

Data File : VW006182.D
Acq On : 18 Oct 2018 18:02
Operator : VA/AP
Sample : J5575-17
Misc : 5.29G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-24-B

Quant Time: Oct 19 07:15:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

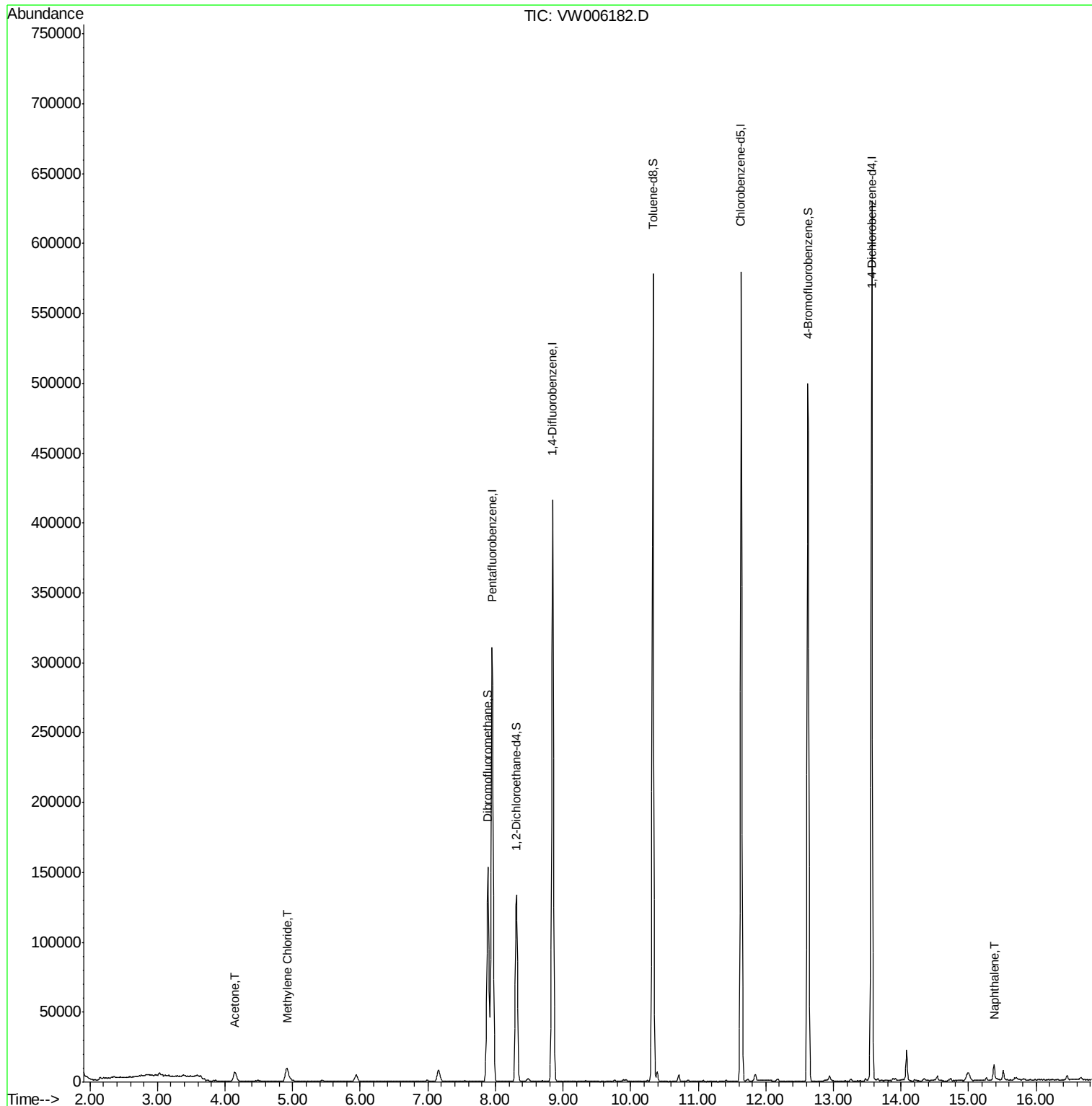
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	106784	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
35) Dibromofluoromethane	7.88	113	105926	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	10.33	98	390781	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.62	95	145625	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
Target Compounds						
16) Acetone	4.14	43	13843	21.977	ug/l	94
20) Methylene Chloride	4.92	84	7933	2.044	ug/l	97
95) Naphthalene	15.38	128	10779	1.555	ug/l	99

