

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002571.D
 Acq On : 16 May 2018 01:47
 Operator : JC/SY
 Sample : J2898-05
 Misc : 5.04G/10ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-05

Quant Time: May 16 07:36:56 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

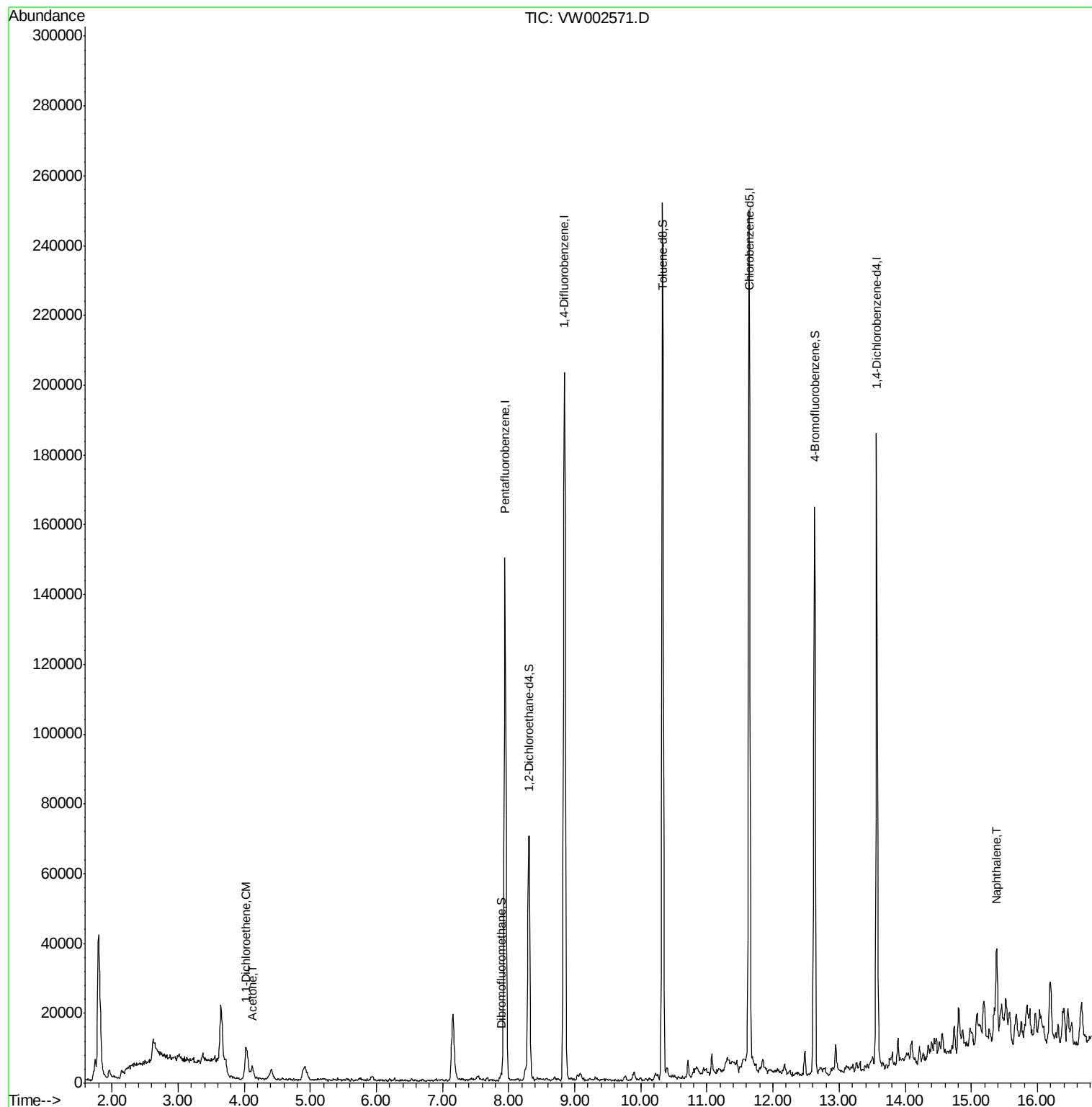
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	116403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	171853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	133830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56751	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
35) Dibromofluoromethane	7.88	113	1293	1.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.38%	
50) Toluene-d8	10.33	98	159285	38.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.80%	
62) 4-Bromofluorobenzene	12.63	95	48094	31.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.42%	
Target Compounds						
12) 1,1-Dichloroethene	4.03	96	6344	6.52	ug/l	89
16) Acetone	4.12	43	5465	21.52	ug/l	# 79
95) Naphthalene	15.38	128	22242	12.27	ug/l	98

