

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005587.D
 Acq On : 24 Sep 2018 16:13
 Operator : VA/AP
 Sample : J4770-01
 Misc : 7.68G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-A

Quant Time: Sep 25 07:12:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

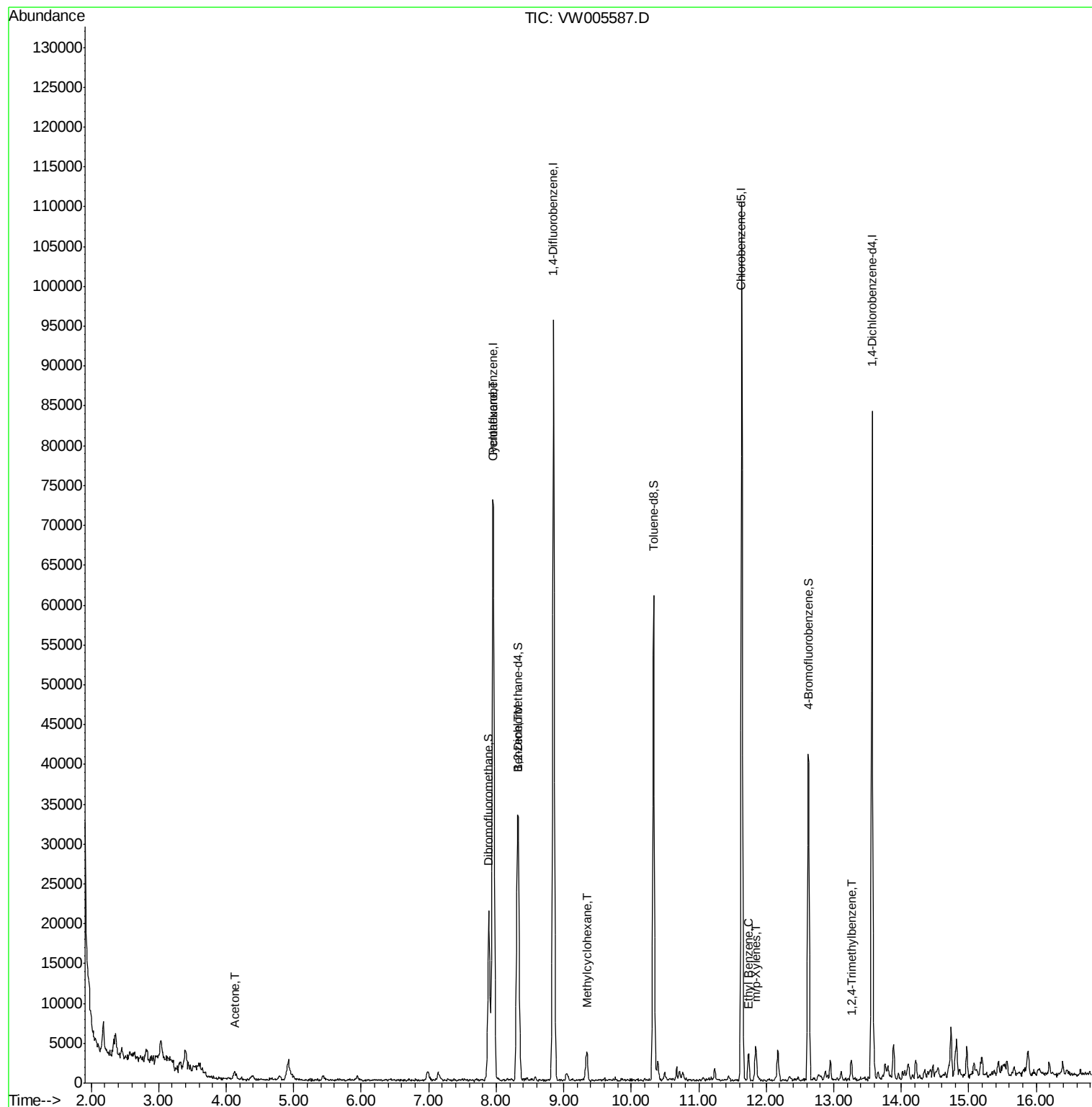
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	53164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	75482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	59336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	22045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	17683	28.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.46%	
35) Dibromofluoromethane	7.89	113	14106	29.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.44%	
50) Toluene-d8	10.33	98	38943	20.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.30%	
62) 4-Bromofluorobenzene	12.62	95	12986	18.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.32%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	1781	8.991	ug/l #	88
31) Cyclohexane	7.96	56	2102	2.165	ug/l #	53
39) Methylcyclohexane	9.34	83	1434	1.600	ug/l #	83
40) Benzene	8.33	78	19353	8.989	ug/l	94
67) Ethyl Benzene	11.73	91	2607	1.166	ug/l	98
68) m/p-Xylenes	11.84	106	1434	1.698	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1640	1.223	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092418\
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JC-02-092118-A

Quant Time: Sep 25 07:12:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005587.D

