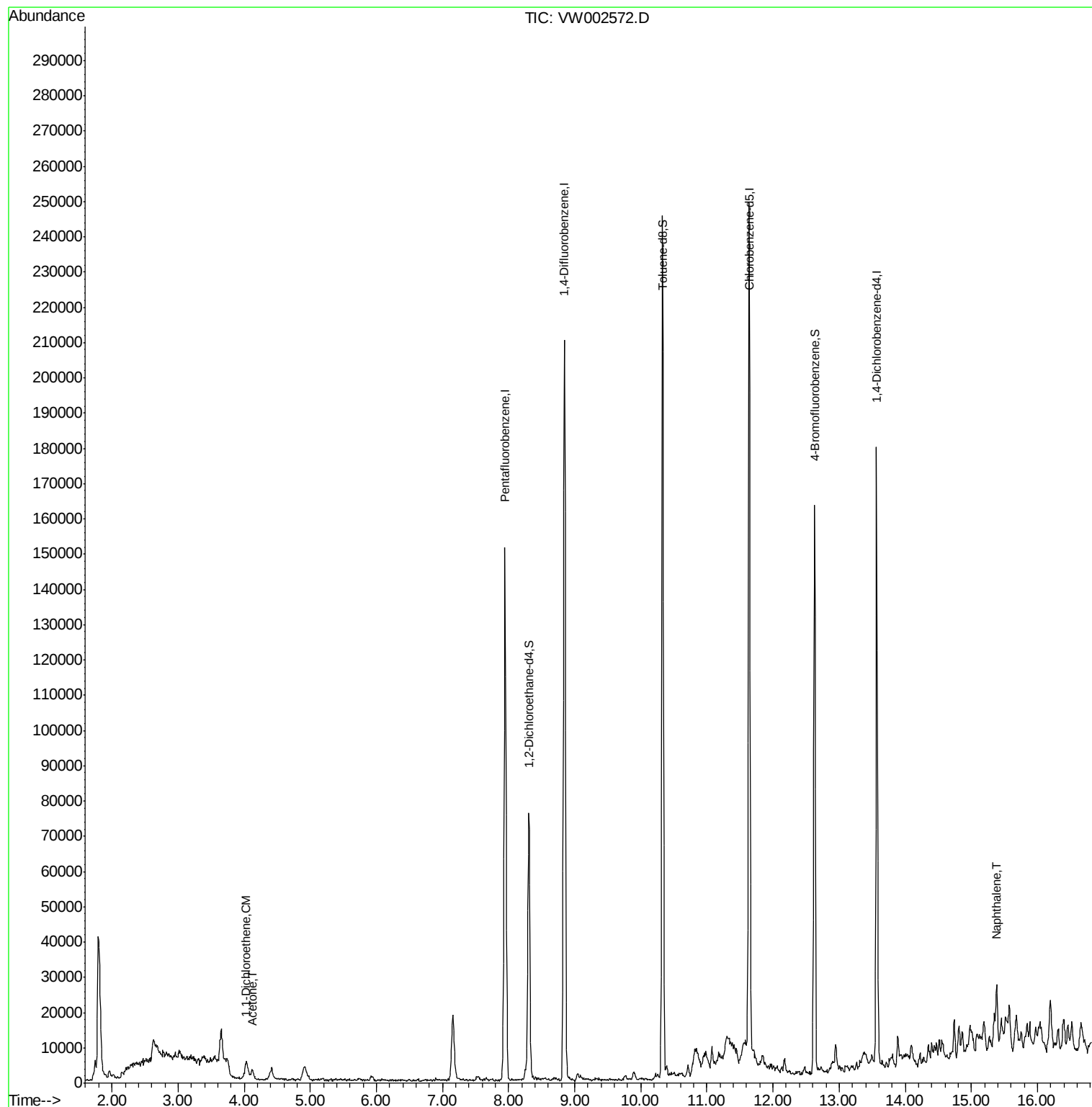
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	115443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	175763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	133125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	46420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57841	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.88	113	80	0.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.14%	
50) Toluene-d8	10.33	98	158399	37.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.68%	
62) 4-Bromofluorobenzene	12.63	95	45680	29.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.90%	
Target Compounds						
12) 1,1-Dichloroethene	4.03	96	3357	3.48	ug/l	94
16) Acetone	4.13	43	4816	19.12	ug/l	96
95) Naphthalene	15.38	128	13509	7.62	ug/l #	94