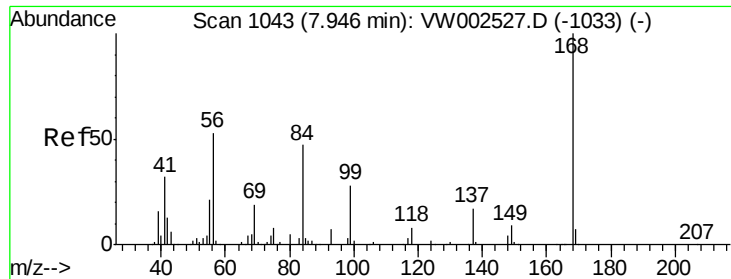
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002571.D

Acq: 16 May 2018 01:47

Instrument :

MSVOA_W

ClientSampled :

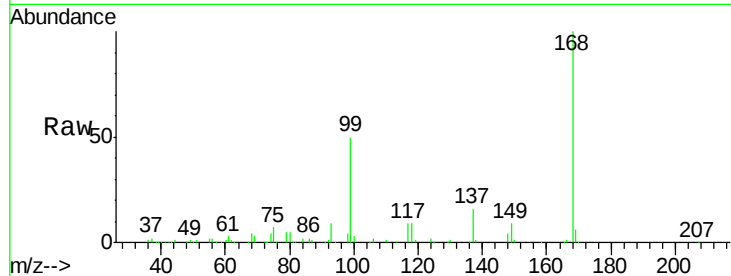
SP-05

Tot Ion:168 Resp: 116403

Ion Ratio Lower Upper

168 100

99 50.4 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

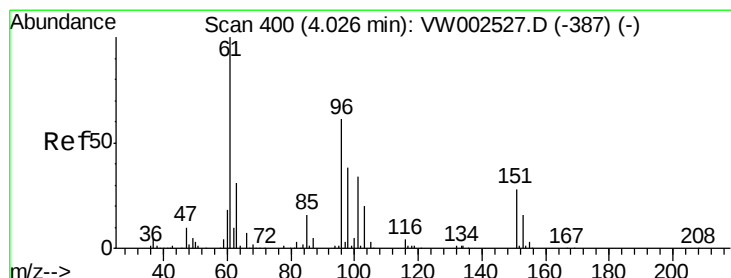
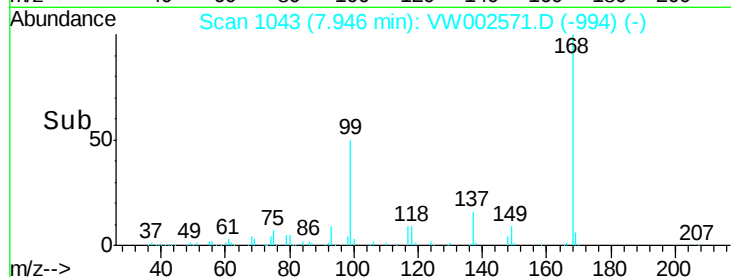
30000