Acq: 24 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

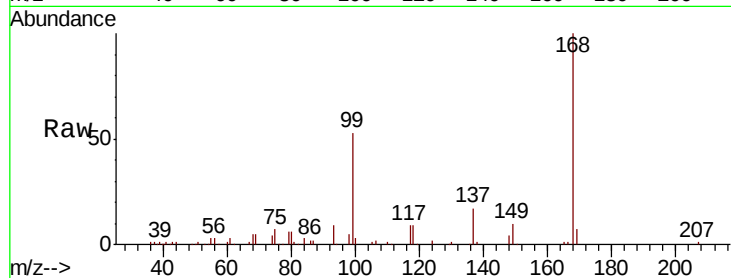
JC-02-092118-A

Tot Ion:168 Resp: 53164

Ion Ratio Lower Upper

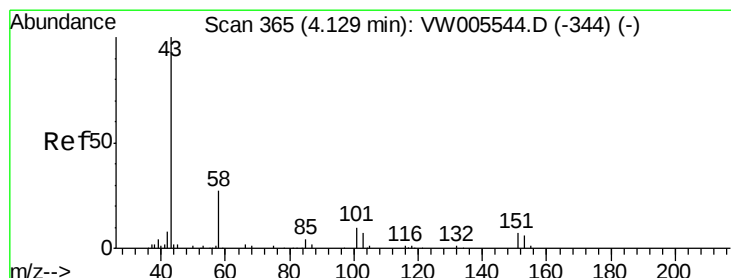
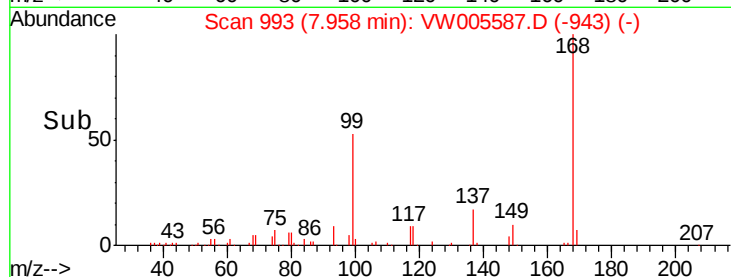
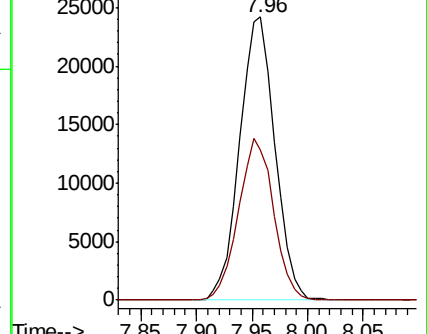
168 100

99 53.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 8.991 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005587.D

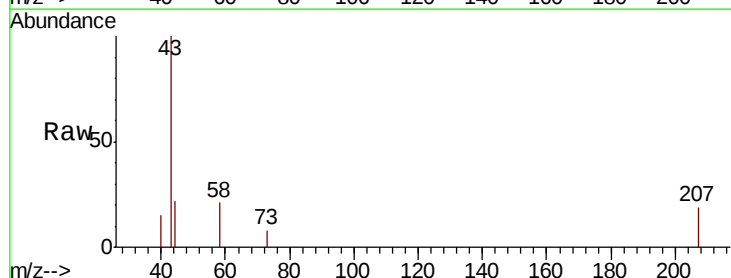
Acq: 24 Sep 2018 16:13

Tgt Ion: 43 Resp: 1781

Ion Ratio Lower Upper

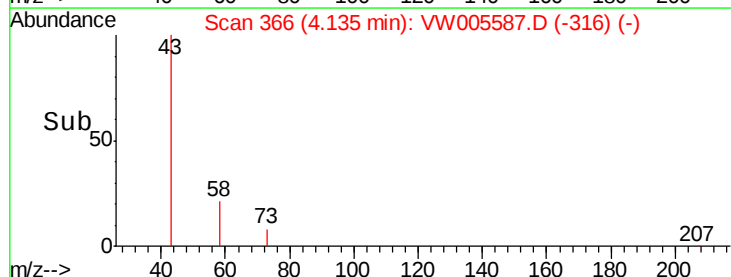
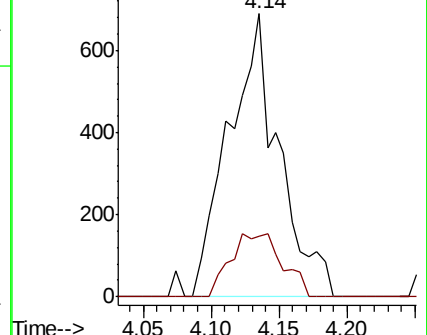
43 100

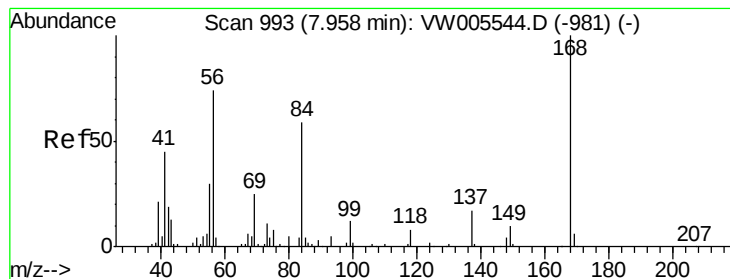
58 21.2 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#31