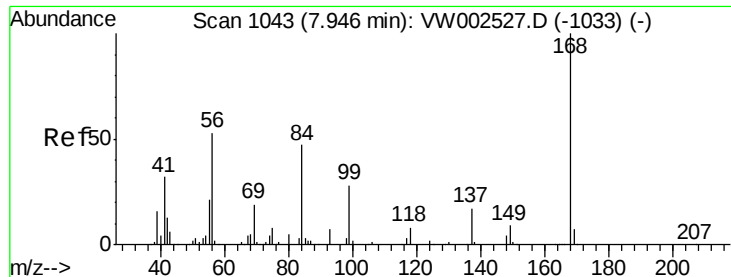
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

Instrument :

MSVOA_W

ClientSampled :

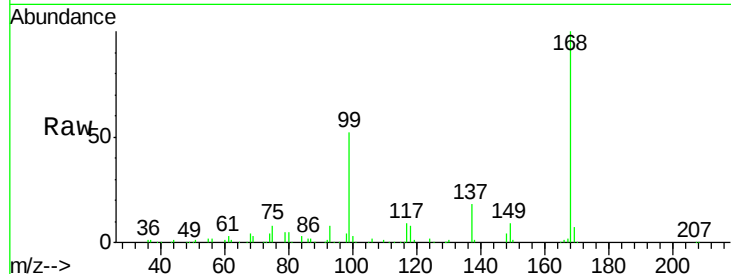
SP-06

Tot Ion:168 Resp: 115443

Ion Ratio Lower Upper

168 100

99 51.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

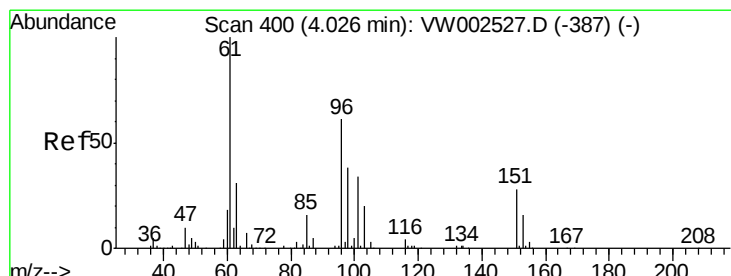
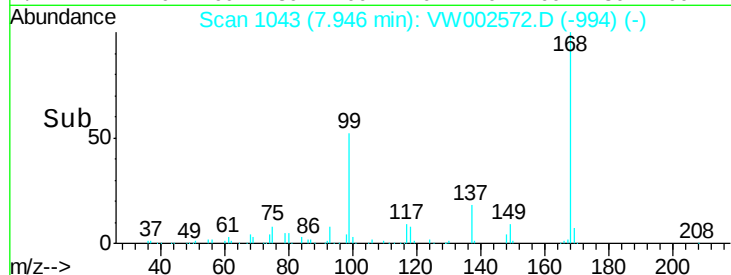
30000

20000

10000

0

Time-->



#12

1,1-Dichloroethene

Concen: 3.48 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.01 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

