

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008525.D
 Acq On : 06 Feb 2019 14:07
 Operator : SY/VA
 Sample : K1338-03
 Misc : 8.53G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-06-020519-B

Quant Time: Feb 07 02:50:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

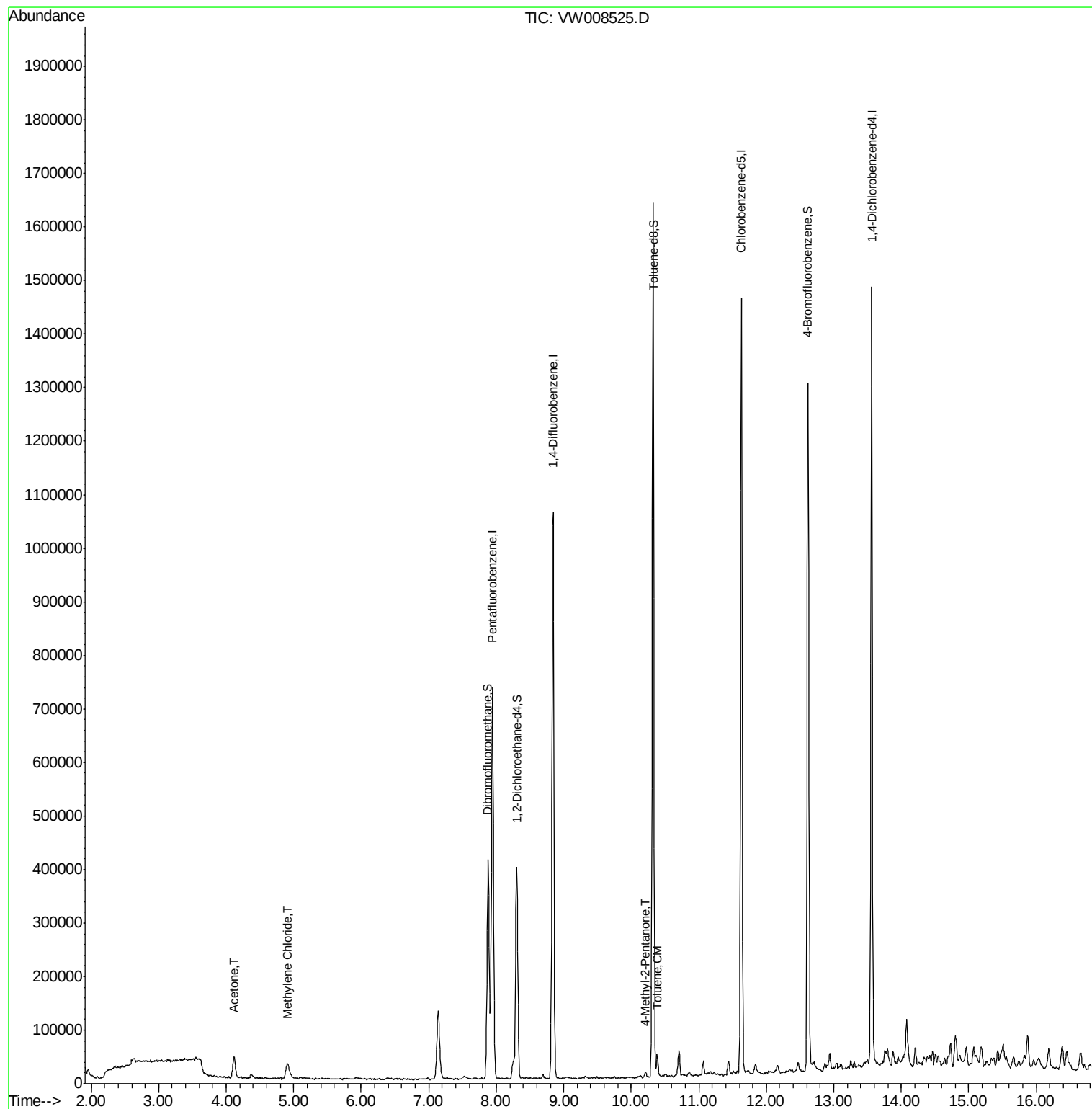
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	565995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	906252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	821927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	372929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	301501	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
35) Dibromofluoromethane	7.88	113	285909	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
50) Toluene-d8	10.32	98	1069215	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	392090	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
Target Compounds						
16) Acetone	4.12	43	68432	54.804	ug/l	96
20) Methylene Chloride	4.90	84	26415	4.590	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	8161	2.099	ug/l	90
52) Toluene	10.38	92	16272	1.038	ug/l	96

