

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005417.D
 Acq On : 15 Sep 2018 06:53
 Operator : SY/AP
 Sample : J4906-29
 Misc : 6.72G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-2

Quant Time: Sep 17 01:06:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

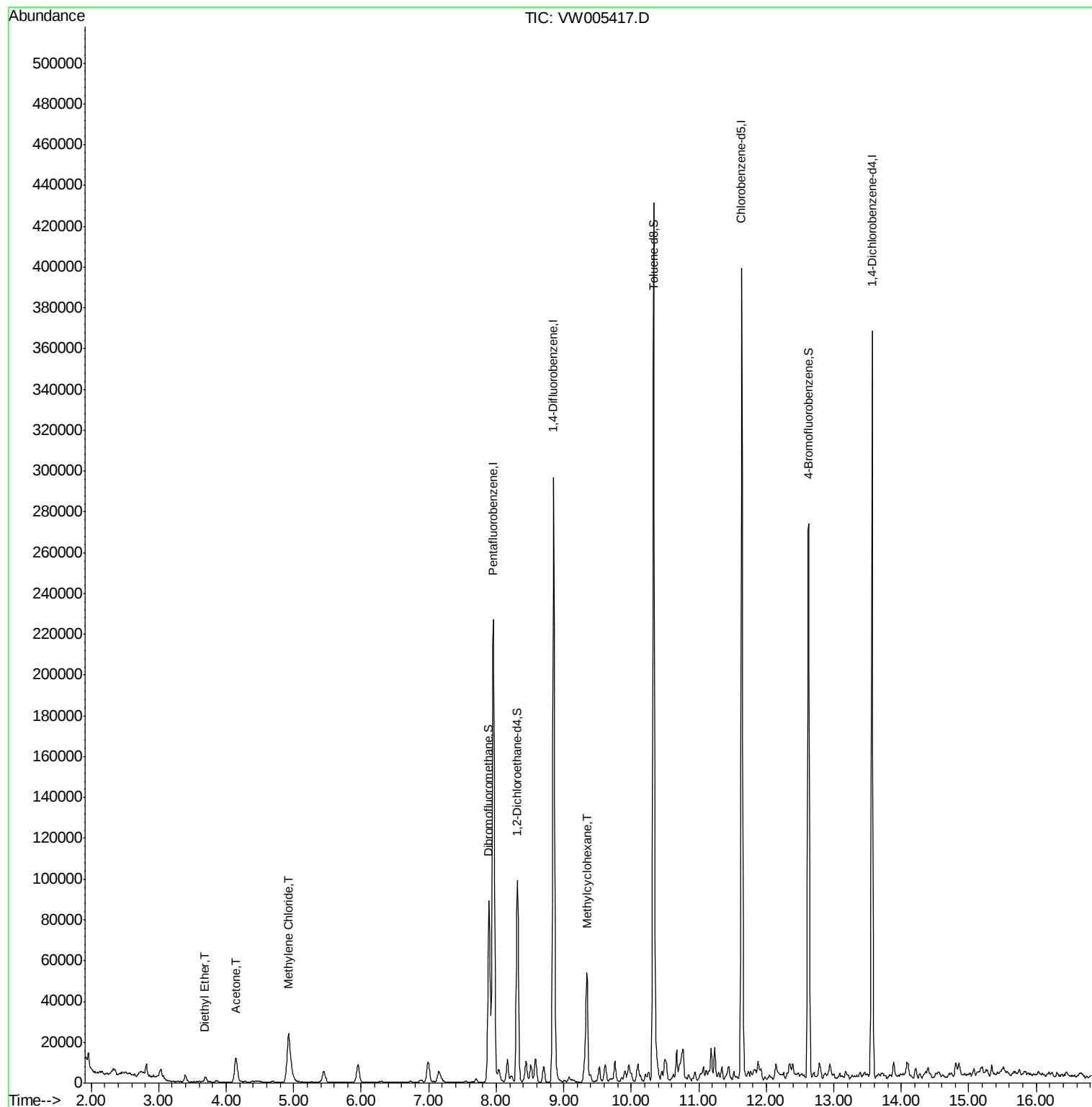
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	158970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	246087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	224512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	94058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82854	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	7.90	113	64167	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
50) Toluene-d8	10.33	98	272008	43.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.10%	
62) 4-Bromofluorobenzene	12.63	95	85705	36.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.98%	
Target Compounds						
8) Diethyl Ether	3.69	74	1220	1.76	ug/l	93
16) Acetone	4.15	43	23199	85.94	ug/l	97
20) Methylene Chloride	4.92	84	16600	4.97	ug/l	92
39) Methylcyclohexane	9.34	83	20304	7.50	ug/l	95