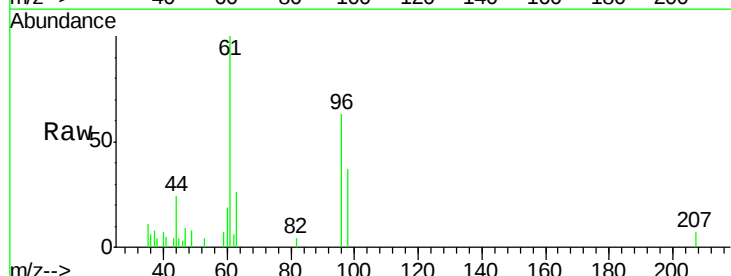
Tgt Ion: 96 Resp: 3357

Ion Ratio Lower Upper

96 100

61 157.7 132.2 198.2

98 58.2 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

2000

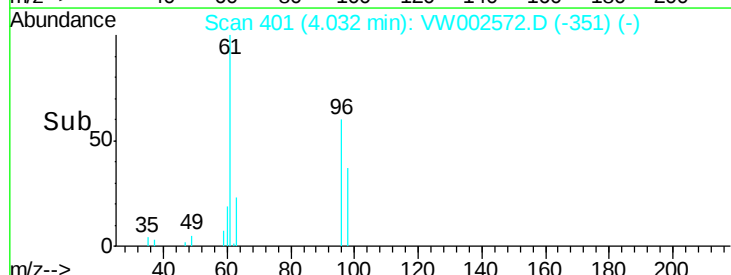
1500

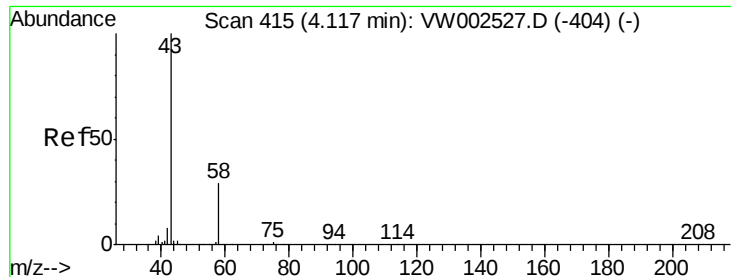
1000

500

0

Time-->





#16

Acetone

Concen: 19.12 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

Instrument :

MSVOA_W

ClientSampled :

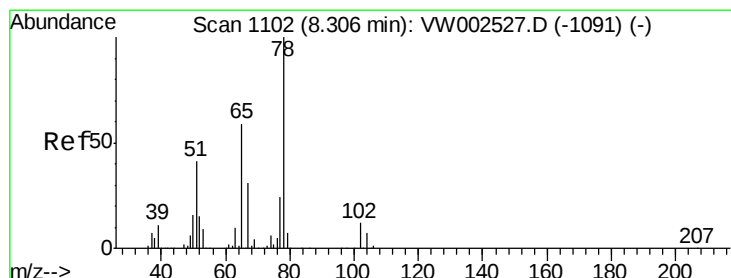
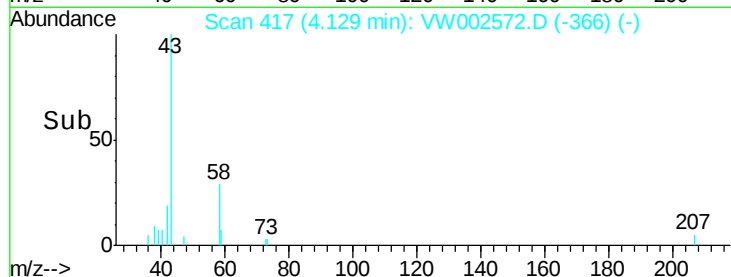
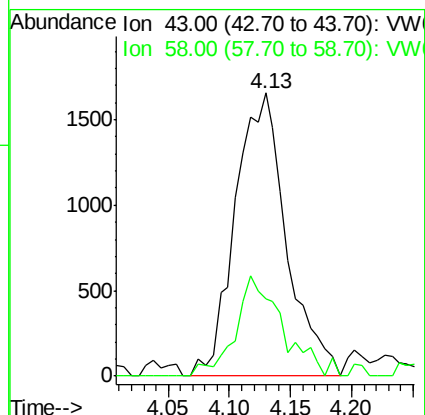
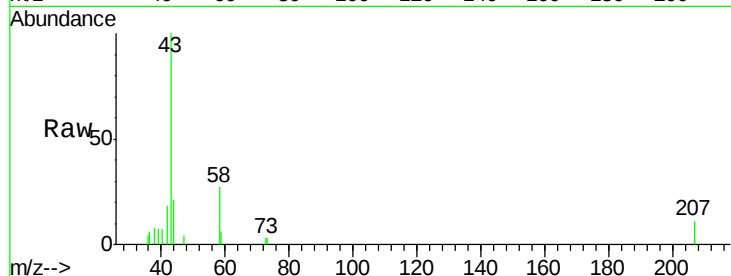
SP-06