Cyclohexane

Concen: 2.165 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW005587.D

Acq: 24 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-A

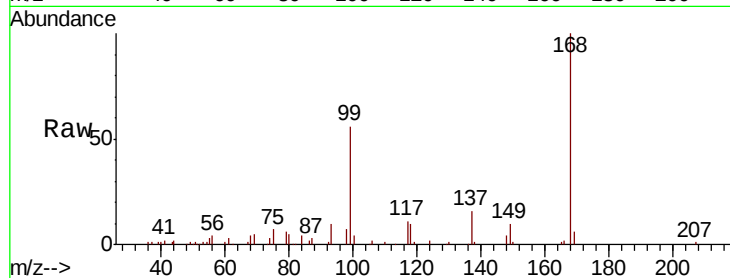
Tot Ion: 56 Resp: 2102

Ion Ratio Lower Upper

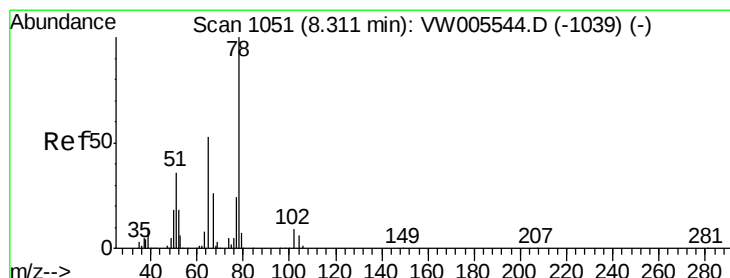
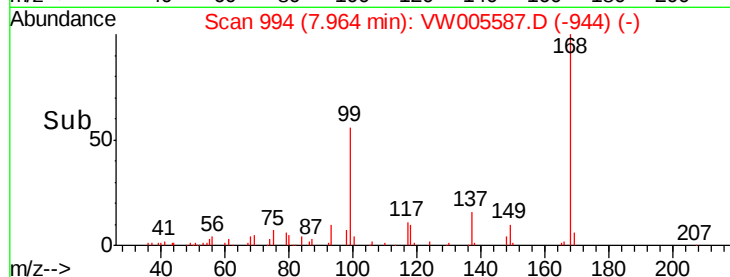
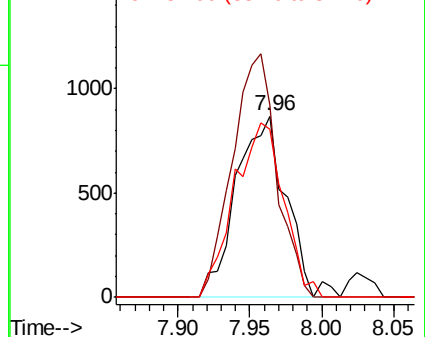
56 100

69 105.9 27.0 40.4#

84 92.5 64.2 96.4



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 28.234 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005587.D

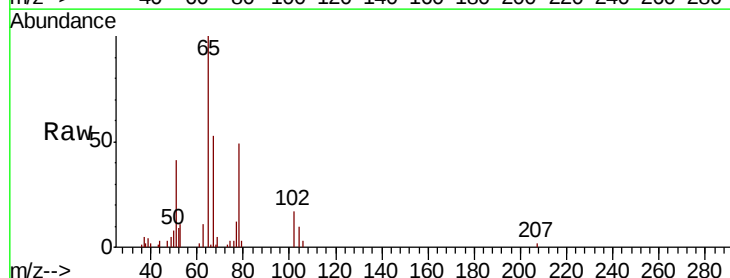
Acq: 24 Sep 2018 16:13

Tgt Ion: 65 Resp: 17683

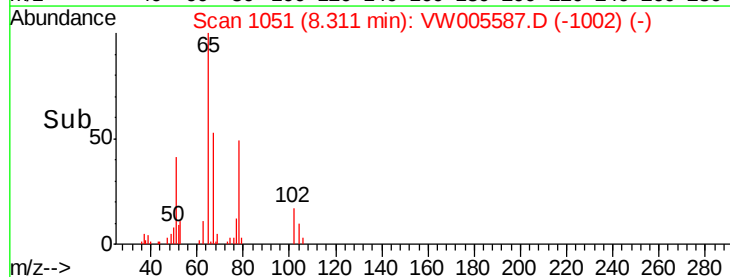
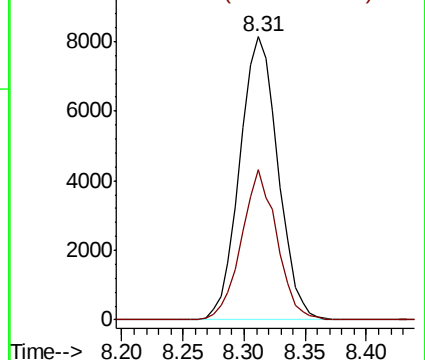
Ion Ratio Lower Upper