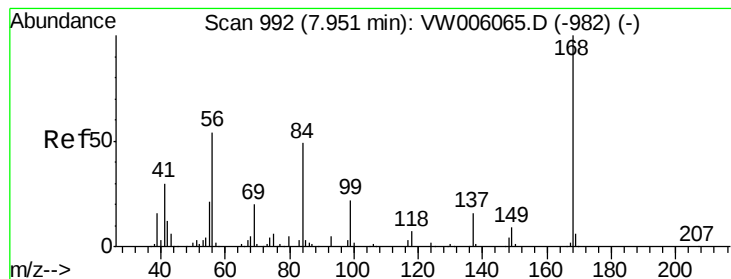
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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MSVOA_W

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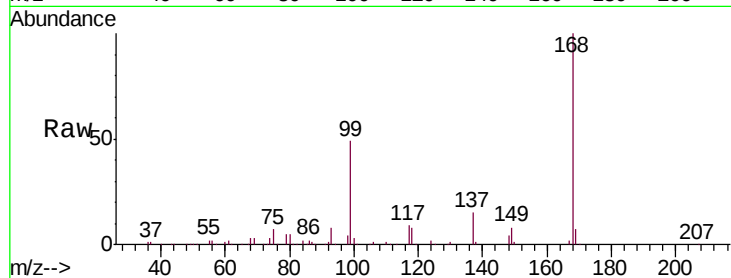
SSSI-1015-S-DH-24-B

Tgt Ion:168 Resp: 250851

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

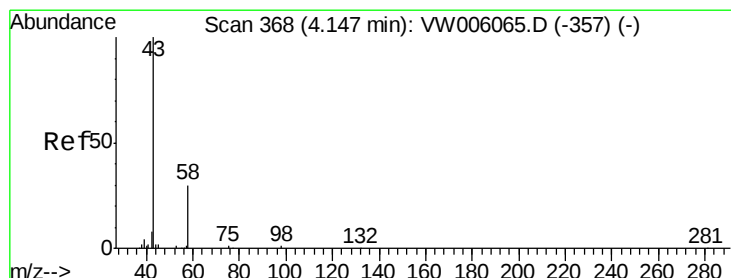
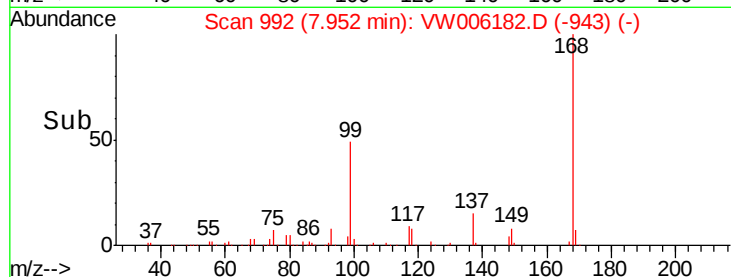
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 21.977 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006182.D