Tot Ion: 43 Resp: 4816

Ion Ratio Lower Upper

43 100

58 27.3 23.4 35.0



#33

1,2-Dichloroethane-d4

Concen: 48.49 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW002572.D

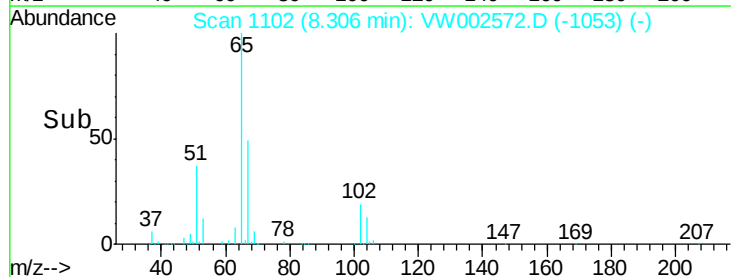
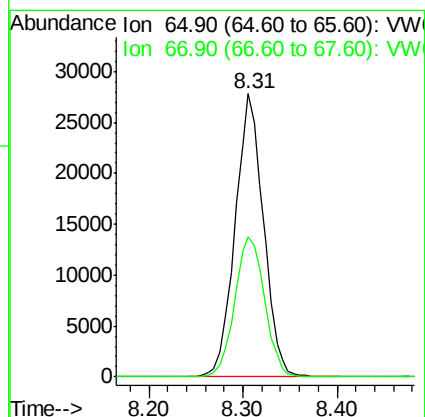
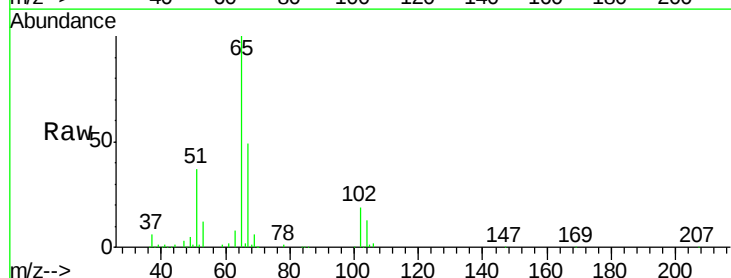
Acq: 16 May 2018 02:13

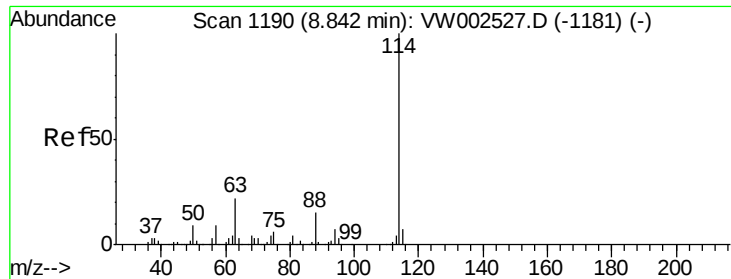
Tgt Ion: 65 Resp: 57841

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.00 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