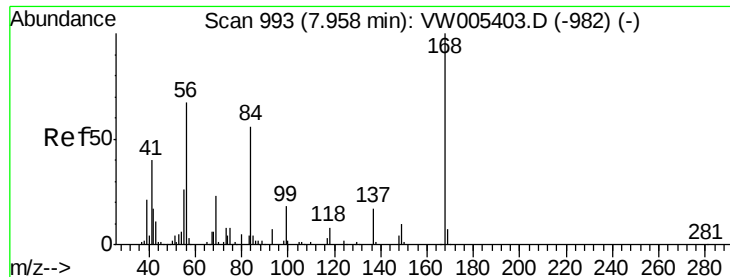
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091618\
Data File : VW005417.D
Acq On : 15 Sep 2018 06:53
Operator : SY/AP
Sample : J4906-29
Misc : 6.72G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-2

Quant Time: Sep 17 01:06:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005417.D

Acq: 15 Sep 2018 06:53

Instrument :

MSVOA_W

ClientSampled :

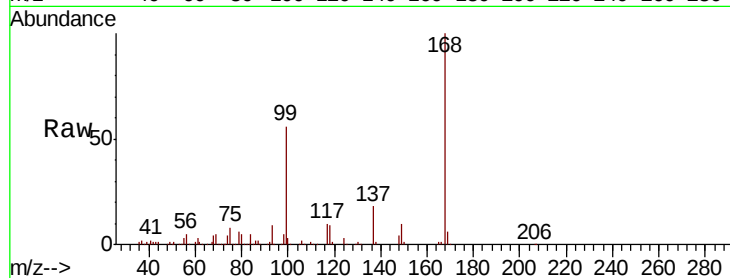
SP-PIT-2

Tot Ion:168 Resp: 158970

Ion Ratio Lower Upper

168 100

99 56.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

80000

60000

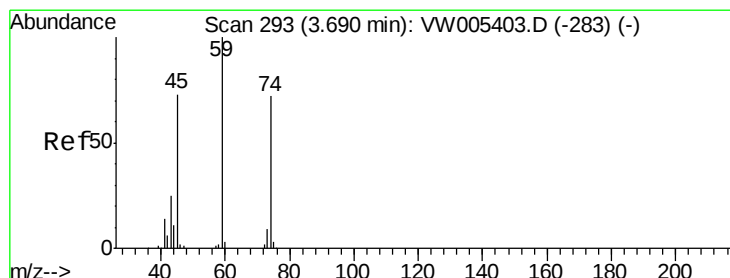
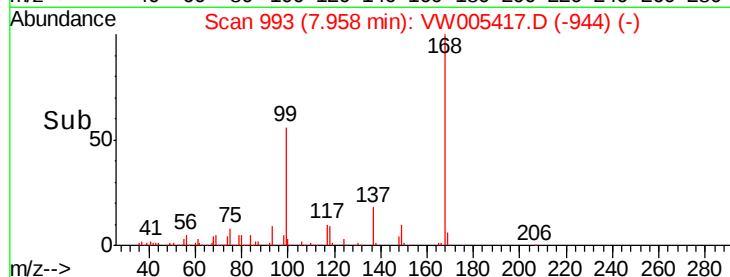
40000

20000

0

7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 1.76 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW005417.D