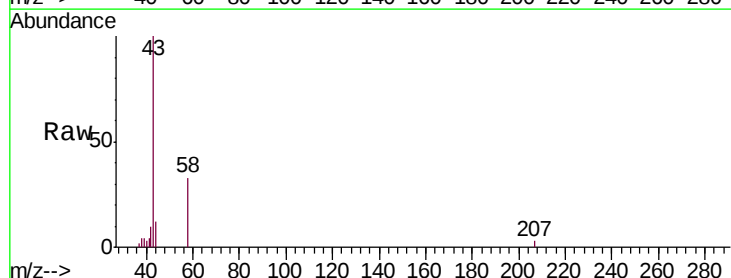
Acq: 18 Oct 2018 18:02

Tgt Ion: 43 Resp: 13843

Ion Ratio Lower Upper

43 100

58 33.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4000

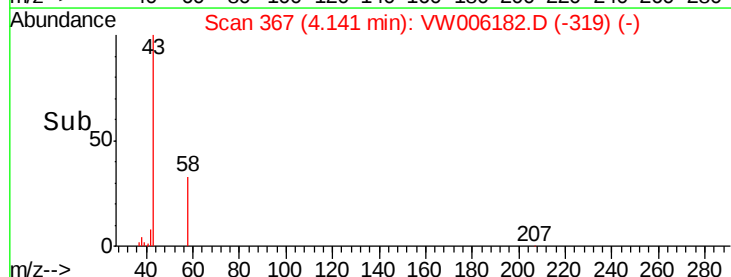
3000

2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 2.044 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-24-B

Tgt Ion: 84 Resp: 7933

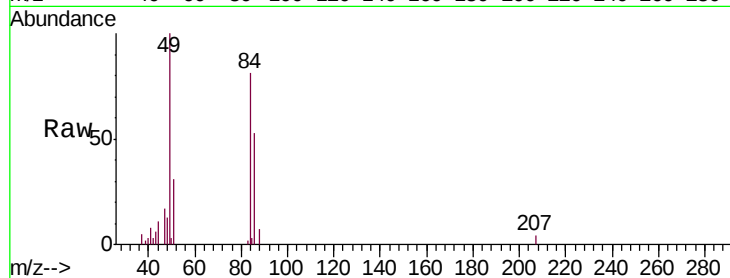
Ion Ratio Lower Upper

84 100

49 123.0 93.6 140.4

51 37.6 29.0 43.4

86 65.4 52.6 79.0



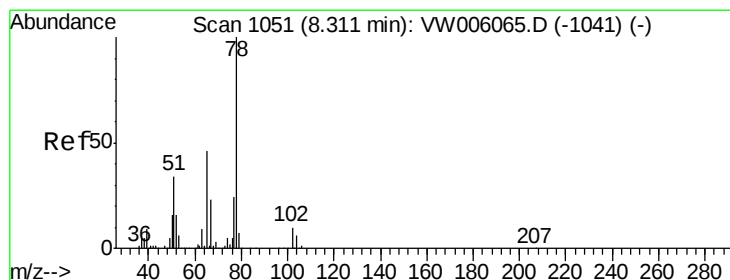
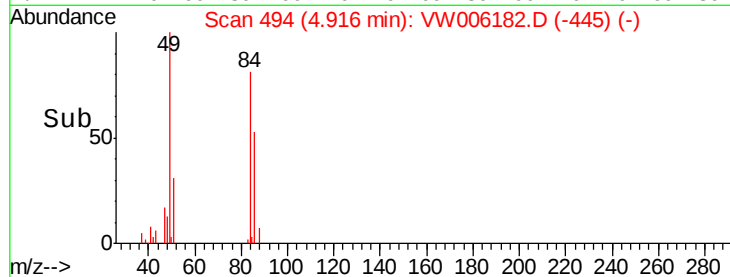
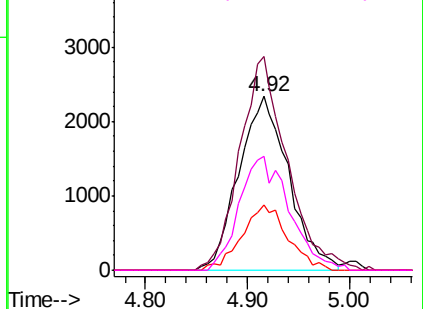
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.346 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006182.D