20000

10000

0

Time--> 7.80 7.90 8.00



#12

1,1-Dichloroethene

Concen: 6.52 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW002571.D

Acq: 16 May 2018 01:47

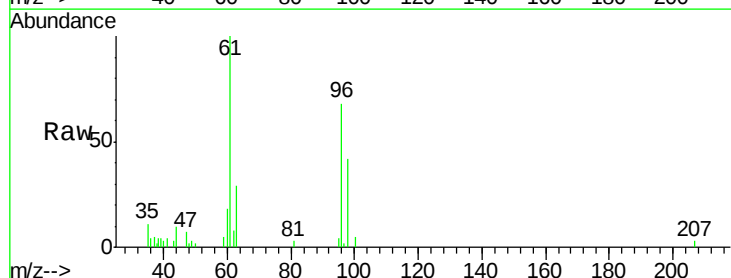
Tgt Ion: 96 Resp: 6344

Ion Ratio Lower Upper

96 100

61 146.1 132.2 198.2

98 61.5 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

4000

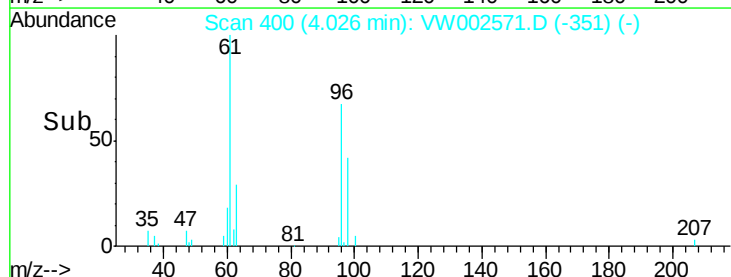
3000

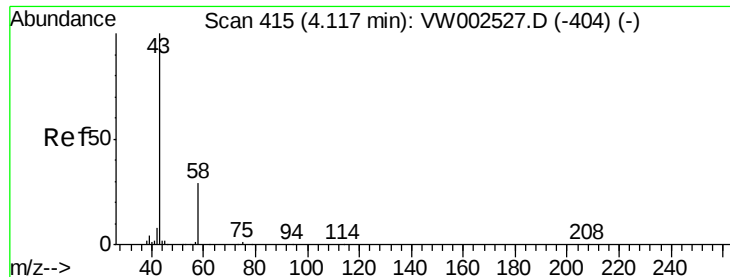
2000

1000

0

Time--> 3.90 4.00 4.10





#16

Acetone

Concen: 21.52 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002571.D

Acq: 16 May 2018 01:47

Instrument :

MSVOA_W

ClientSampled :

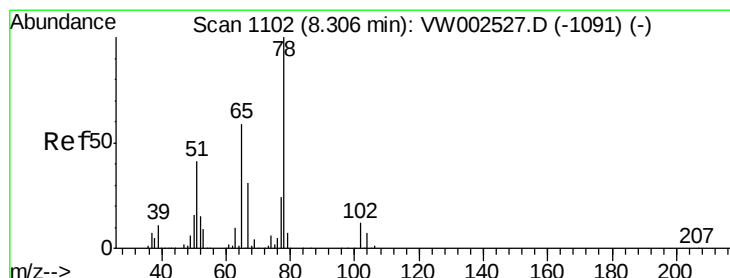
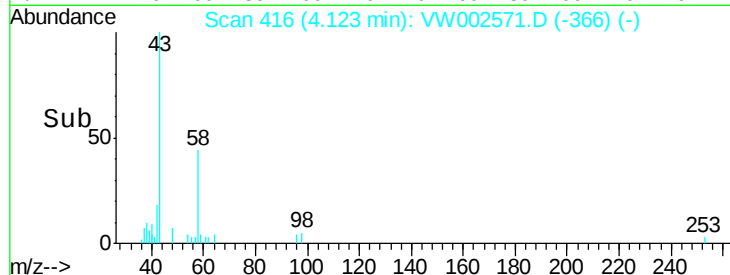
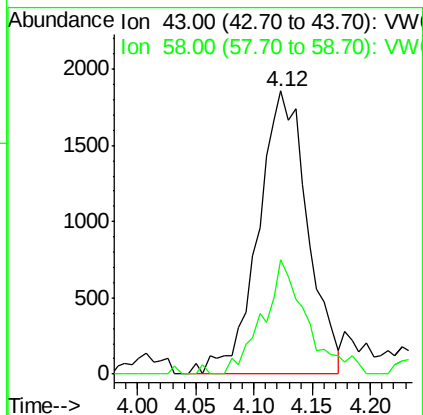
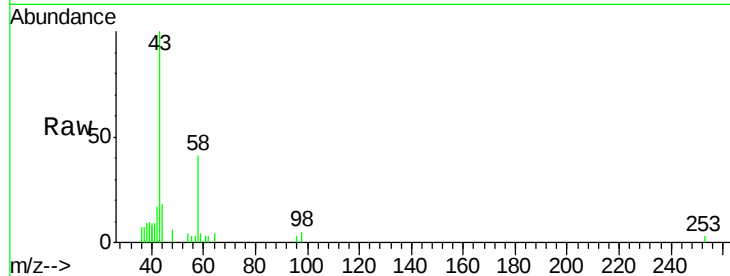
SP-05