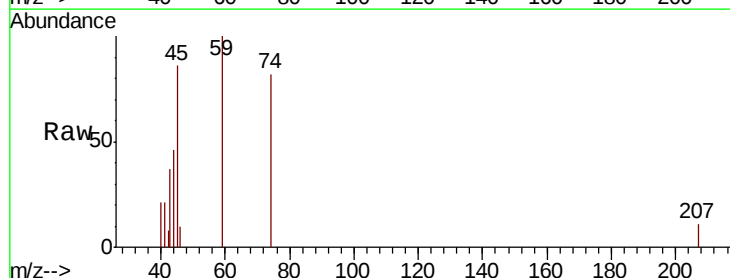
Acq: 15 Sep 2018 06:53

Tgt Ion: 74 Resp: 1220

Ion Ratio Lower Upper

74 100

45 113.9 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

600

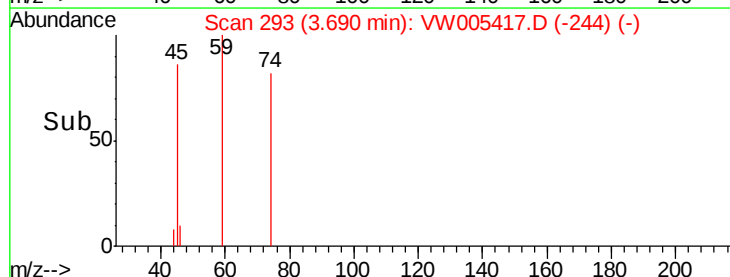
400

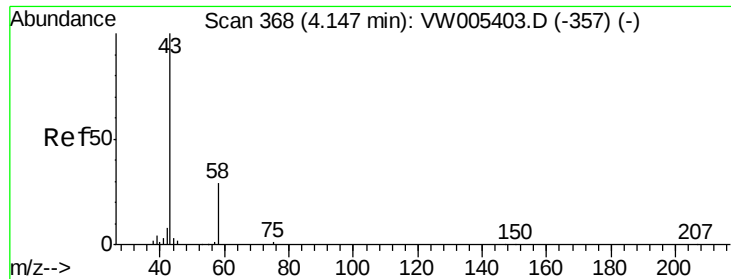
200

0

3.65 3.70 3.75

Time-->





#16

Acetone

Concen: 85.94 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005417.D

Acq: 15 Sep 2018 06:53

Instrument :

MSVOA_W

ClientSampleId :

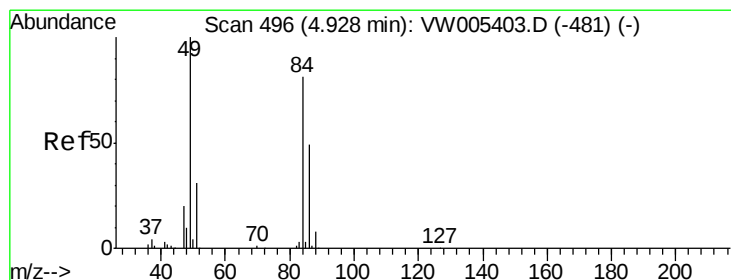
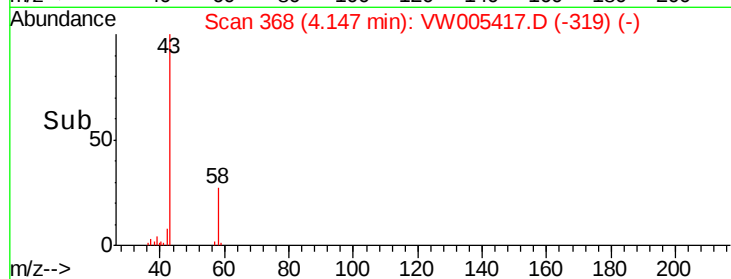
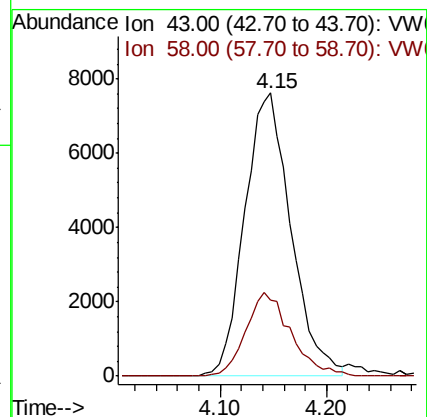
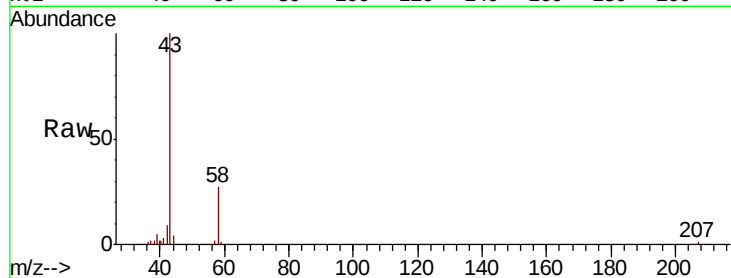
SP-PIT-2