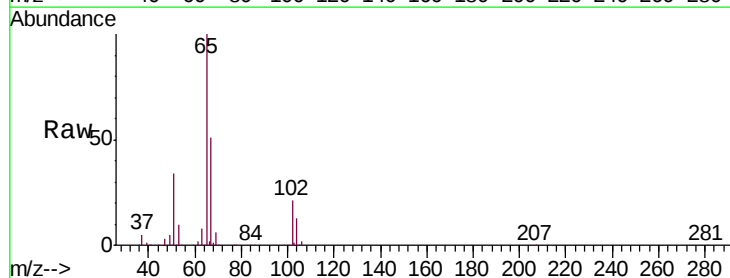
Acq: 18 Oct 2018 18:02

Tgt Ion: 65 Resp: 106784

Ion Ratio Lower Upper

65 100

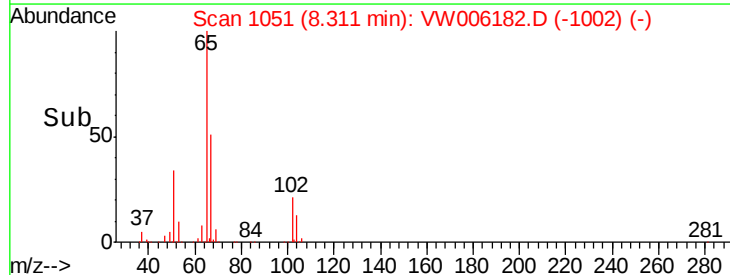
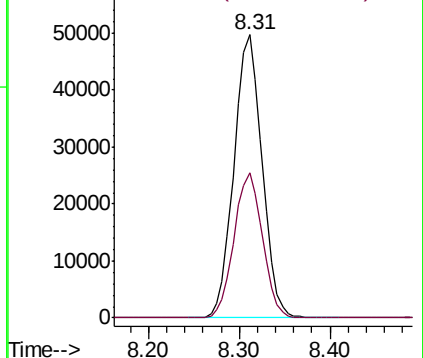
67 51.9 0.0 101.0