SP-06

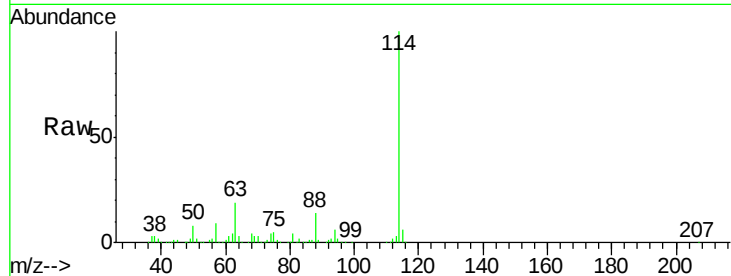
Tot Ion:114 Resp: 175763

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

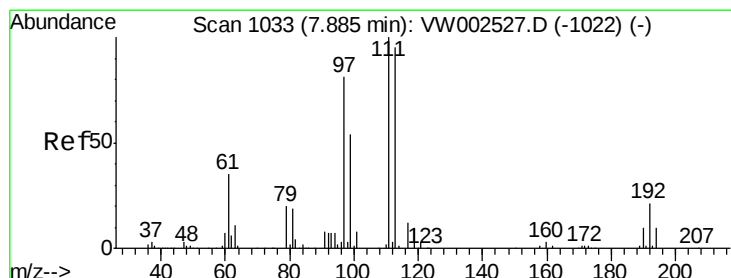
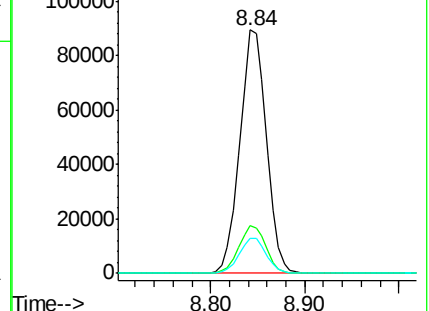
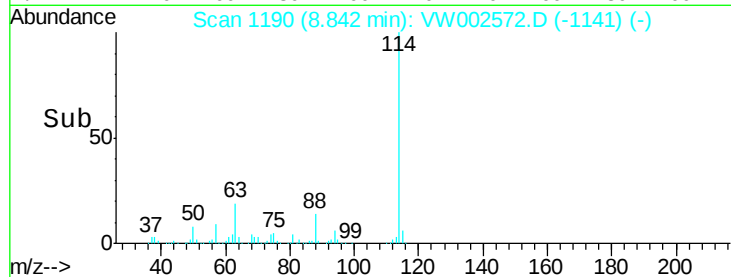
88 14.4 0.0 29.2



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: 0.07 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

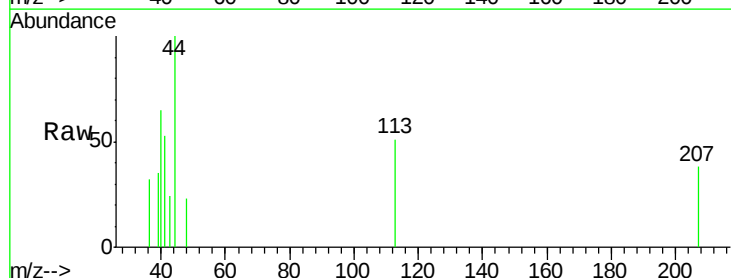
Tgt Ion:113 Resp: 80

Ion Ratio Lower Upper

113 100

111 197.5 81.8 122.8#

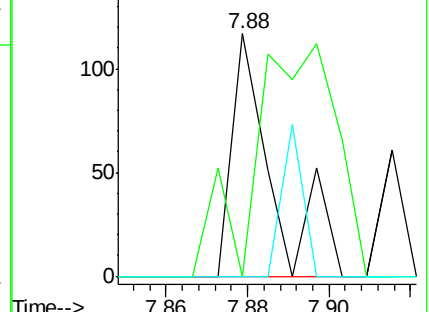
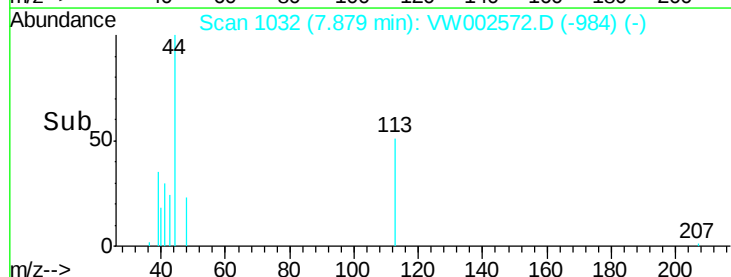
192 33.8 17.5 26.3#

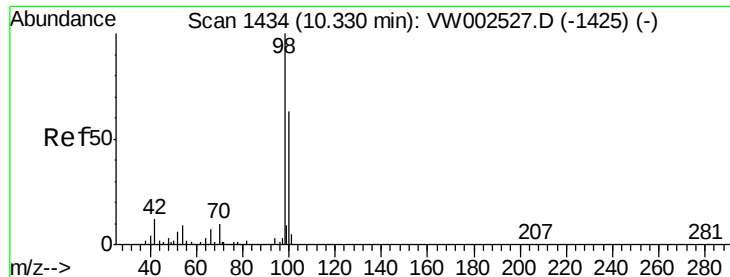


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 37.34 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