(#) = 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# 991

Delta R.T. 0.00 min

Lab File: VW008525.D

Acq: 06 Feb 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

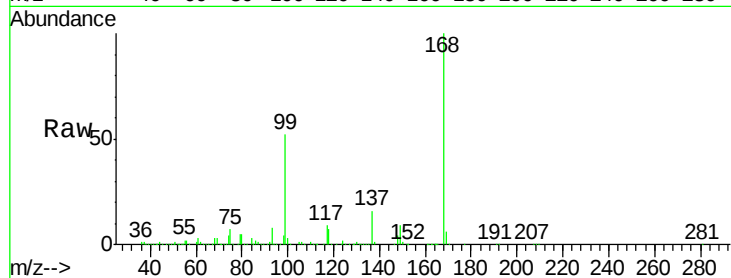
AU-06-020519-B

Tot Ion:168 Resp: 565995

Ion Ratio Lower Upper

168 100

99 51.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

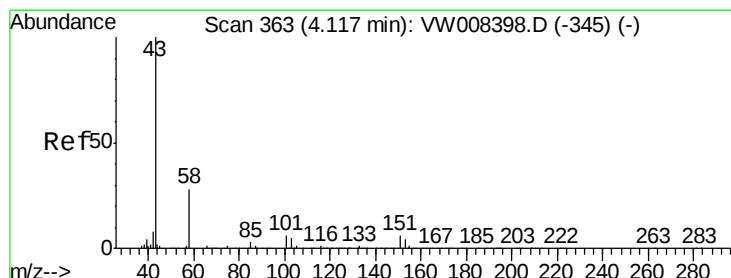
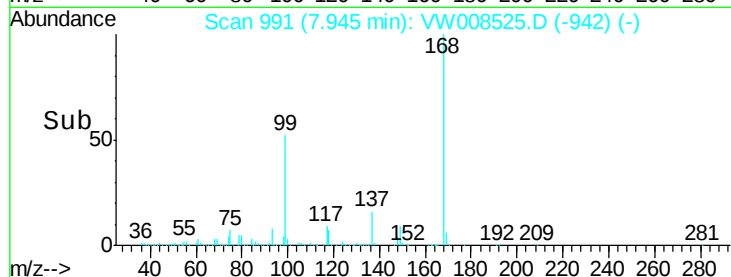
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 54.804 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008525.D