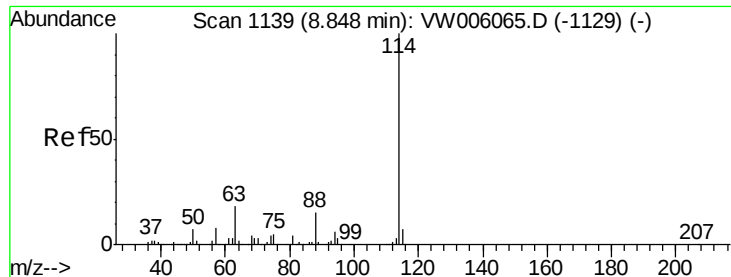


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-24-B

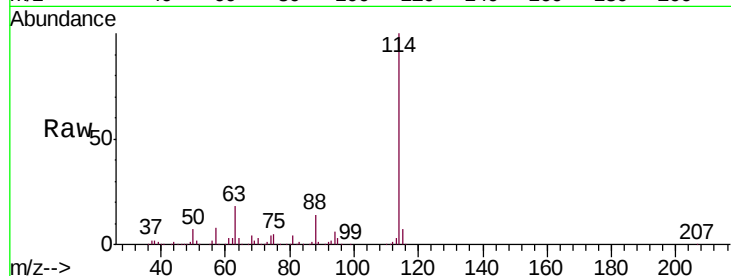
Tgt Ion:114 Resp: 365279

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

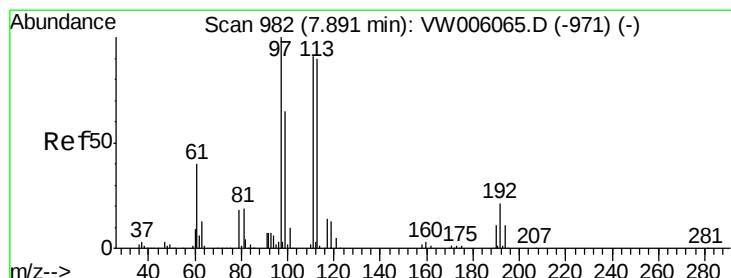
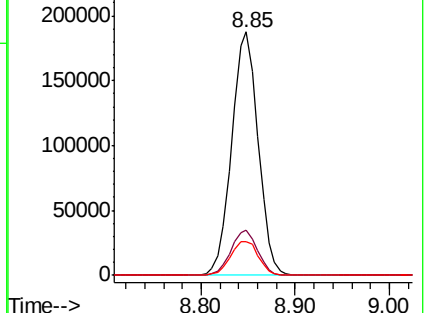
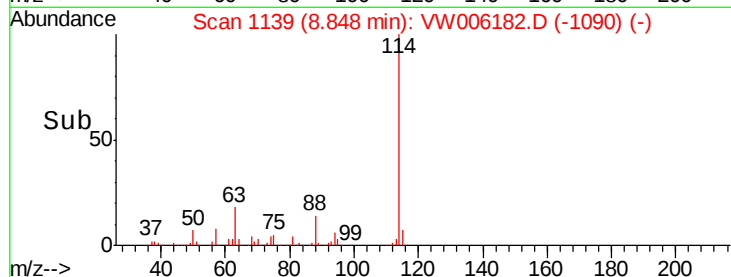
88 14.0 0.0 29.0



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: 49.076 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

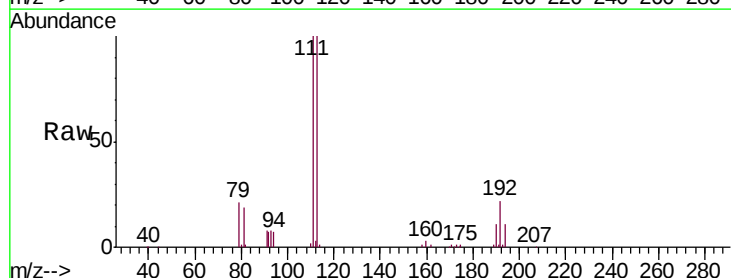
Tgt Ion:113 Resp: 105926

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

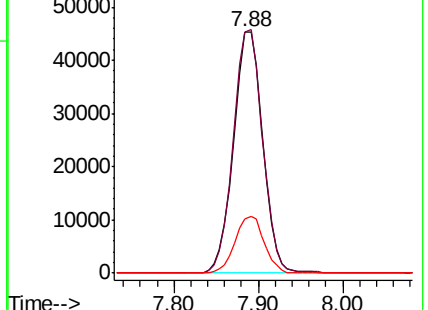
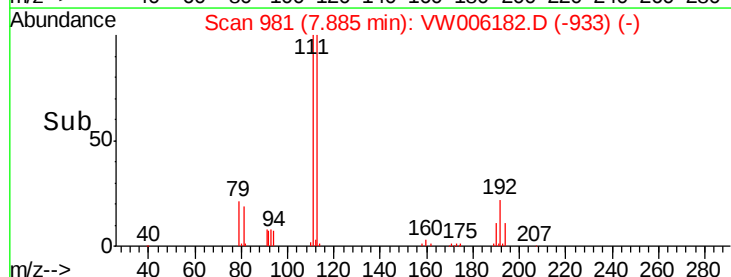
192 23.3 18.7 28.1

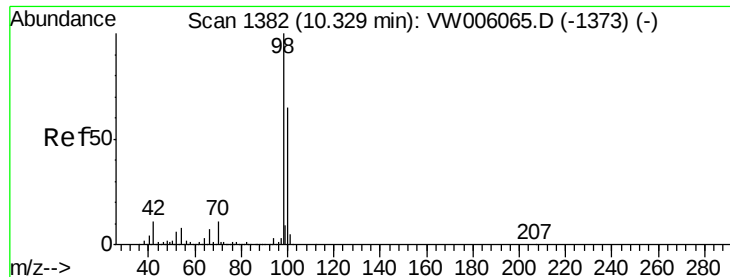


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.588 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