Tot Ion: 43 Resp: 5465

Ion Ratio Lower Upper

43 100

58 40.6 23.4 35.0#



#33

1,2-Dichloroethane-d4

Concen: 47.18 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002571.D

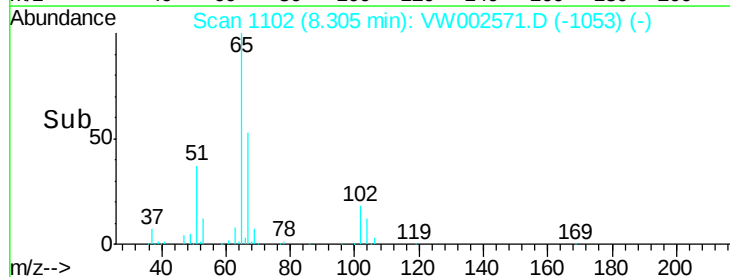
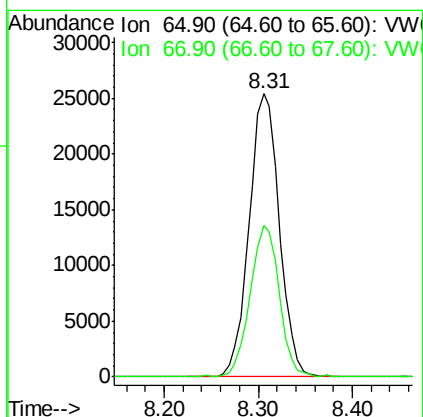
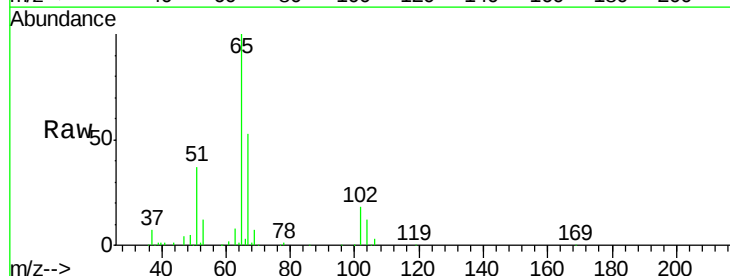
Acq: 16 May 2018 01:47

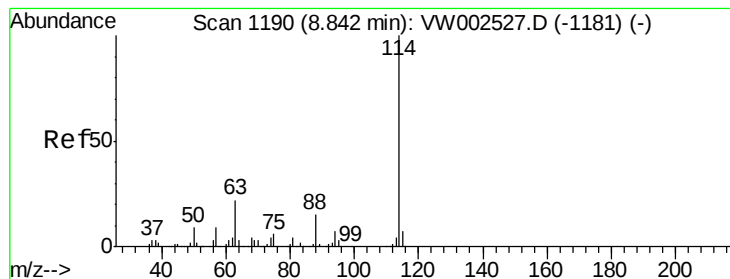
Tgt Ion: 65 Resp: 56751

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VW002571.D

Acq: 16 May 2018 01:47

Instrument :

MSVOA_W

ClientSampled :

