

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008685.D
 Acq On : 15 Feb 2019 15:31
 Operator : SY/VA
 Sample : K1346-13
 Misc : 7.44G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-021419-D

Quant Time: Feb 16 01:37:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

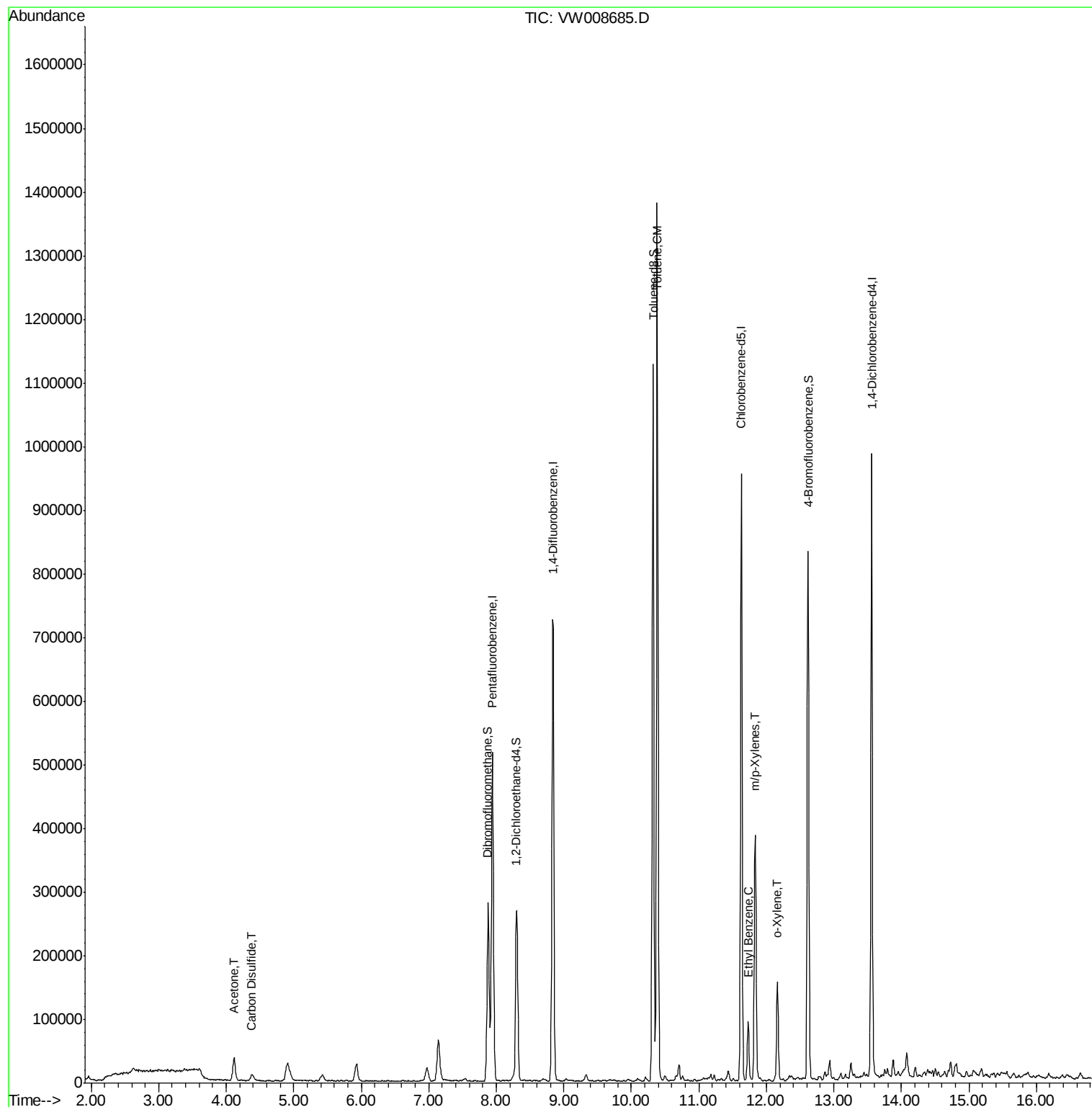
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	398903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	615482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	532544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	249749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	214718	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	7.88	113	186334	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	10.32	98	713261	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.62	95	245944	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	
Target Compounds						
16) Acetone	4.12	43	59891	63.463	ug/l	94
17) Carbon Disulfide	4.37	76	12418	1.057	ug/l	95
52) Toluene	10.38	92	565755	51.929	ug/l	99
67) Ethyl Benzene	11.73	91	61112	2.989	ug/l	99
68) m/p-Xylenes	11.83	106	119067	14.967	ug/l	96
69) o-Xylene	12.16	106	40293	5.358	ug/l	96