Instrument :

MSVOA_W

ClientSampled :

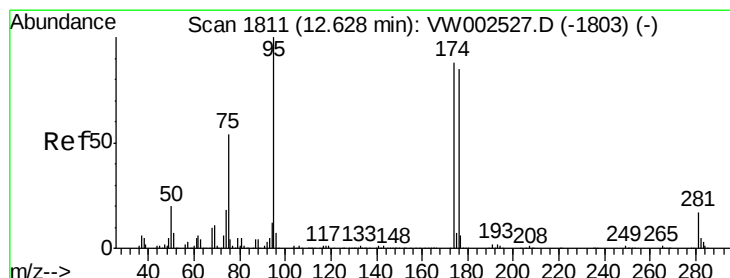
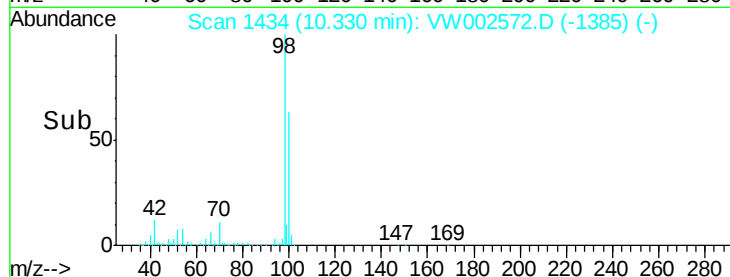
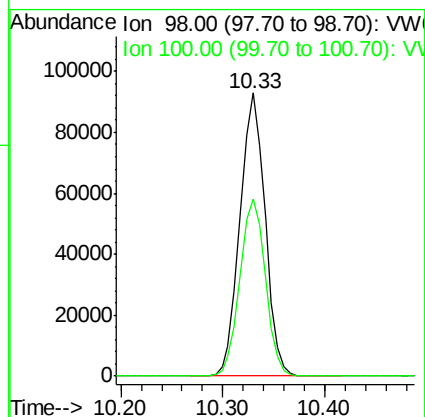
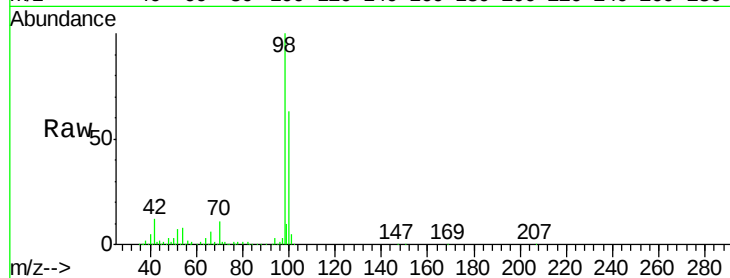
SP-06

Tot Ion: 98 Resp: 158399

Ion Ratio Lower Upper

98 100

100 63.2 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 29.45 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

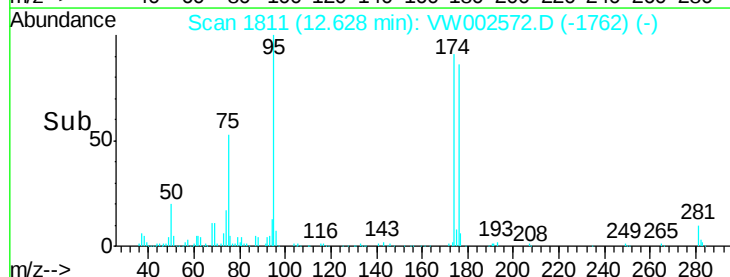
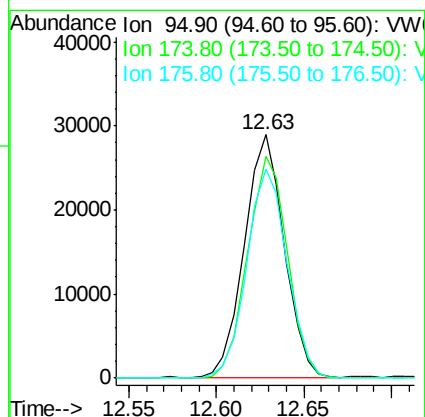
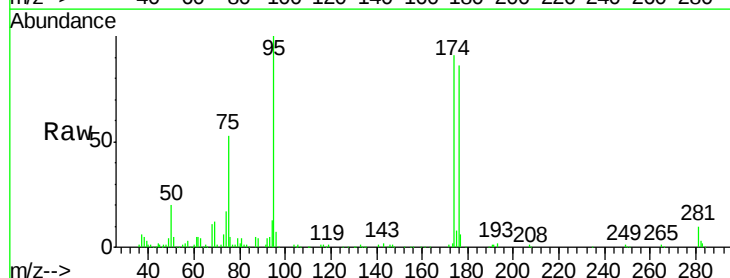
Tgt Ion: 95 Resp: 45680