SP-05

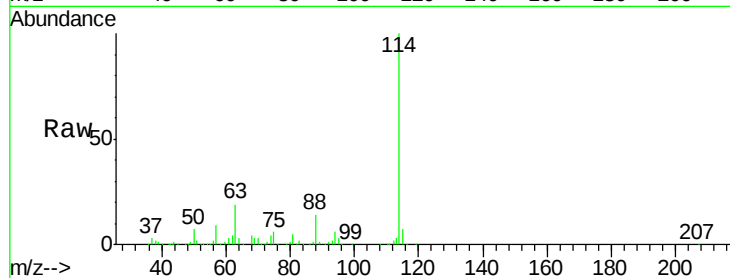
Tot Ion:114 Resp: 171853

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

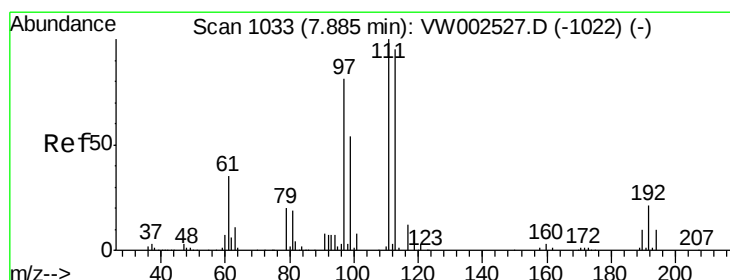
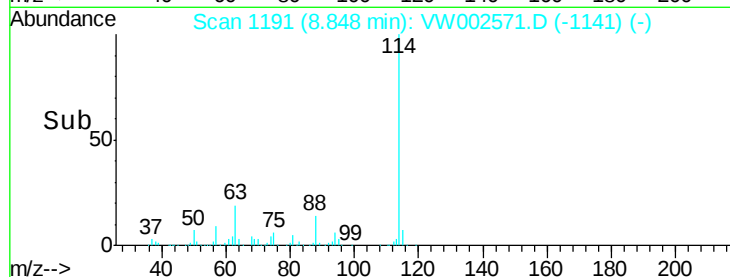
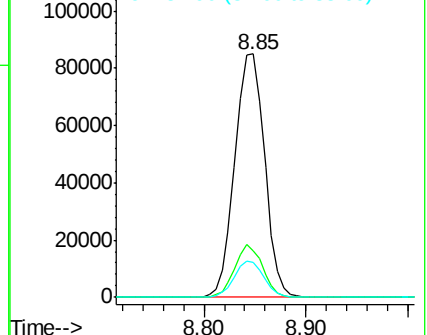
88 14.4 0.0 29.2



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: 1.19 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002571.D

Acq: 16 May 2018 01:47

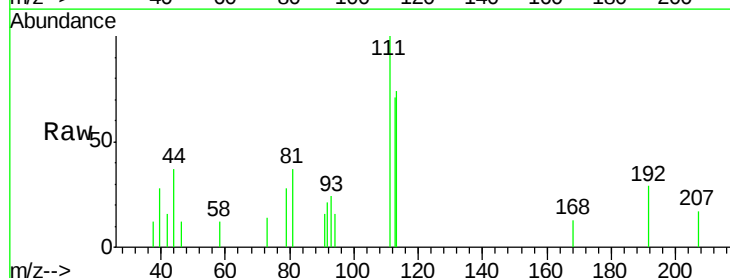
Tgt Ion:113 Resp: 1293

Ion Ratio Lower Upper

113 100

111 87.9 81.8 122.8

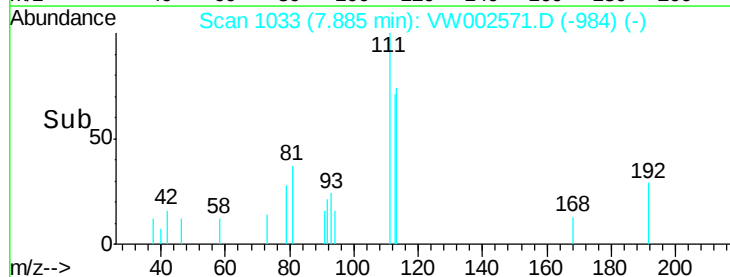
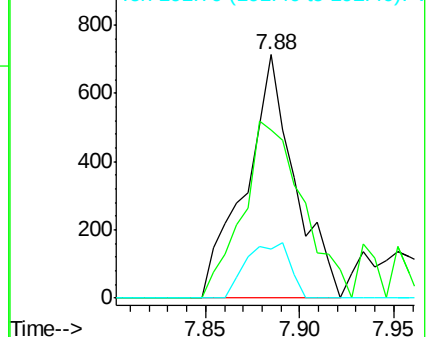
192 20.1 17.5 26.3