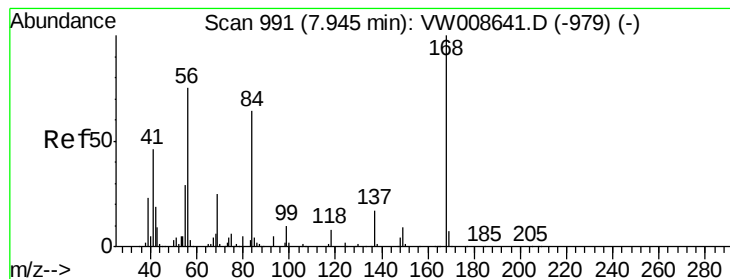
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
Data File : VW008685.D
Acq On : 15 Feb 2019 15:31
Operator : SY/VA
Sample : K1346-13
Misc : 7.44G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-01-021419-D

Quant Time: Feb 16 01:37:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008685.D

Acq: 15 Feb 2019 15:31

Instrument :

MSVOA_W

ClientSampleId :

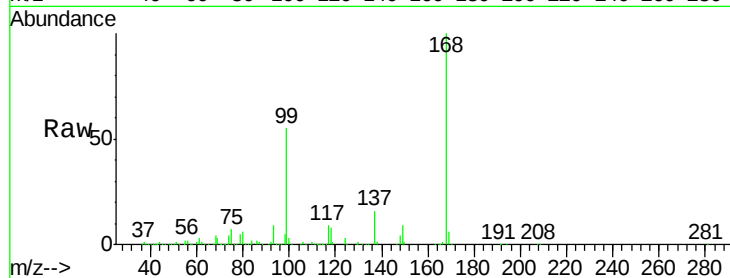
CL-01-021419-D

Tot Ion:168 Resp: 398903

Ion Ratio Lower Upper

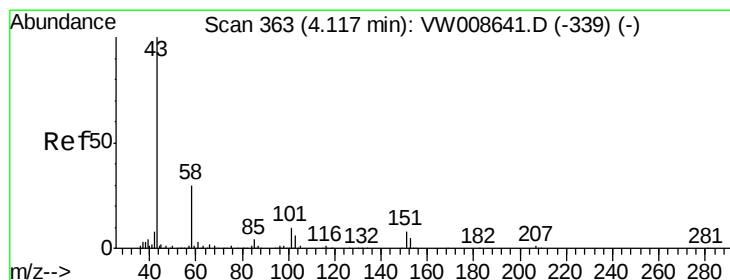
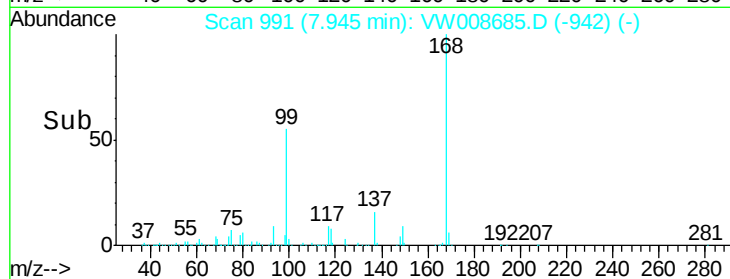
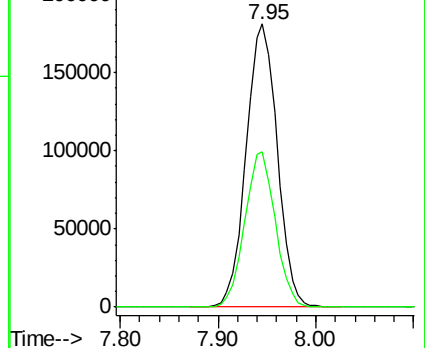
168 100