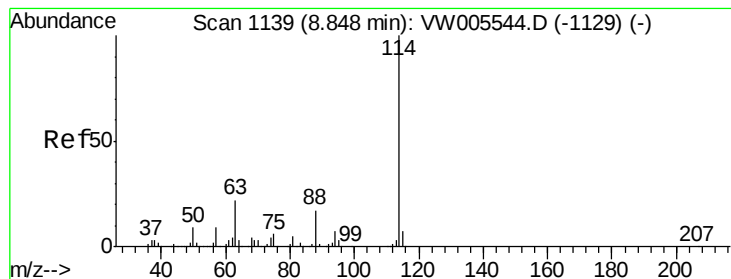
65 100

67 49.3 0.0 100.6



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: VW005587.D

Acq: 24 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-A

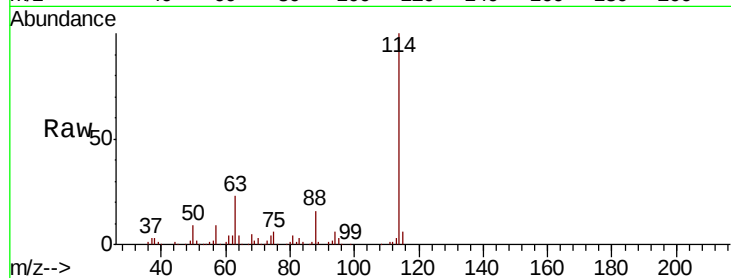
Tot Ion:114 Resp: 75482

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.0

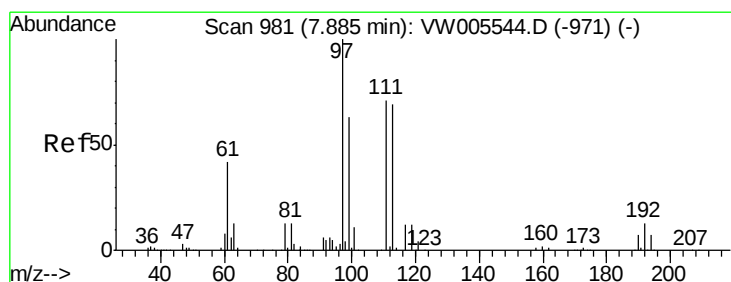
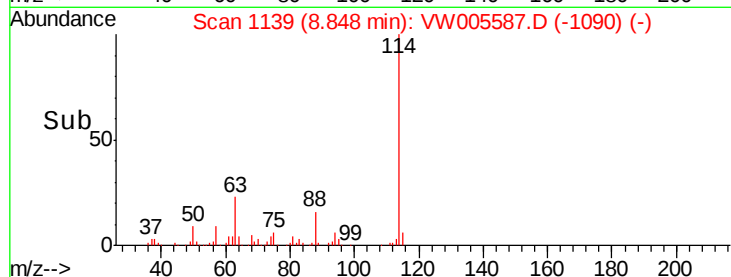
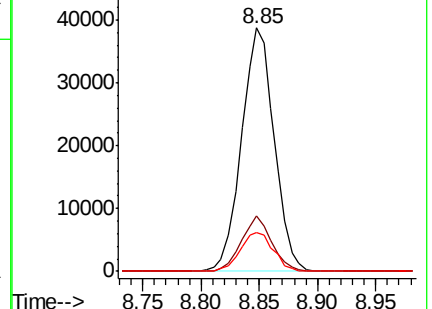
88 15.9 0.0 33.0



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: 29.717 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005587.D

Acq: 24 Sep 2018 16:13

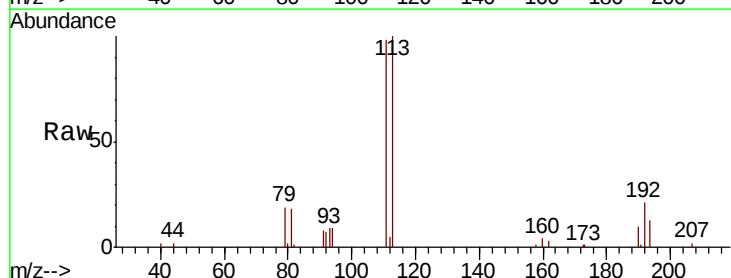
Tgt Ion:113 Resp: 14106

Ion Ratio Lower Upper

113 100

111 106.0 82.6 123.8

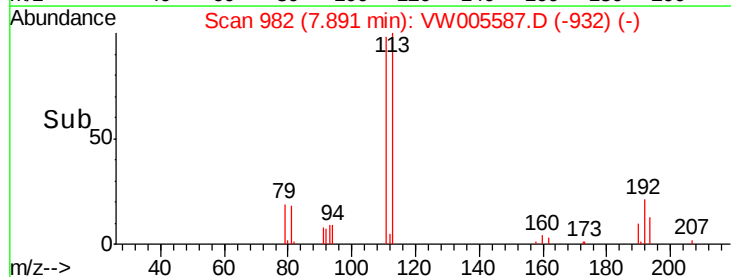
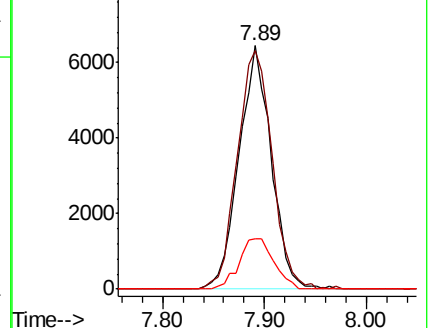
192 22.3 17.0 25.4