Tot Ion: 43 Resp: 23199

Ion Ratio Lower Upper

43 100

58 26.7 22.8 34.2



#20

Methylene Chloride

Concen: 4.97 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005417.D

Acq: 15 Sep 2018 06:53

Tgt Ion: 84 Resp: 16600

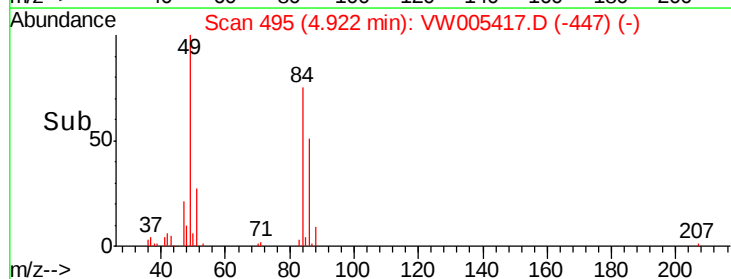
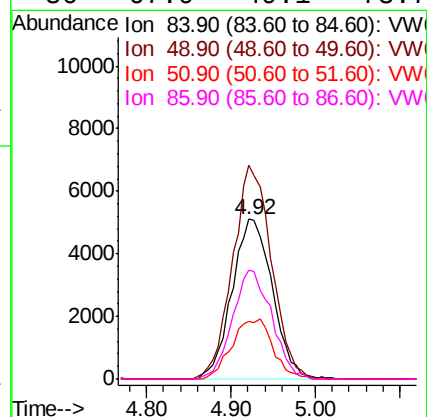
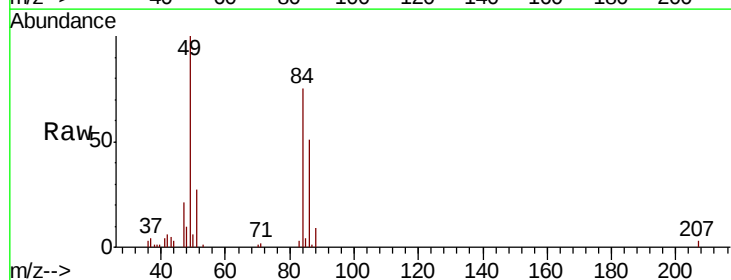
Ion Ratio Lower Upper

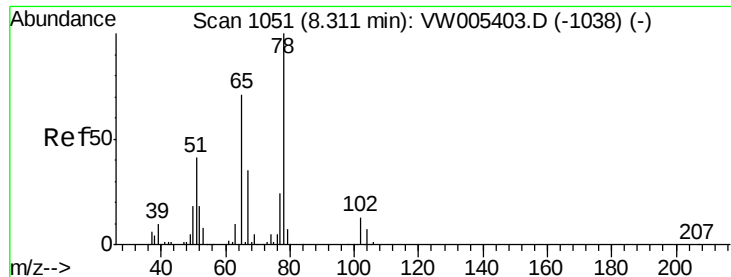
84 100

49 133.8 99.3 148.9

51 36.1 31.1 46.7

86 67.9 49.1 73.7





#33

1,2-Dichloroethane-d4

Concen: 50.21 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005417.D

Acq: 15 Sep 2018 06:53

Instrument :

MSVOA_W

ClientSampled :

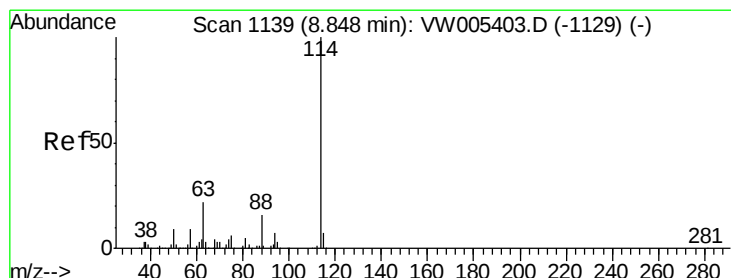
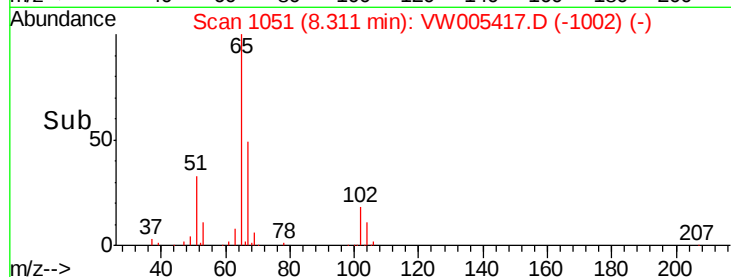
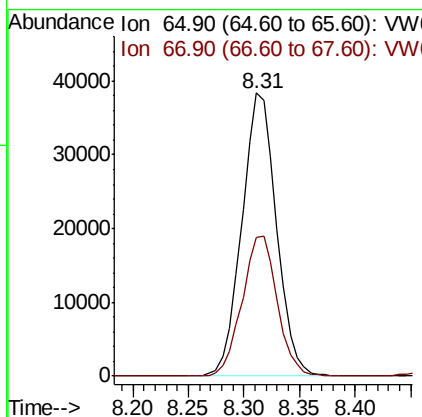
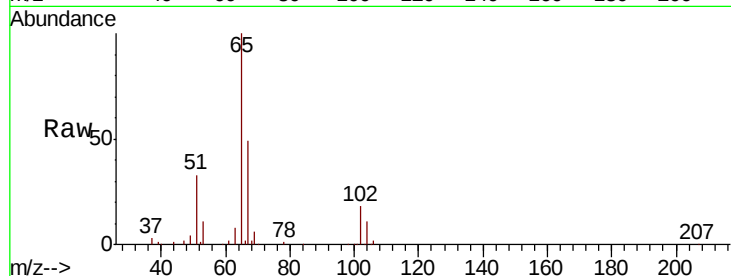
SP-PIT-2