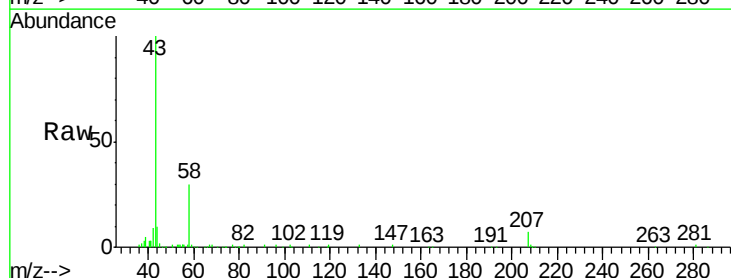
Acq: 06 Feb 2019 14:07

Tgt Ion: 43 Resp: 68432

Ion Ratio Lower Upper

43 100

58 30.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

25000

20000

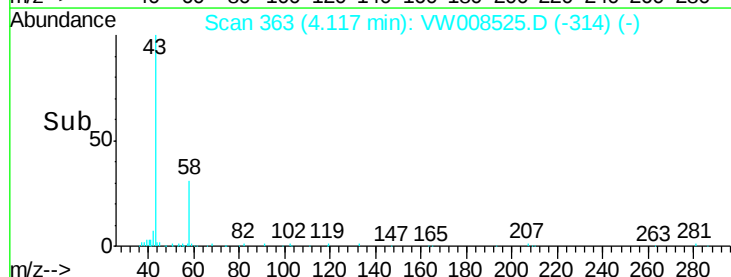
15000

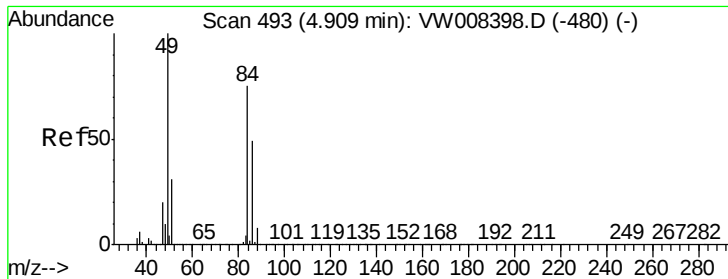
10000

5000

0

Time--> 4.00 4.10 4.20

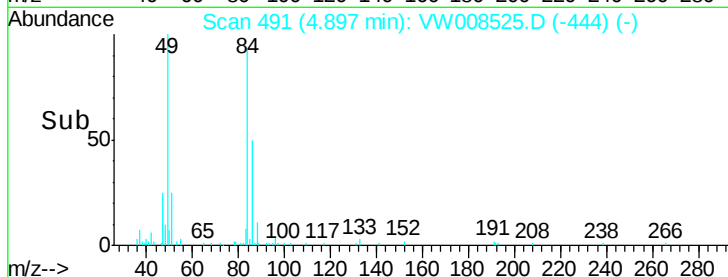
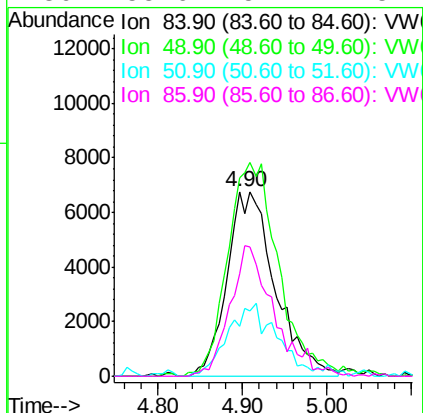
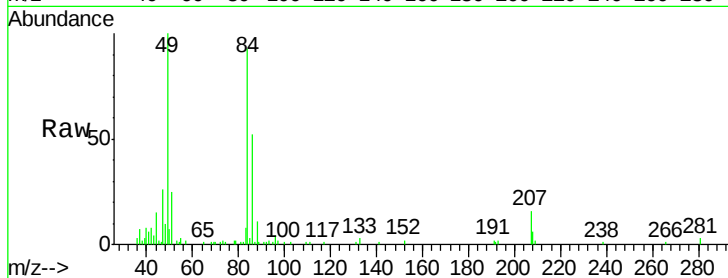




#20
Methvlene Chloride
Concen: 4.590 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008525.D
Acq: 06 Feb 2019 14:07

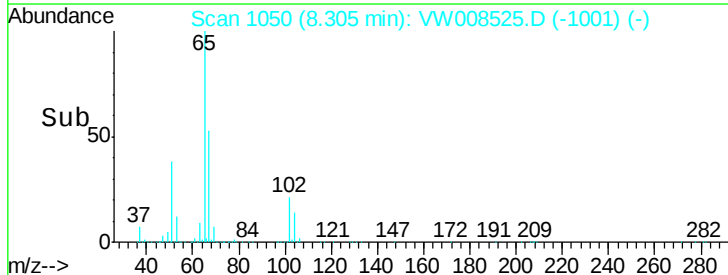
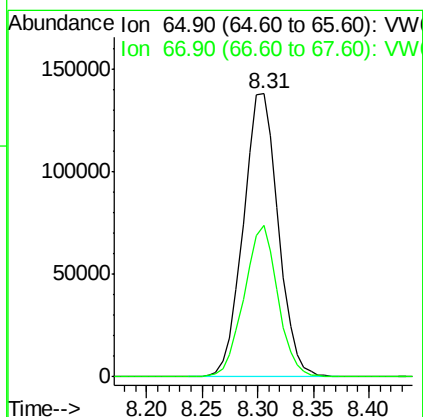
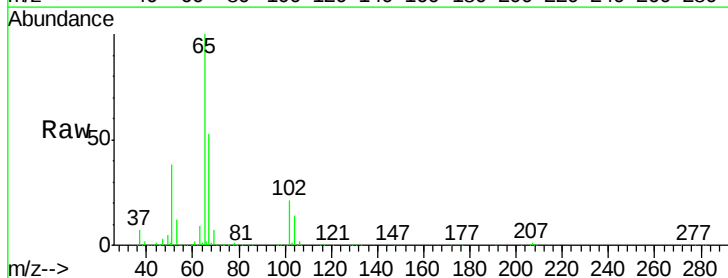
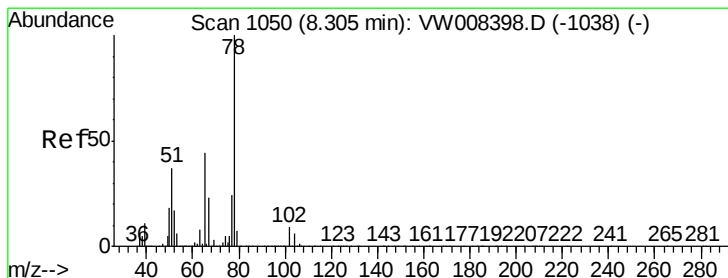
Instrument :
MSVOA_W
ClientSampleId :
AU-06-020519-B