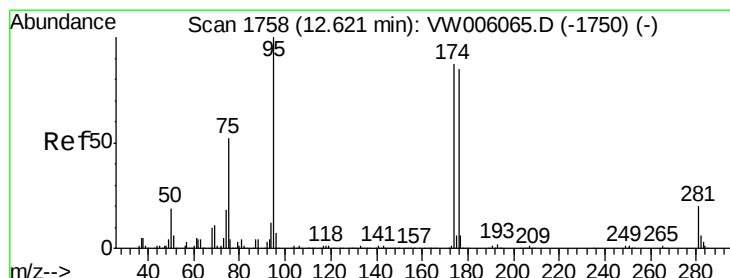
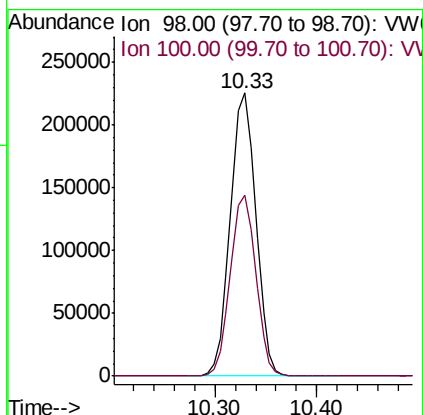
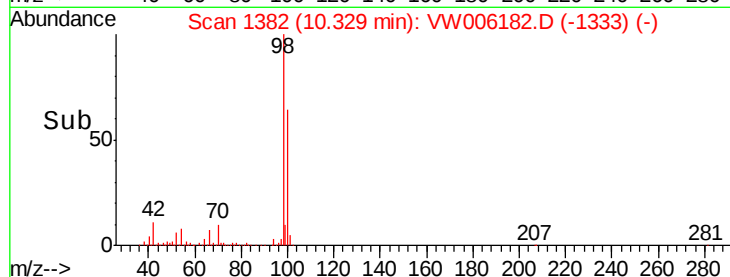
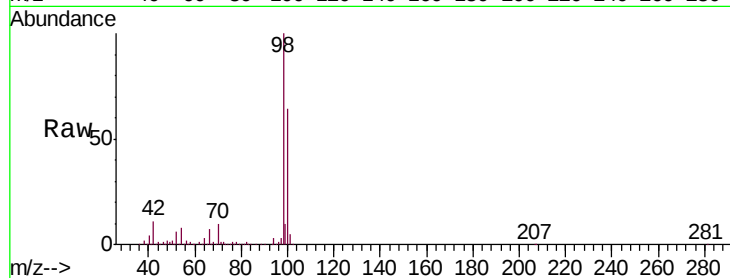
SSSI-1015-S-DH-24-B

Tgt Ion: 98 Resp: 390781

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.216 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

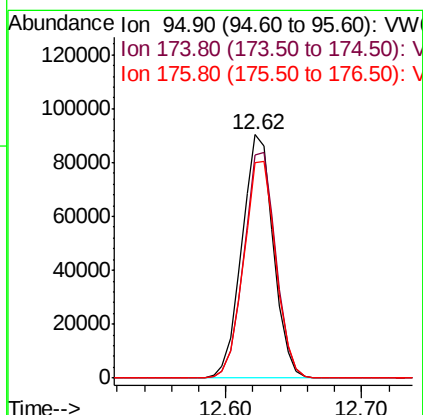
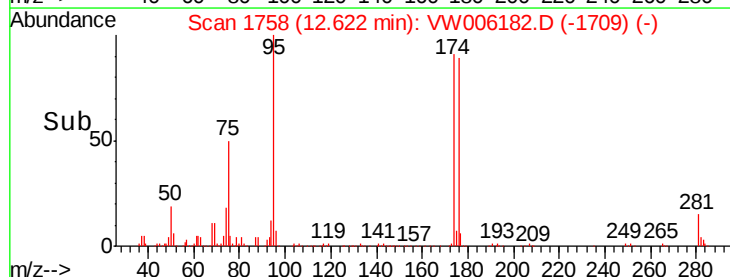
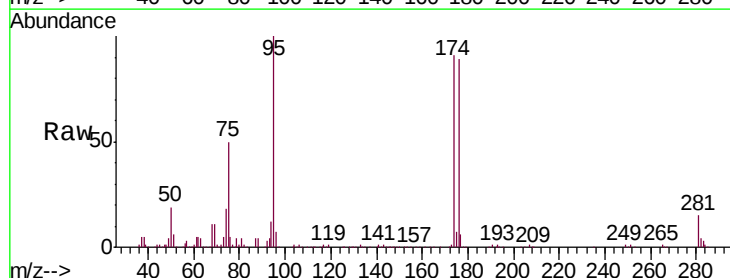
Tgt Ion: 95 Resp: 145625