99 55.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 63.463 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008685.D

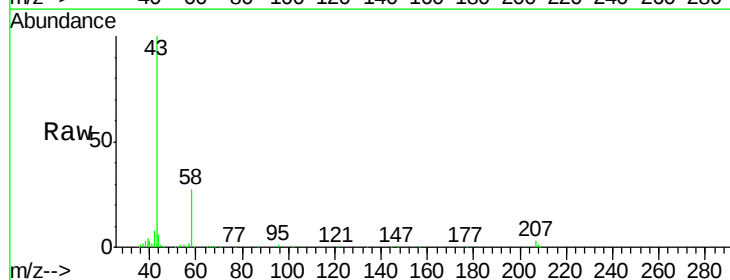
Acq: 15 Feb 2019 15:31

Tgt Ion: 43 Resp: 59891

Ion Ratio Lower Upper

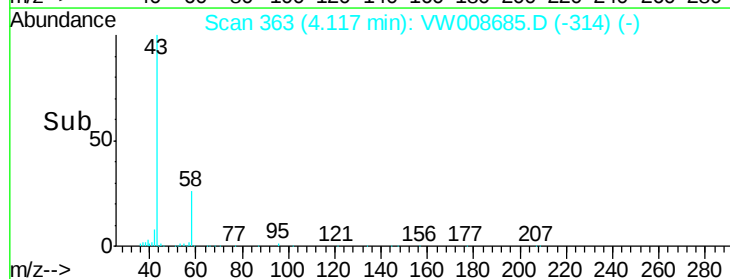
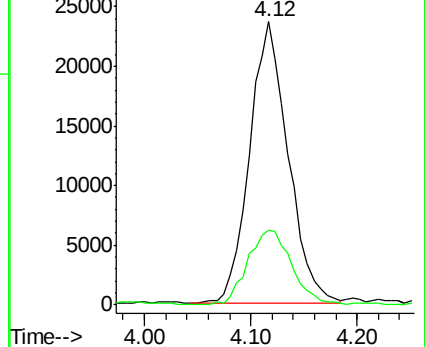
43 100

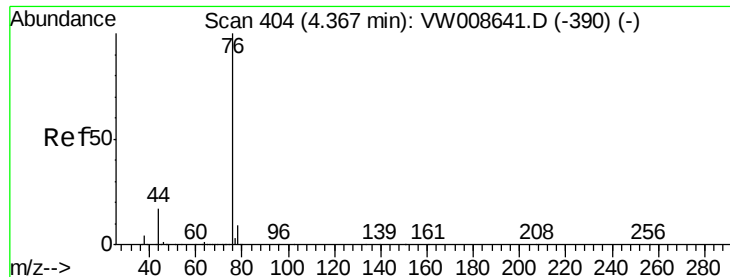
58 26.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.057 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW008685.D

Acq: 15 Feb 2019 15:31

Instrument :

MSVOA_W

ClientSampleId :