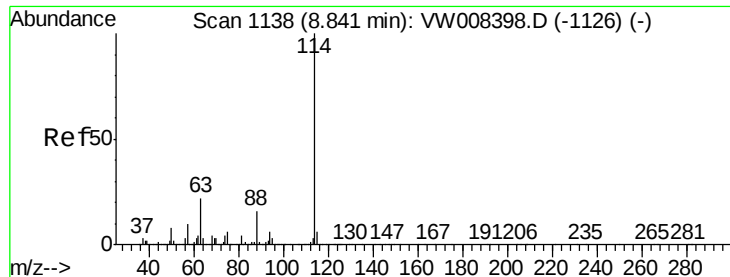
Tot Ion: 84 Resp: 26415
Ion Ratio Lower Upper
84 100
49 105.4 106.8 160.2#
51 27.1 32.9 49.3#
86 55.6 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 54.223 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008525.D
Acq: 06 Feb 2019 14:07

Tgt Ion: 65 Resp: 301501
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008525.D

Acq: 06 Feb 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

AU-06-020519-B

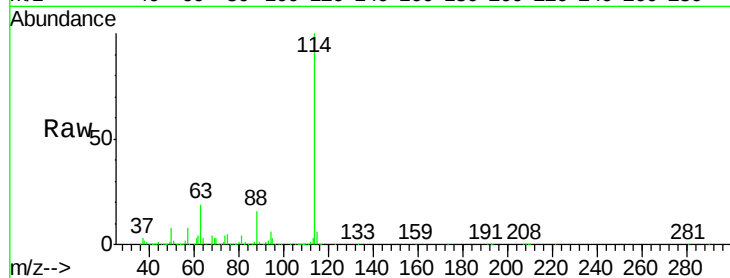
Tot Ion:114 Resp: 906252

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.6

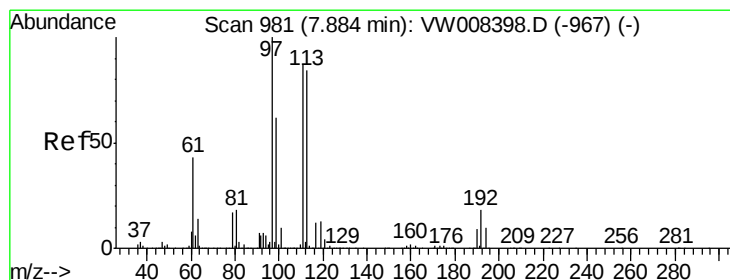
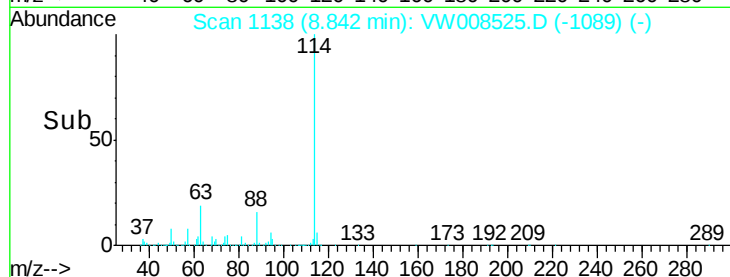
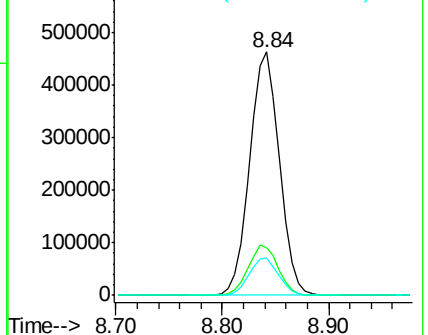
88 15.6 0.0 31.8



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: 53.954 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008525.D