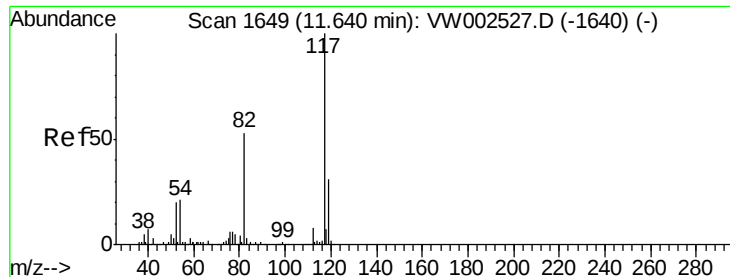
Ion Ratio Lower Upper

95 100

174 92.1 0.0 176.6

176 87.4 0.0 172.2

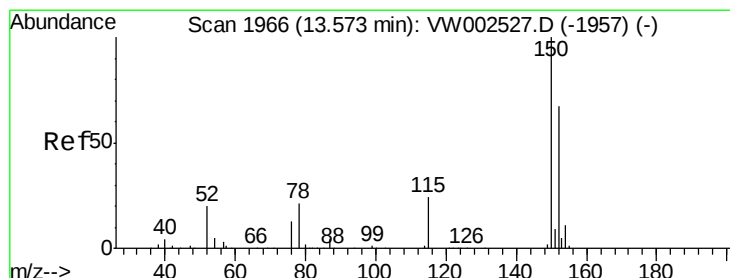
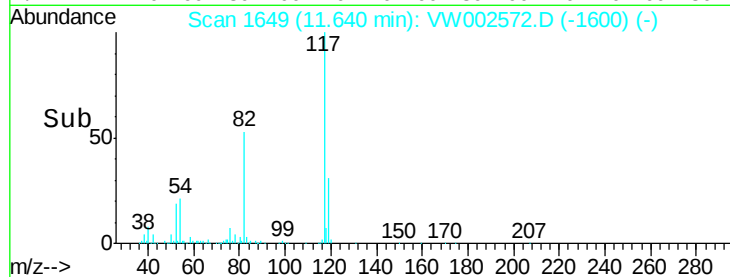
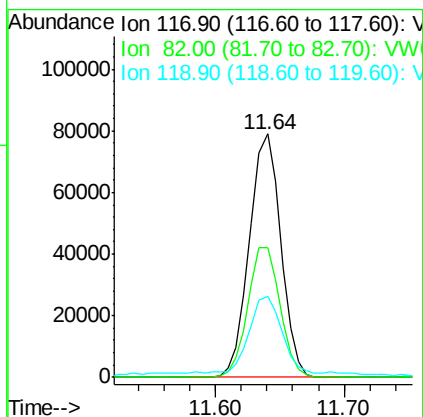
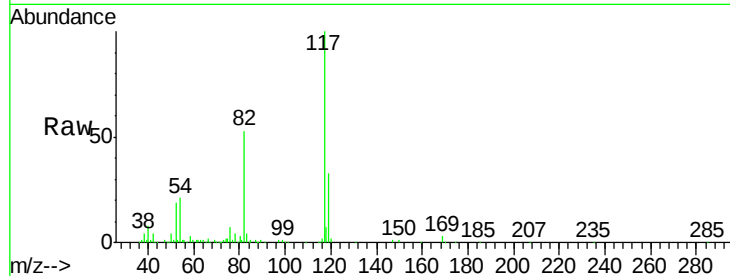