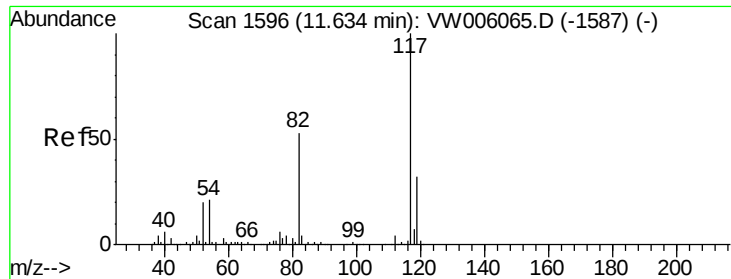
Ion Ratio Lower Upper

95 100

174 94.3 0.0 186.0

176 91.3 0.0 181.6

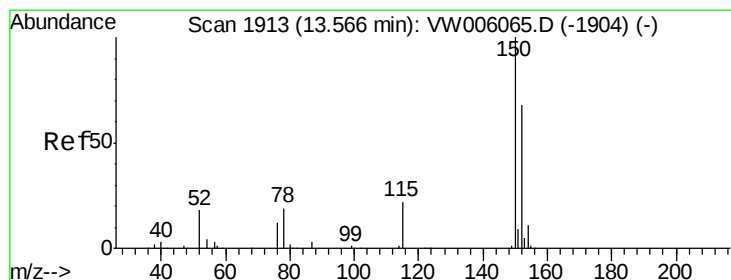
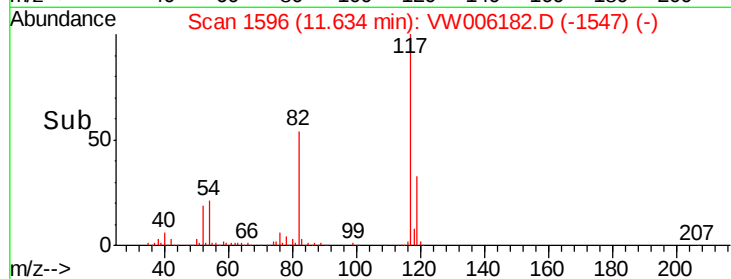
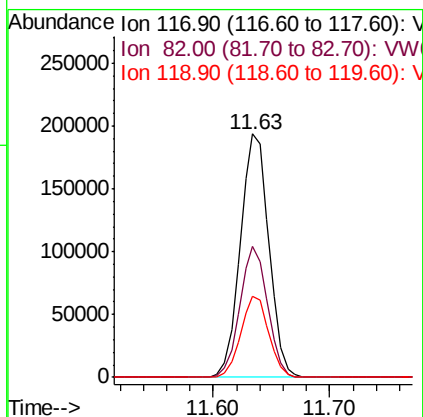
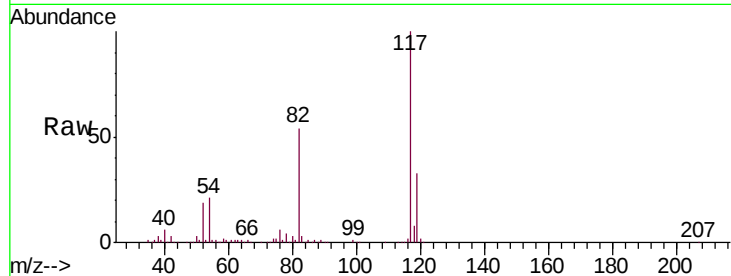