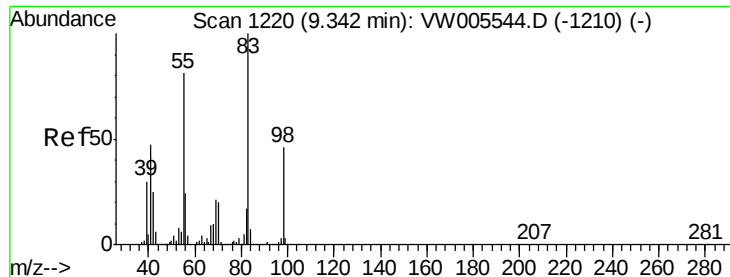


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methvlcvclohexane

Concen: 1.600 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005587.D

Acq: 24 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-A

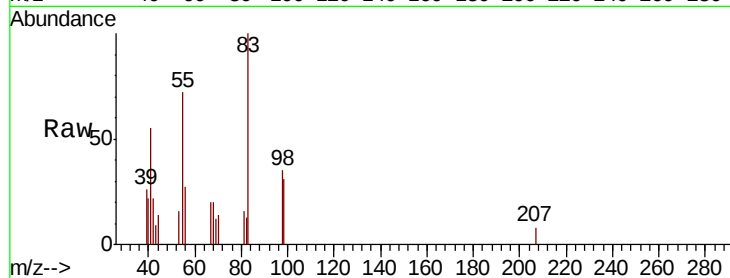
Tot Ion: 83 Resp: 1434

Ion Ratio Lower Upper

83 100

55 72.0 64.6 97.0

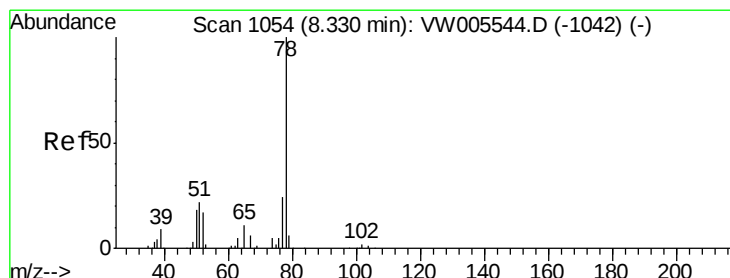
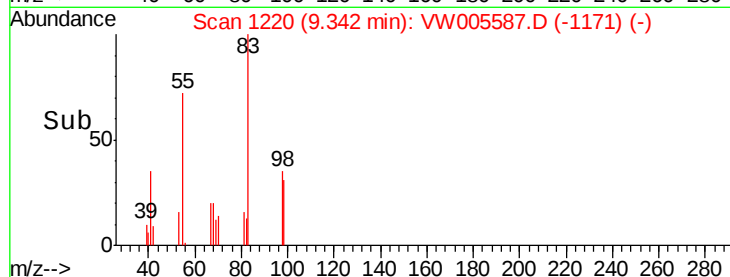
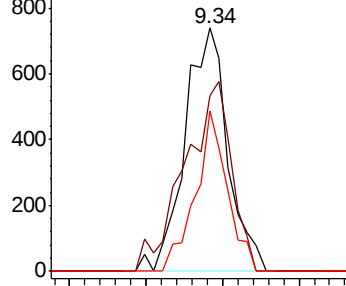
98 66.2 37.0 55.6#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 8.989 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005587.D

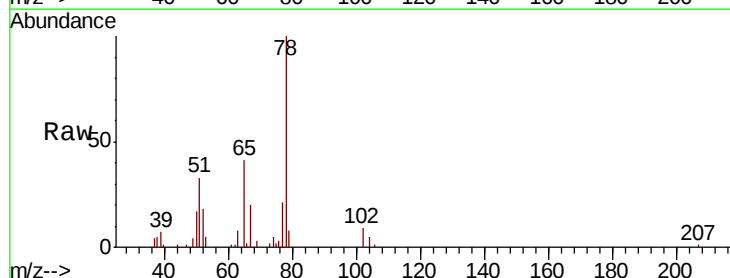
Acq: 24 Sep 2018 16:13

Tgt Ion: 78 Resp: 19353

Ion Ratio Lower Upper

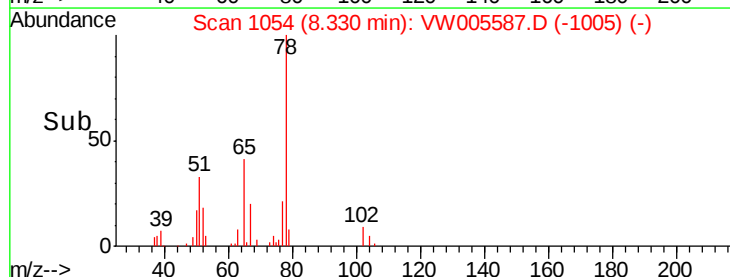
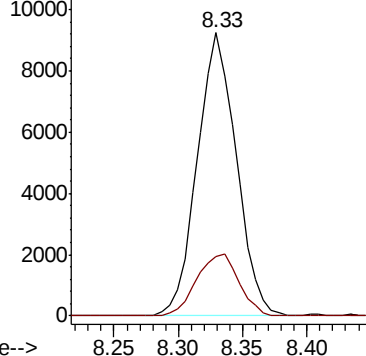
78 100

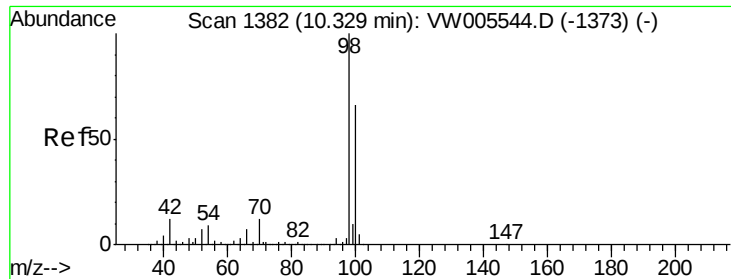
77 20.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 20.149 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005587.D