Acq: 06 Feb 2019 14:07

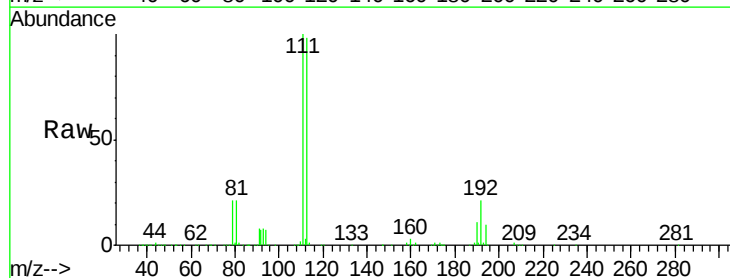
Tgt Ion:113 Resp: 285909

Ion Ratio Lower Upper

113 100

111 103.1 81.0 121.4

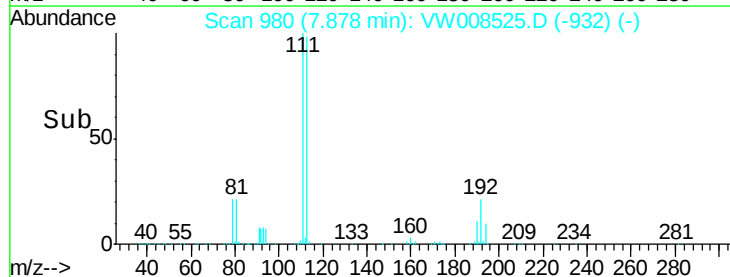
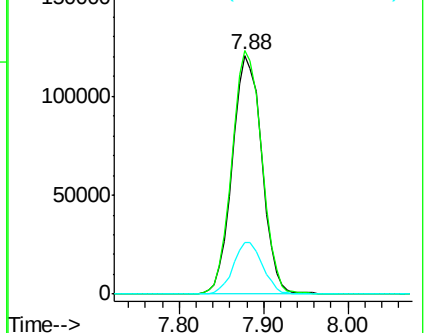
192 21.6 16.8 25.2

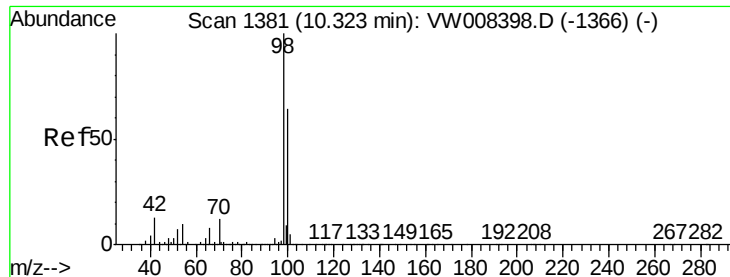


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.316 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008525.D

Acq: 06 Feb 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

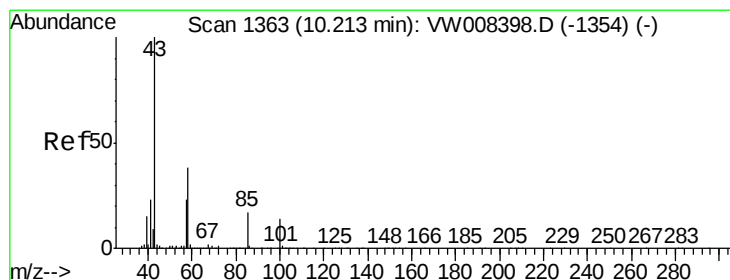
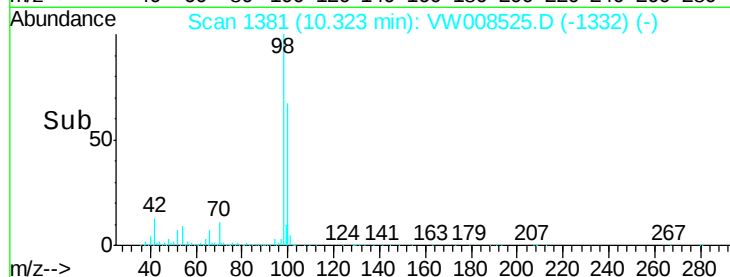
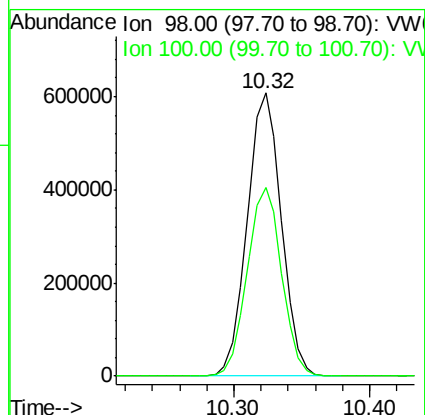
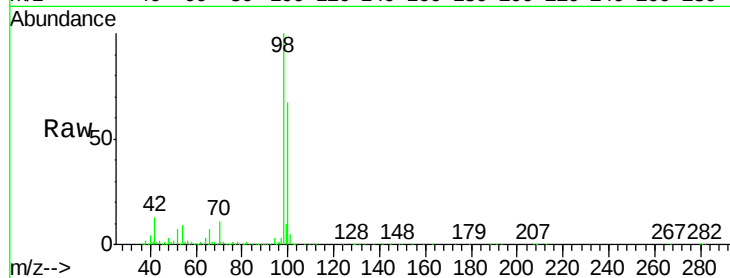
AU-06-020519-B