Tot Ion: 65 Resp: 82854

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005417.D

Acq: 15 Sep 2018 06:53

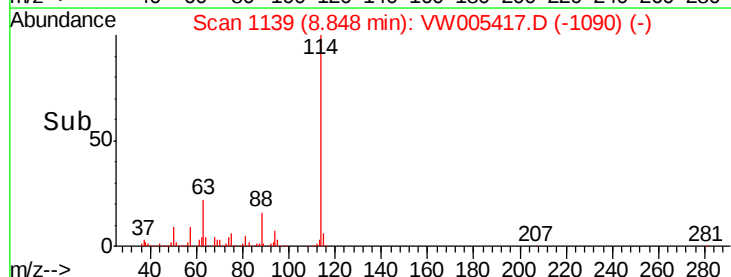
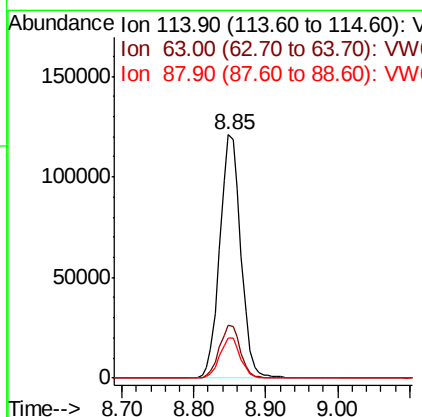
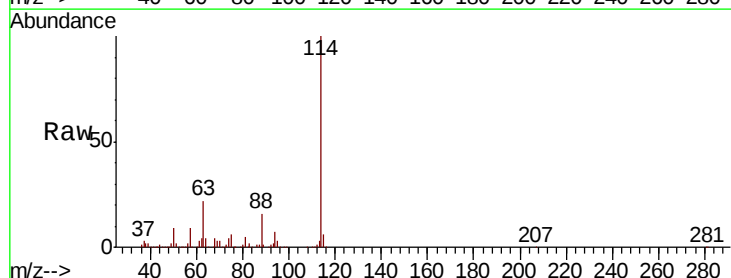
Tgt Ion: 114 Resp: 246087

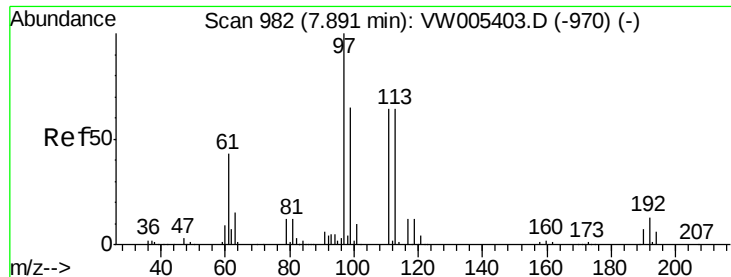
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 16.4 0.0 31.8

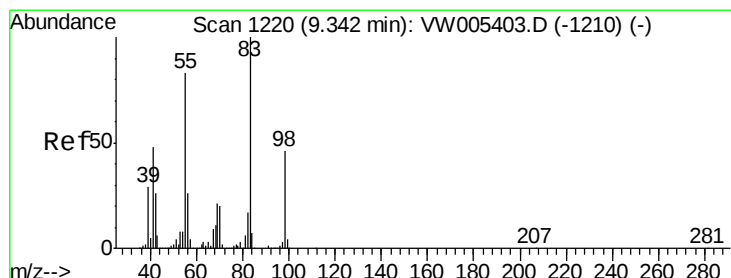
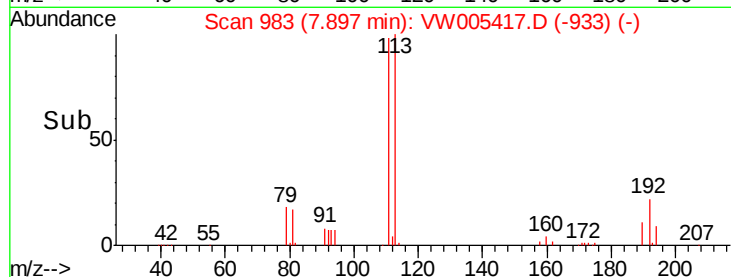
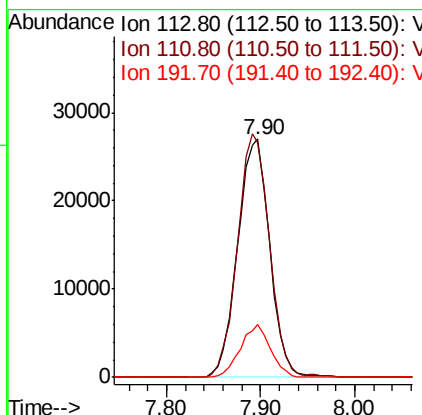
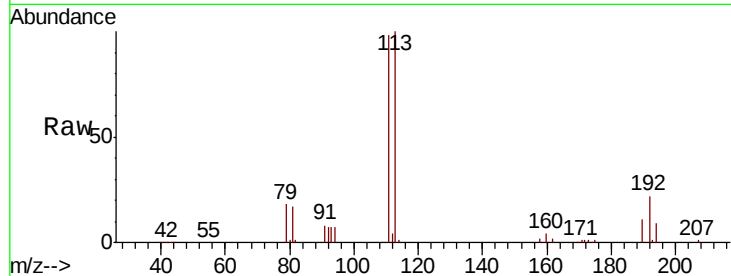