Acq: 24 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

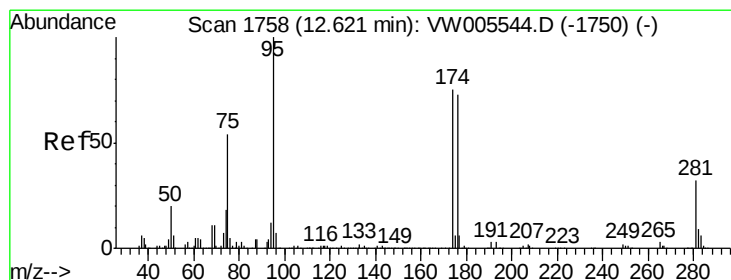
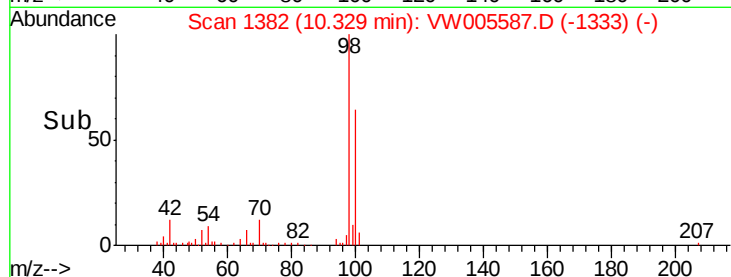
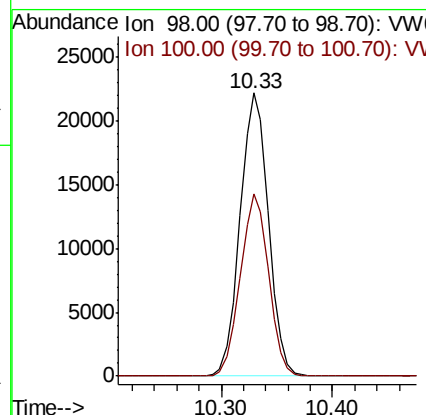
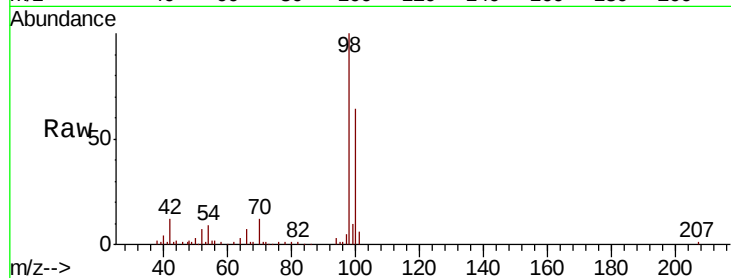
JC-02-092118-A

Tot Ion: 98 Resp: 38943

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 18.158 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005587.D

Acq: 24 Sep 2018 16:13

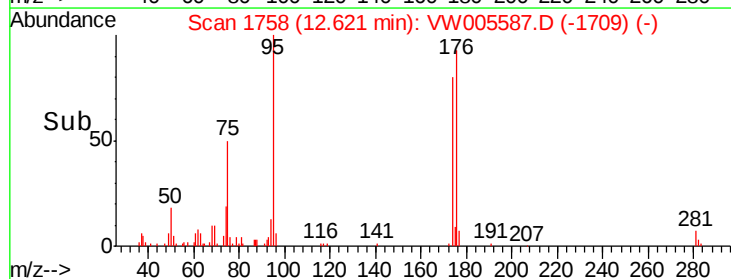
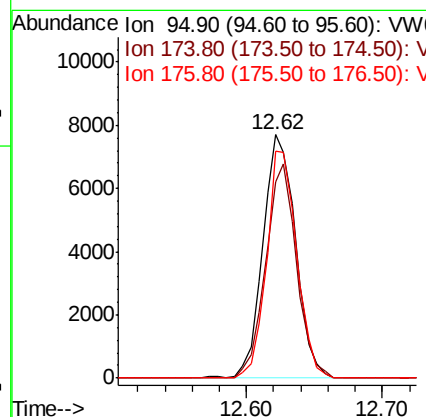
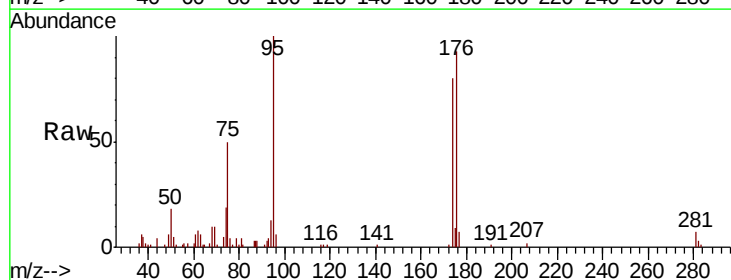
Tgt Ion: 95 Resp: 12986