Tot Ion: 98 Resp: 1069215

Ion Ratio Lower Upper

98 100

100 67.2 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 2.099 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008525.D

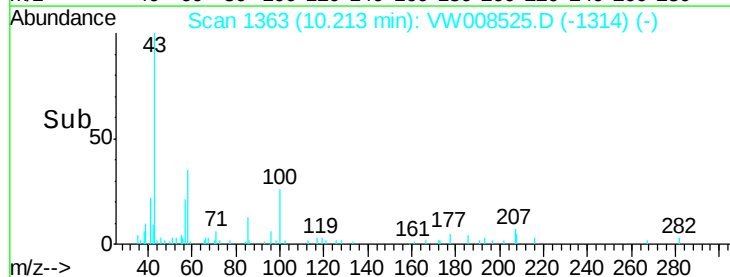
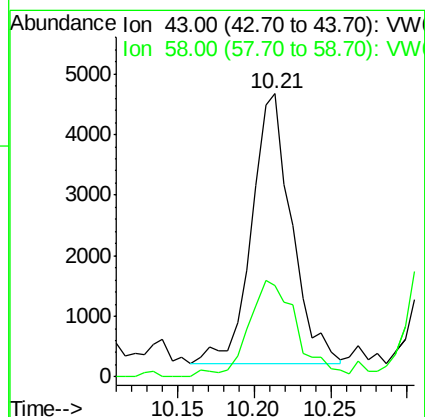
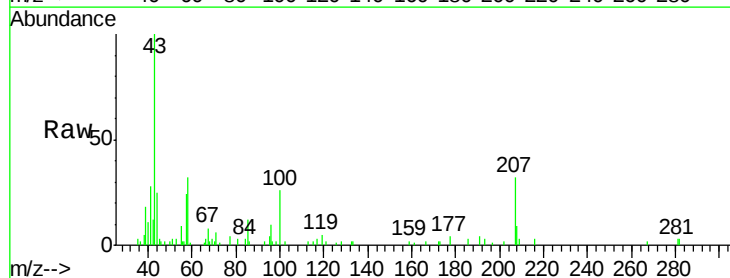
Acq: 06 Feb 2019 14:07