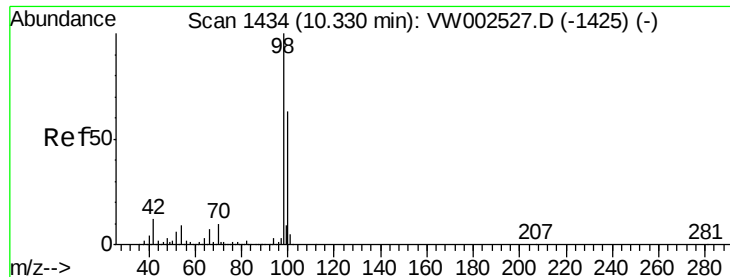


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.40 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002571.D

Acq: 16 May 2018 01:47

Instrument :

MSVOA_W

ClientSampled :

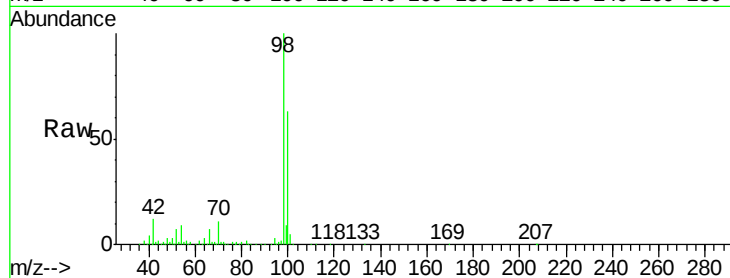
SP-05

Tot Ion: 98 Resp: 159285

Ion Ratio Lower Upper

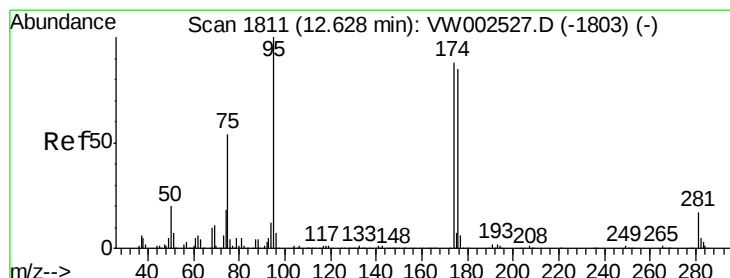
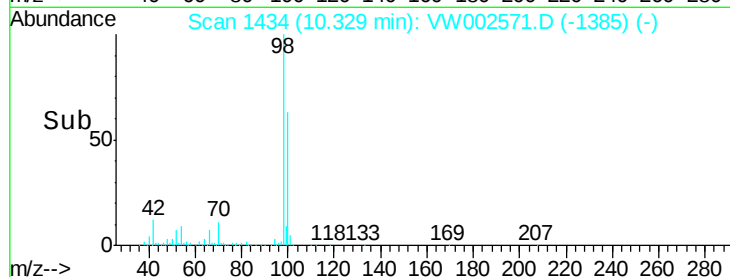
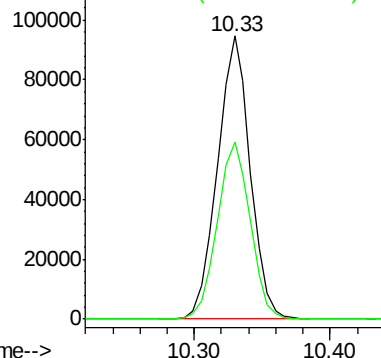
98 100

100 63.1 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 31.71 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002571.D