#35
 Dibromofluoromethane
 Concen: 46.51 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005417.D
 Acq: 15 Sep 2018 06:53

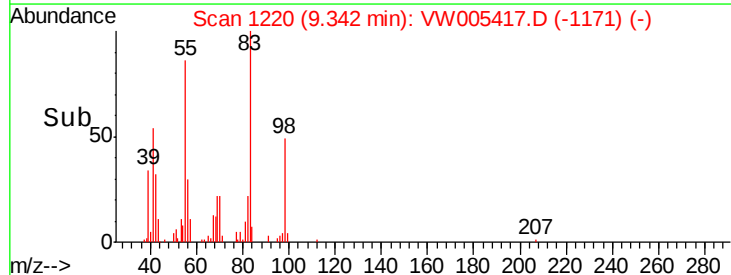
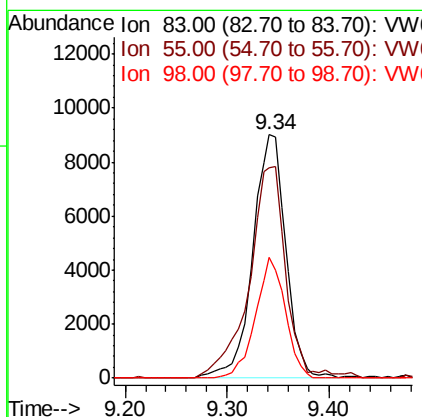
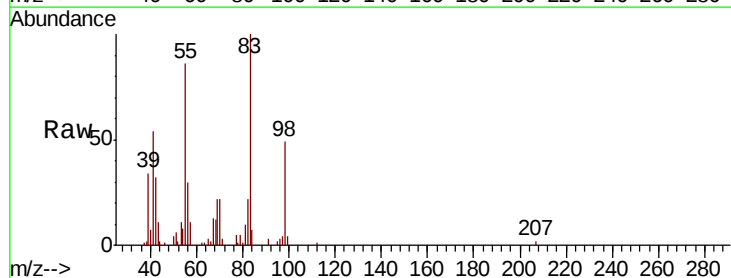
Instrument :
 MSVOA_W
 ClientSampled :
 SP-PIT-2

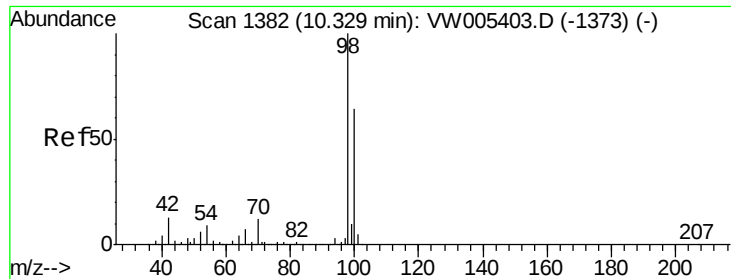
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.3	123.5
192	20.8	16.5	24.7



#39
 Methylcyclohexane
 Concen: 7.50 ug/l
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: VW005417.D
 Acq: 15 Sep 2018 06:53

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.4	66.1	99.1
98	49.4	36.7	55.1





#50

Toluene-d8

Concen: 43.05 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005417.D

Acq: 15 Sep 2018 06:53

Instrument :

MSVOA_W

ClientSampled :