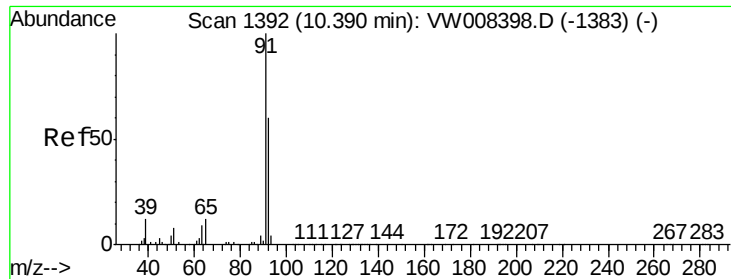
Tgt Ion: 43 Resp: 8161

Ion Ratio Lower Upper

43 100

58 42.9 29.7 44.5





#52

Toluene

Concen: 1.038 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008525.D

Acq: 06 Feb 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

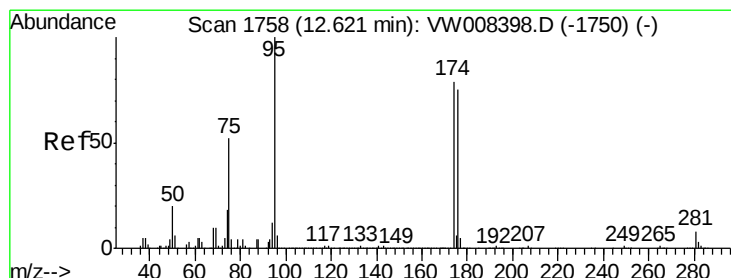
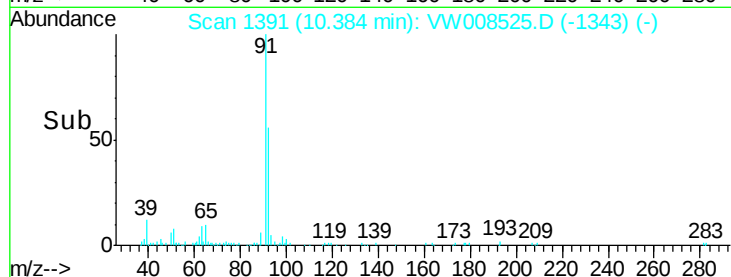
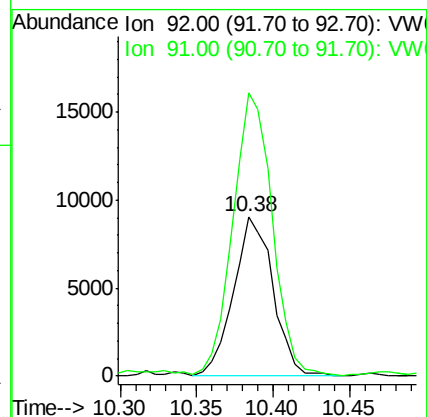
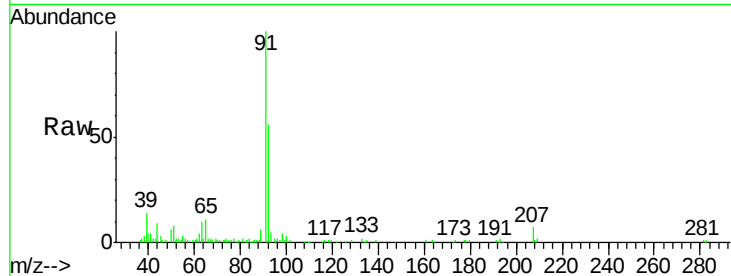
AU-06-020519-B

Tot Ion: 92 Resp: 16272

Ion Ratio Lower Upper

92 100

91 174.9 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 48.003 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008525.D

Acq: 06 Feb 2019 14:07

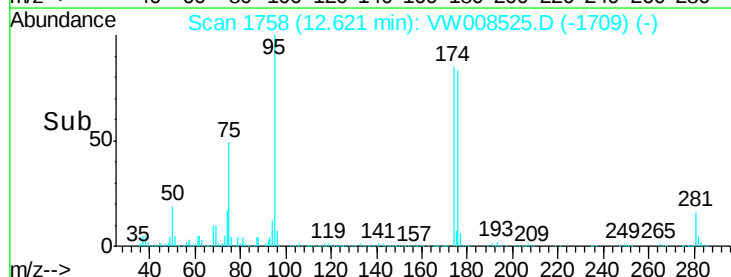
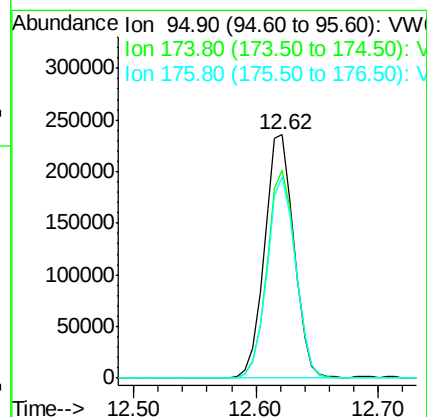
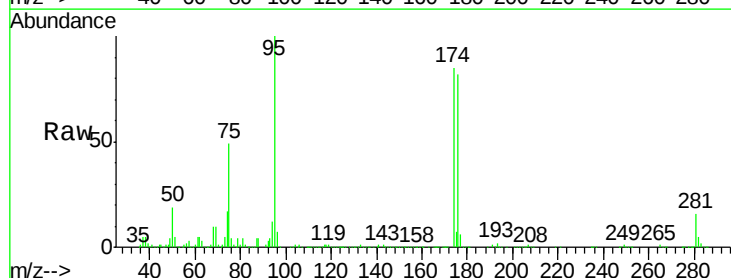
Tgt Ion: 95 Resp: 392090