Acq: 16 May 2018 01:47

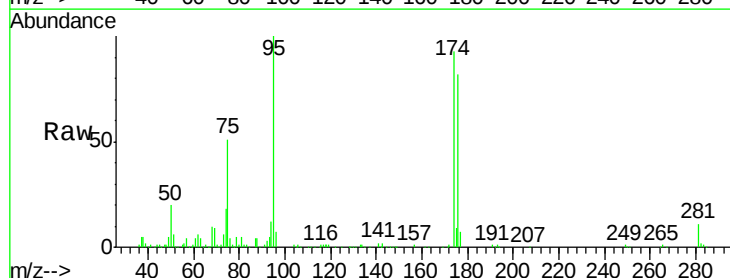
Tgt Ion: 95 Resp: 48094

Ion Ratio Lower Upper

95 100

174 89.7 0.0 176.6

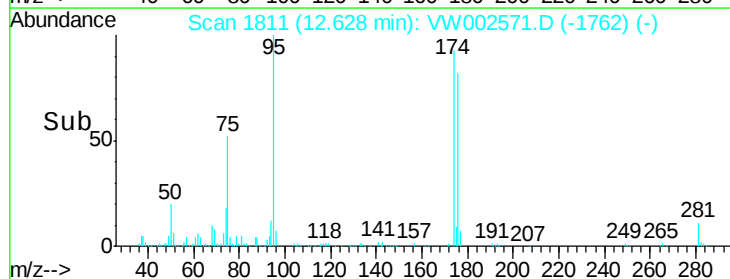
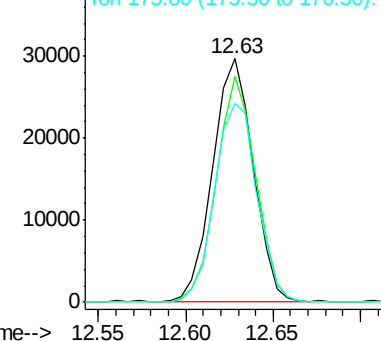
176 84.8 0.0 172.2

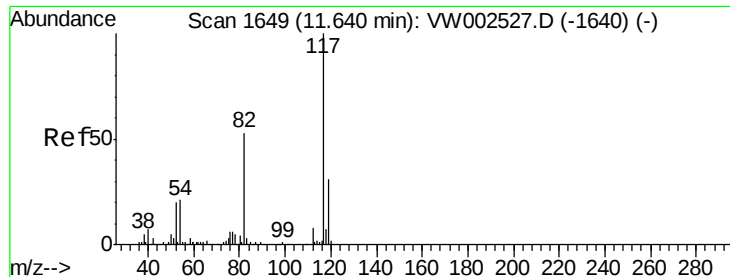


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

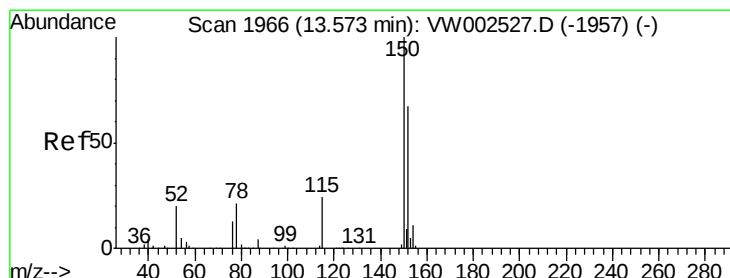
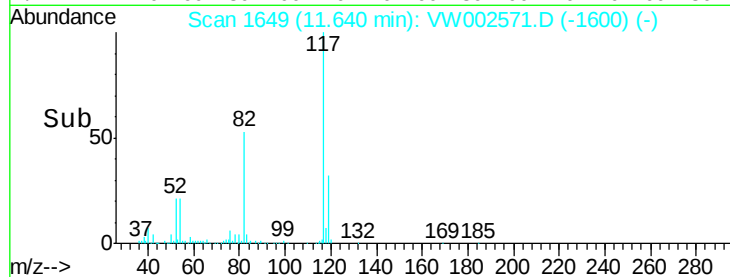
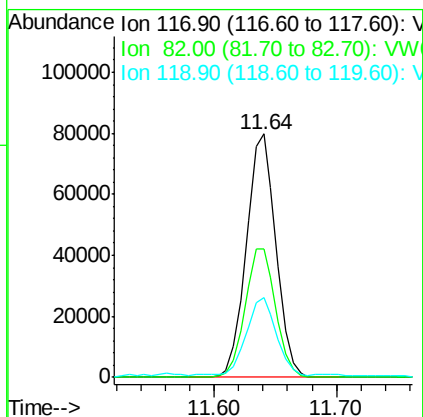
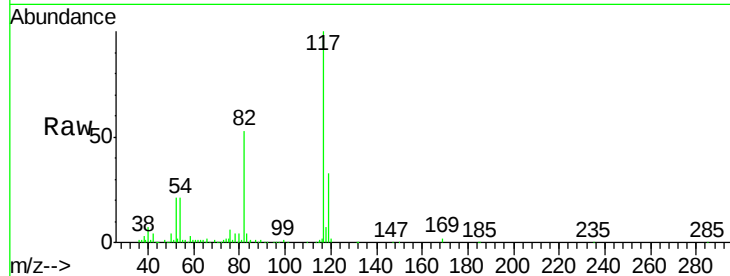