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006182.D
Acq: 18 Oct 2018 18:02

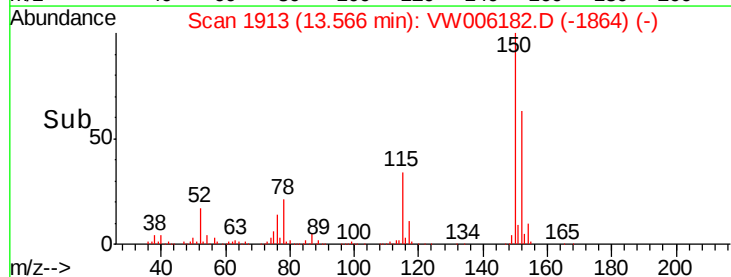
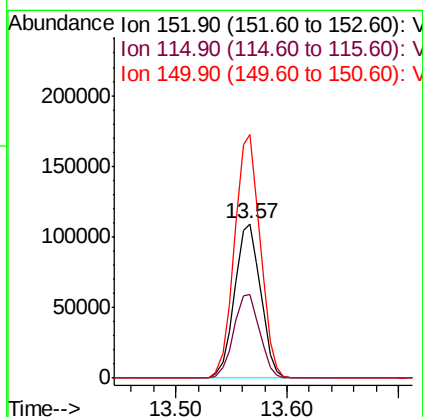
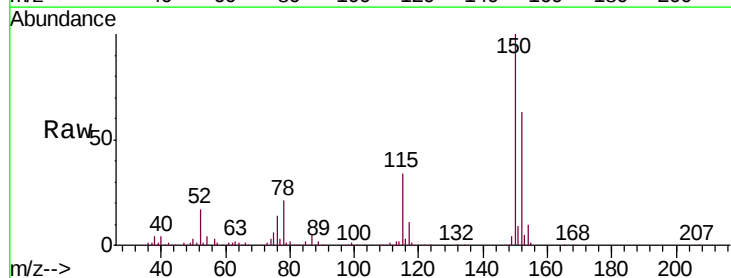
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-24-B

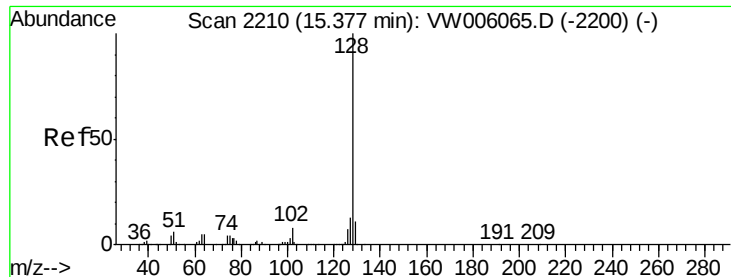
Tgt Ion:117 Resp: 330929
Ion Ratio Lower Upper
117 100
82 53.9 42.1 63.1
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006182.D
Acq: 18 Oct 2018 18:02

Tgt Ion:152 Resp: 176323
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 155.9 0.0 349.2

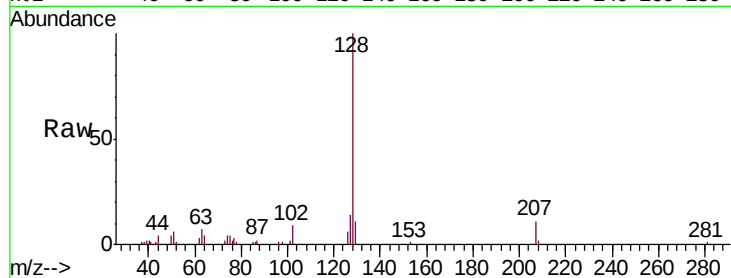




#95
Naphthalene
Concen: 1.555 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006182.D
Acq: 18 Oct 2018 18:02

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-24-B

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.9	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