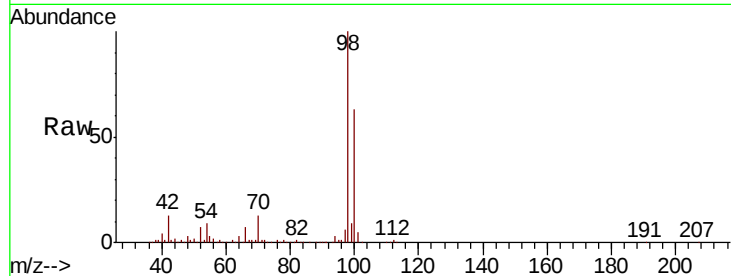
SP-PIT-2

Tot Ion: 98 Resp: 272008

Ion Ratio Lower Upper

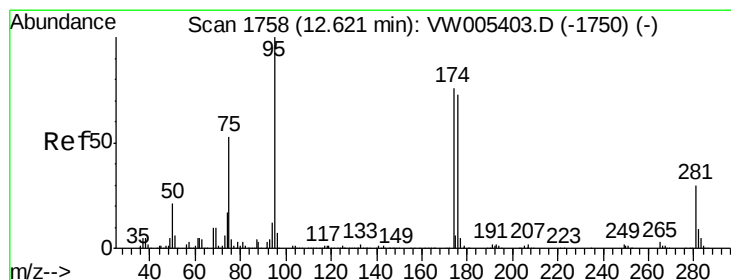
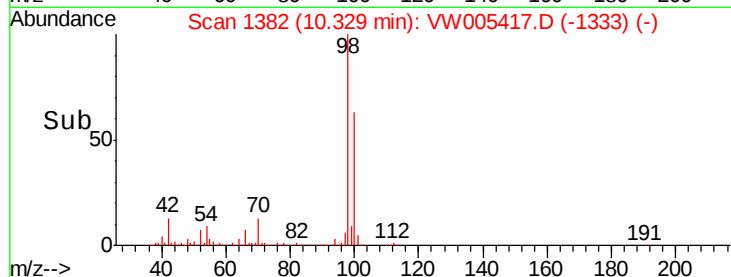
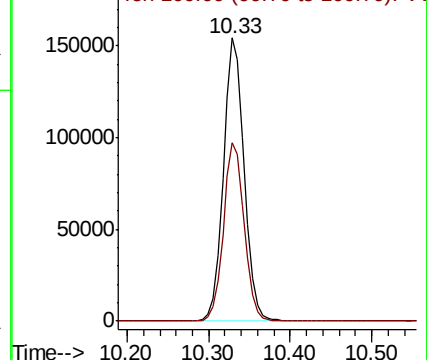
98 100

100 63.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 36.99 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005417.D

Acq: 15 Sep 2018 06:53

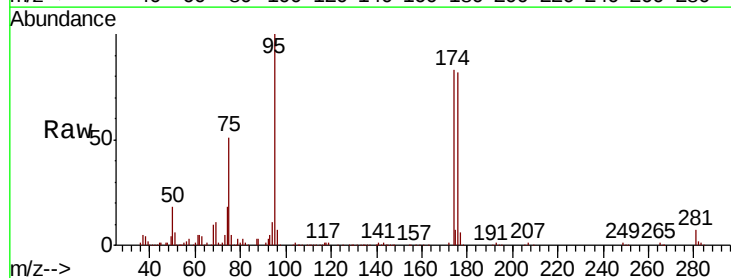
Tgt Ion: 95 Resp: 85705

Ion Ratio Lower Upper

95 100

174 84.0 0.0 161.2

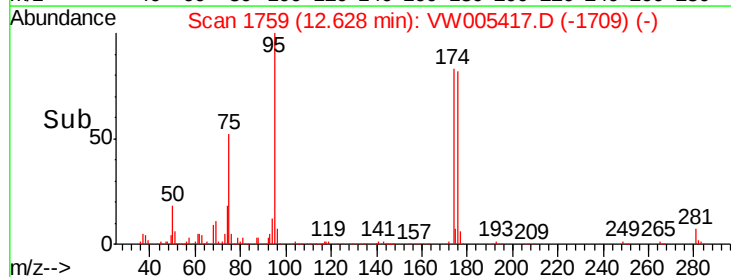
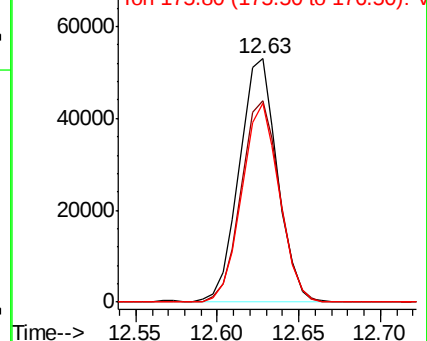
176 80.7 0.0 156.6