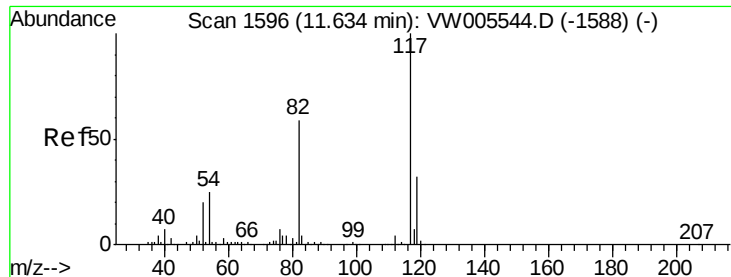
Ion Ratio Lower Upper

95 100

174 83.3 0.0 163.8

176 86.3 0.0 158.0

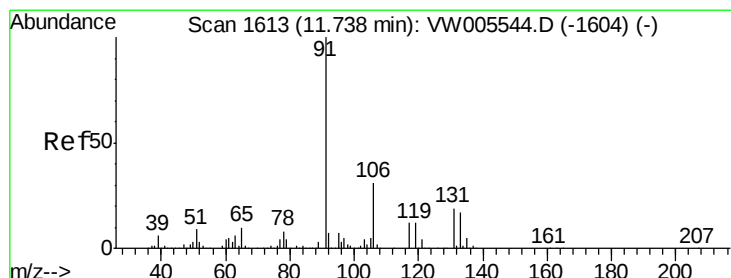
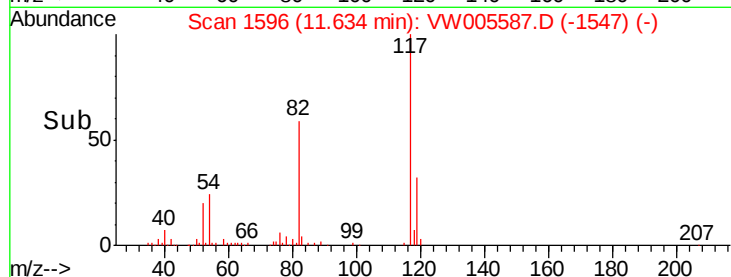
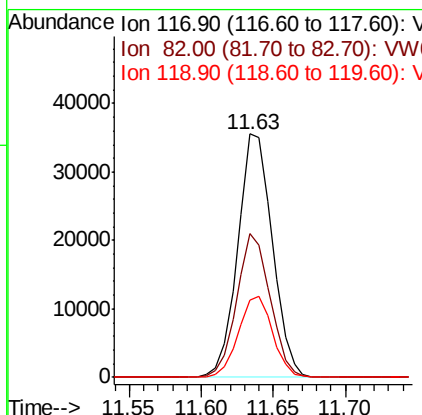
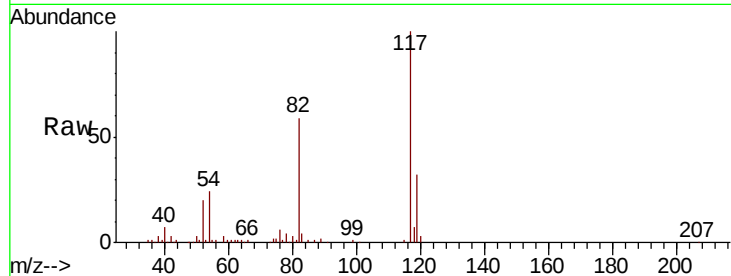




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005587.D
Acq: 24 Sep 2018 16:13

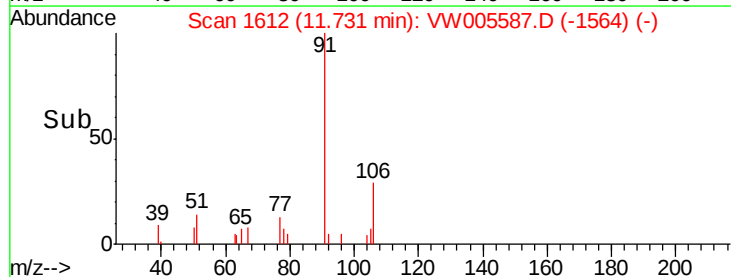
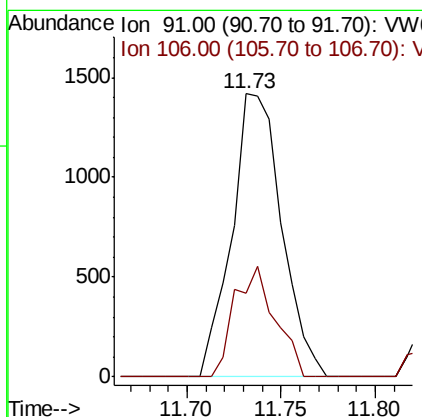
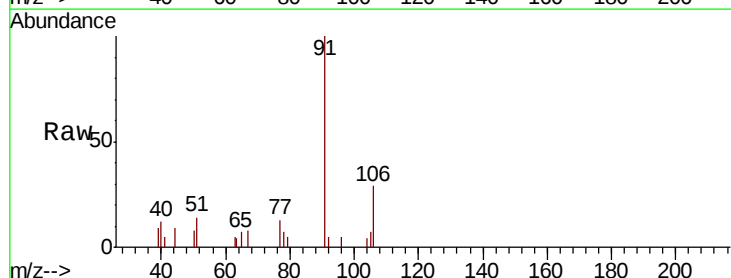
Instrument :
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JC-02-092118-A

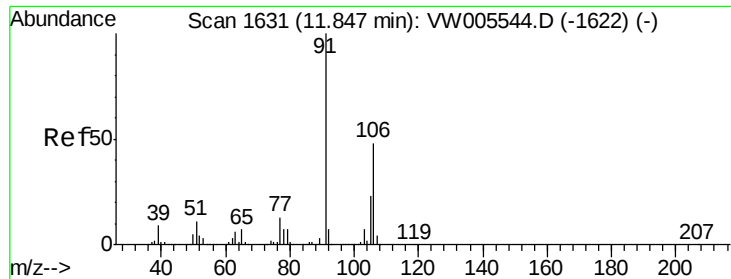
Tot Ion:117 Resp: 59336
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 31.8 25.7 38.5



#67
Ethyl Benzene
Concen: 1.166 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005587.D
Acq: 24 Sep 2018 16:13