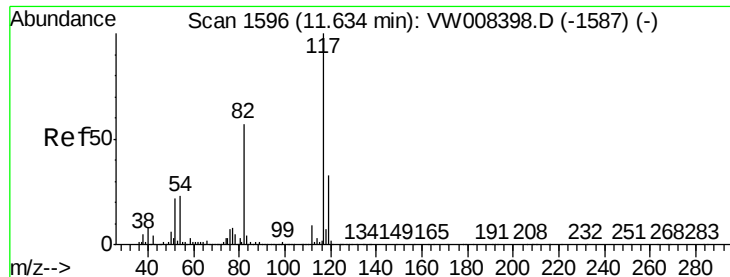
Ion Ratio Lower Upper

95 100

174 83.4 0.0 157.6

176 80.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008525.D

Acq: 06 Feb 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

AU-06-020519-B

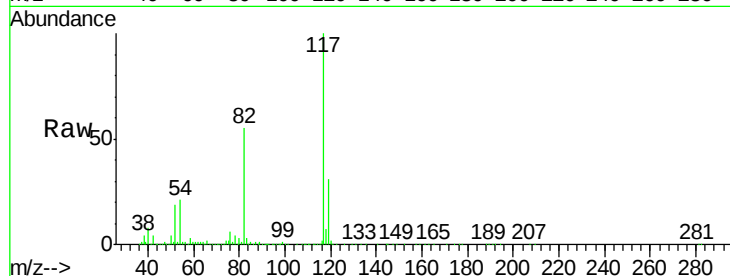
Tot Ion:117 Resp: 821927

Ion Ratio Lower Upper

117 100

82 54.5 45.4 68.0

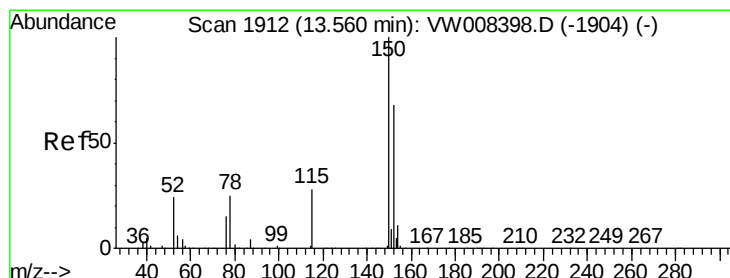
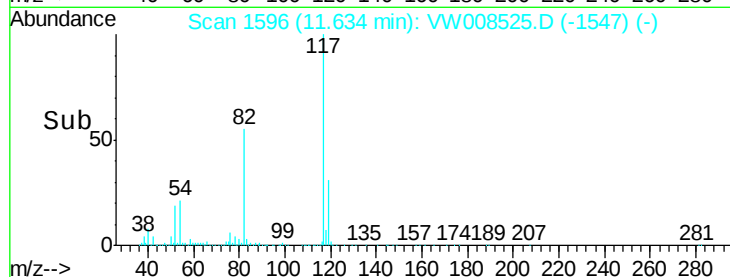
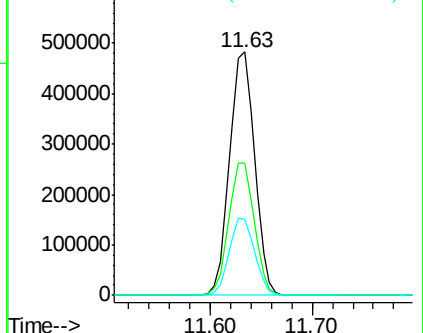
119 31.4 26.2 39.4



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: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008525.D

Acq: 06 Feb 2019 14:07

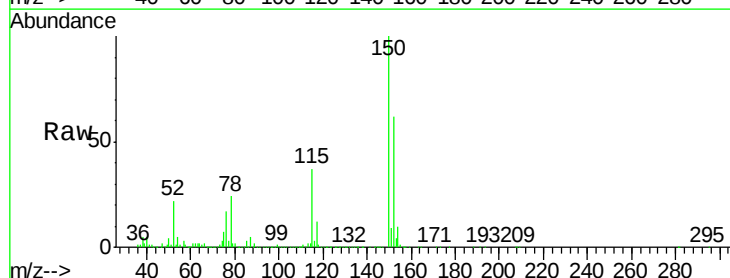
Tgt Ion:152 Resp: 372929

Ion Ratio Lower Upper

152 100

115 57.8 29.9 89.7

150 159.9 0.0 351.4



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