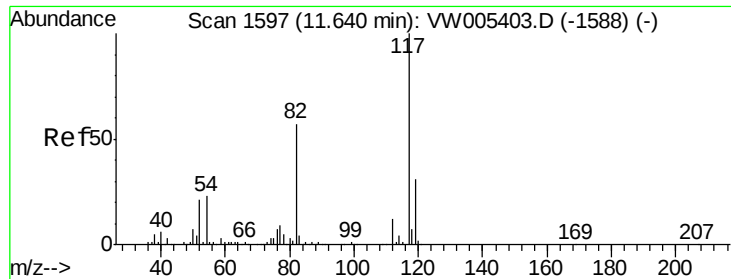


Abundance Ion 94.90 (94.60 to 95.60): VW

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# 1597

Delta R.T. 0.00 min

Lab File: VW005417.D

Acq: 15 Sep 2018 06:53

Instrument :

MSVOA_W

ClientSampleId :

SP-PIT-2

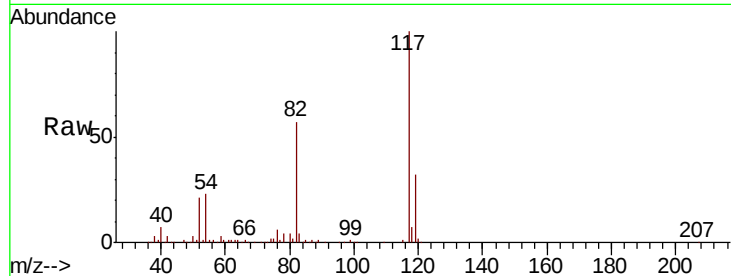
Tot Ion:117 Resp: 224512

Ion Ratio Lower Upper

117 100

82 57.3 45.9 68.9

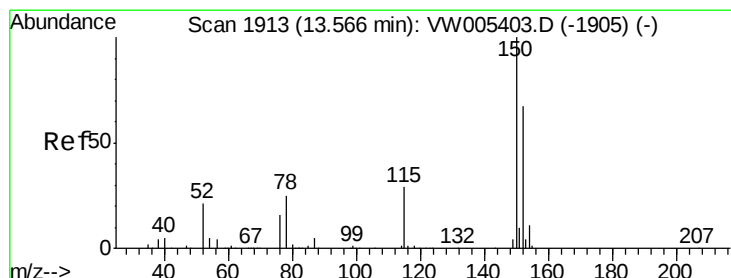
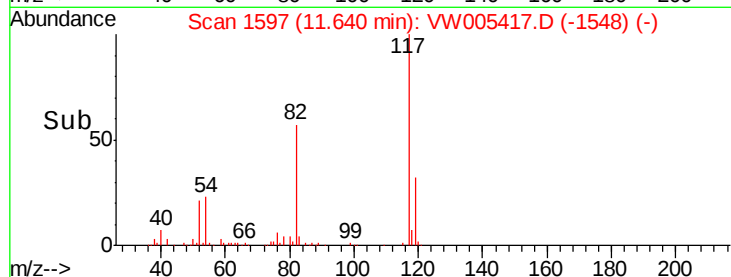
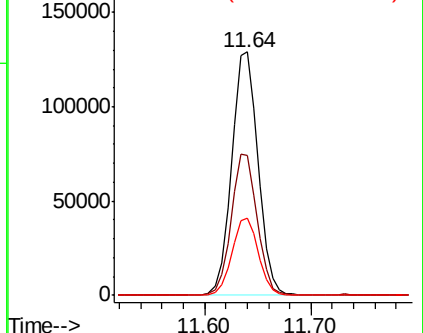
119 31.6 24.8 37.2



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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005417.D

Acq: 15 Sep 2018 06:53

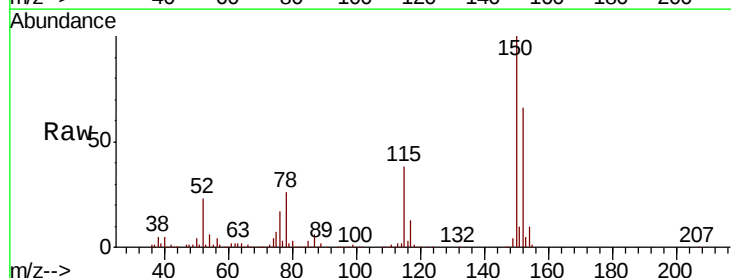
Tgt Ion:152 Resp: 94058

Ion Ratio Lower Upper

152 100

115 58.2 29.5 88.5

150 155.9 0.0 345.6



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