Tgt Ion: 91 Resp: 2607
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6

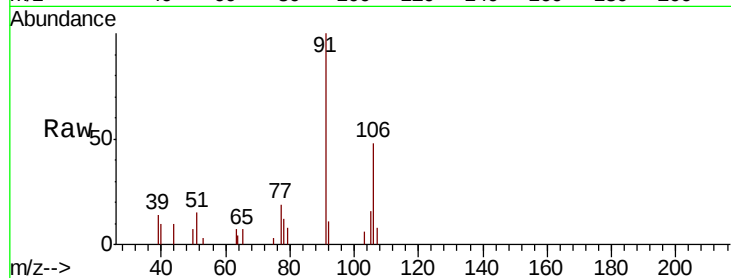




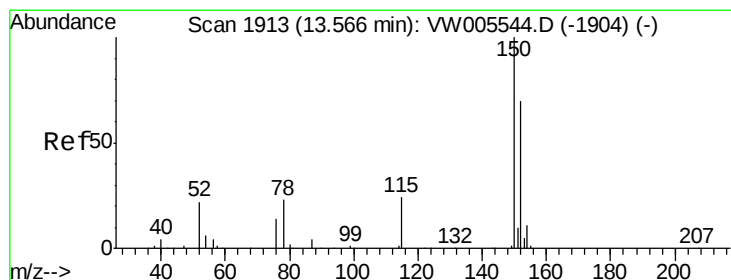
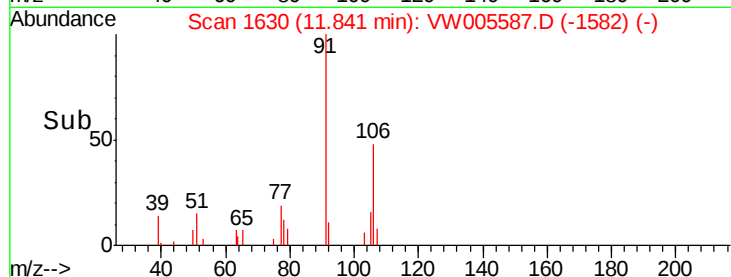
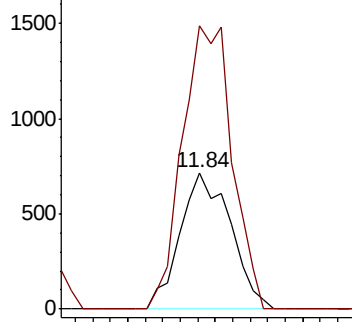
#68
m/p-Xvlenes
Concen: 1.698 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005587.D
Acq: 24 Sep 2018 16:13

Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-A

Tot Ion:106 Resp: 1434
Ion Ratio Lower Upper
106 100
91 205.4 167.8 251.8

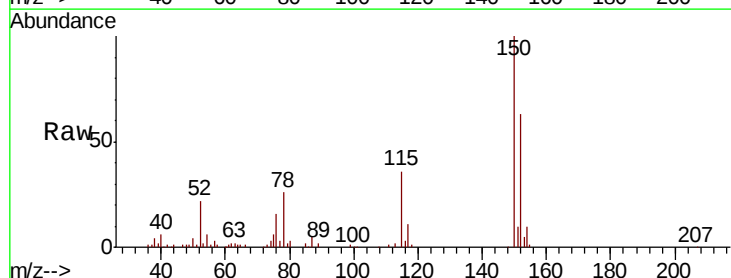


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

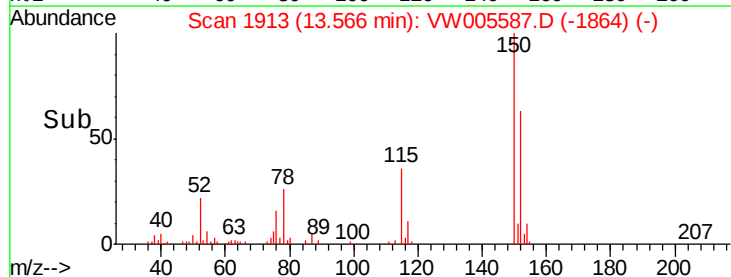
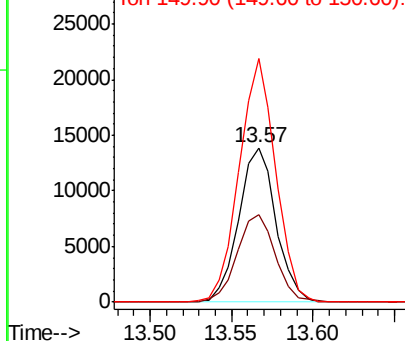


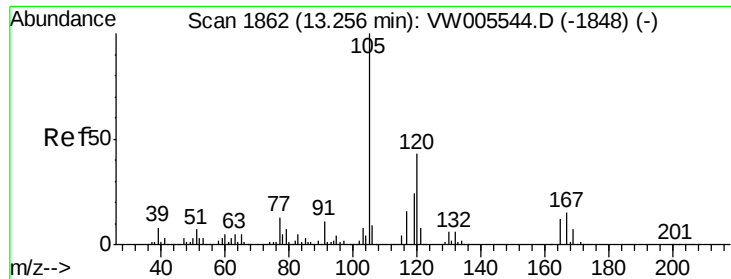
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005587.D
Acq: 24 Sep 2018 16:13

Tgt Ion:152 Resp: 22045
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.0
150 154.1 0.0 348.6



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





#84
 1,2,4-Trimethylbenzene
 Concen: 1.223 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005587.D
 Acq: 24 Sep 2018 16:13

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-A

Tot Ion:105 Resp: 1640
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.5 64.5