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002571.D
Acq: 16 May 2018 01:47

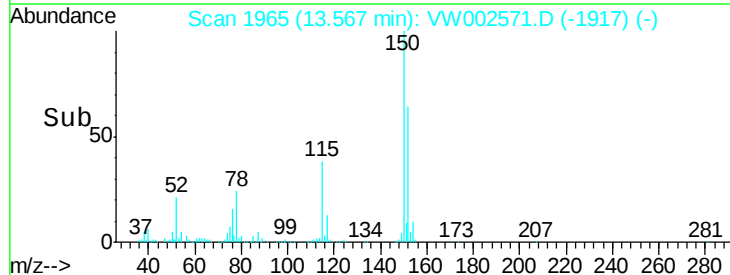
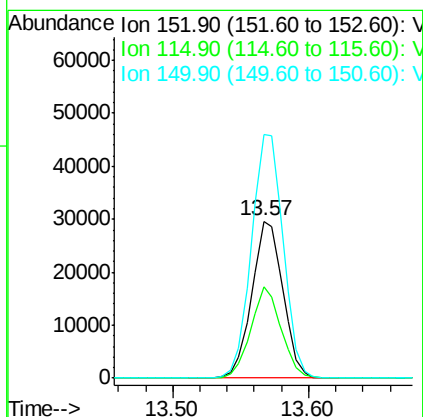
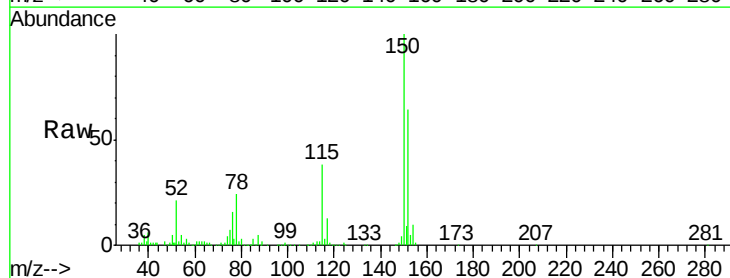
Instrument :
MSVOA_W
ClientSampled :
SP-05

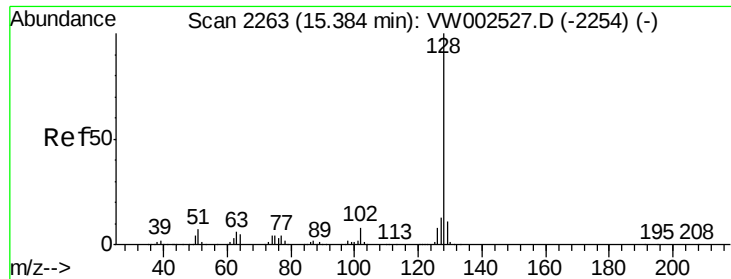
Tot Ion:117 Resp: 133830
Ion Ratio Lower Upper
117 100
82 52.9 42.6 64.0
119 31.8 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002571.D
Acq: 16 May 2018 01:47

Tgt Ion:152 Resp: 47456
Ion Ratio Lower Upper
152 100
115 56.8 28.0 84.0
150 158.7 0.0 345.4





#95

Naphthalene

Concen: 12.27 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

Lab File: VW002571.D

Acq: 16 May 2018 01:47

Instrument :

MSVOA_W

ClientSampleId :

SP-05

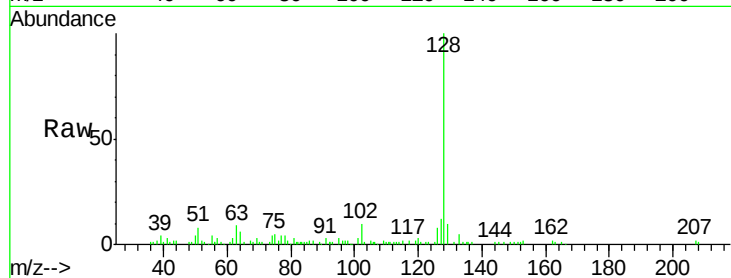
Tot Ion:128 Resp: 22242

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 12.0 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