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002572.D
Acq: 16 May 2018 02:13

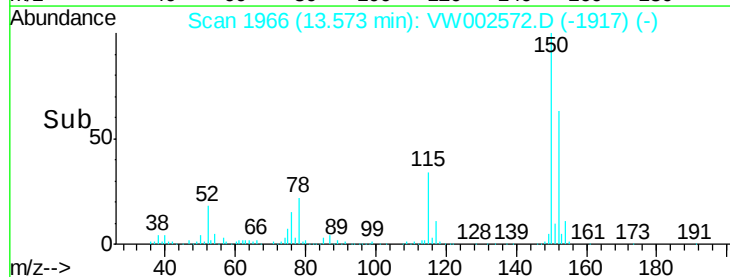
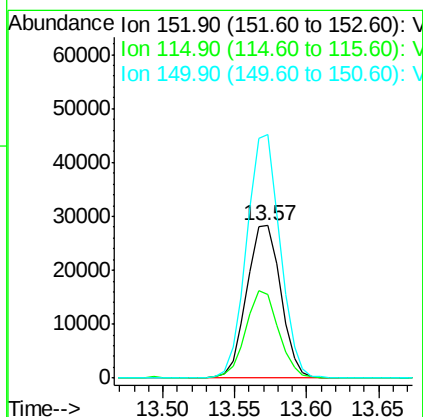
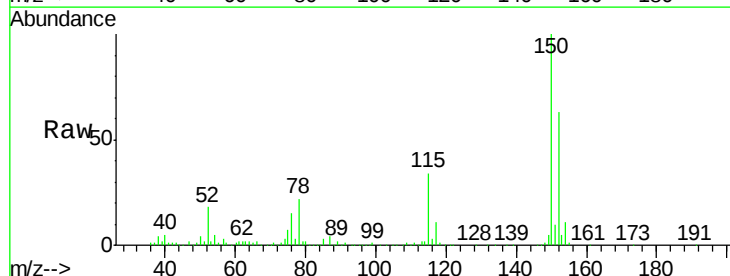
Instrument :
MSVOA_W
ClientSampled :
SP-06

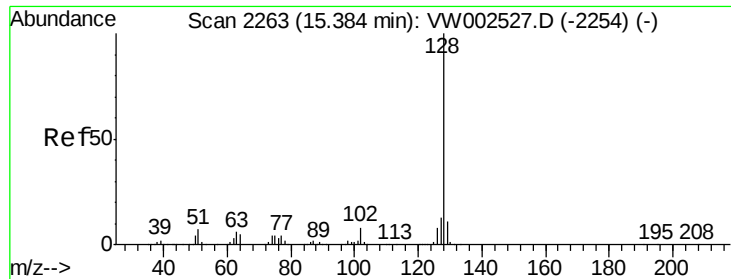
Tot Ion:117 Resp: 133125
Ion Ratio Lower Upper
117 100
82 53.1 42.6 64.0
119 31.7 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW002572.D
Acq: 16 May 2018 02:13

Tgt Ion:152 Resp: 46420
Ion Ratio Lower Upper
152 100
115 56.0 28.0 84.0
150 155.9 0.0 345.4

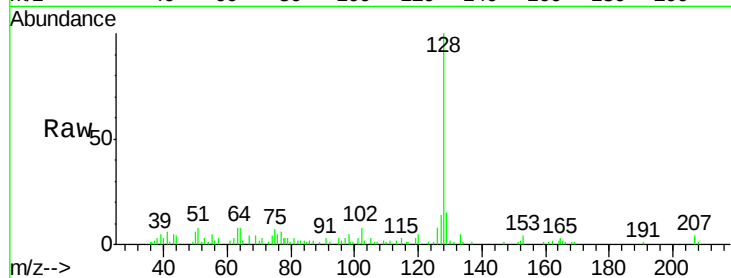




#95
Naphthalene
Concen: 7.62 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002572.D
Acq: 16 May 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
SP-06

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.6	15.8
129	14.9	8.9	13.3



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