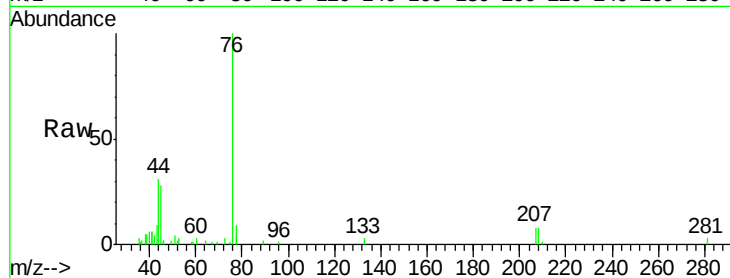
CL-01-021419-D

Tot Ion: 76 Resp: 12418

Ion Ratio Lower Upper

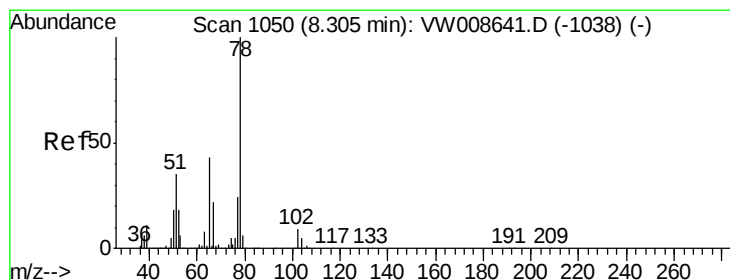
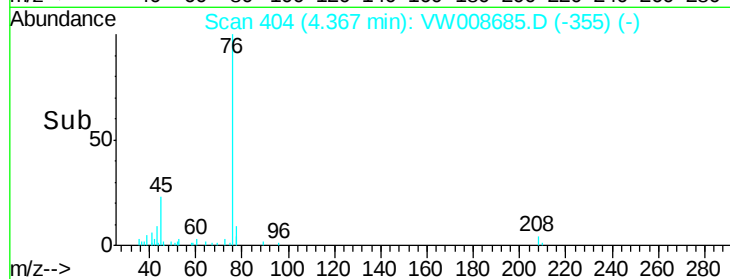
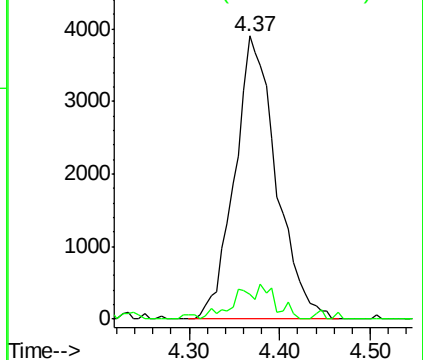
76 100

78 7.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.775 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008685.D

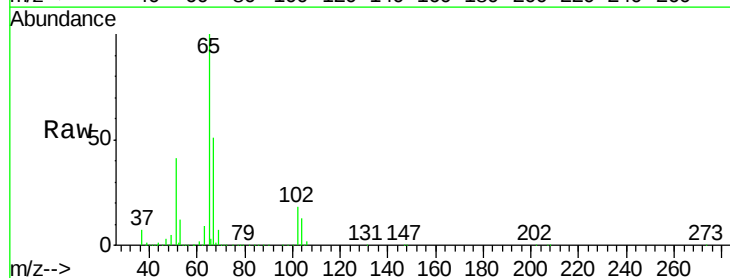
Acq: 15 Feb 2019 15:31

Tgt Ion: 65 Resp: 214718

Ion Ratio Lower Upper

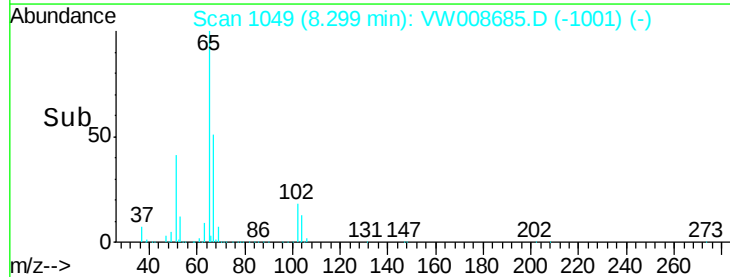
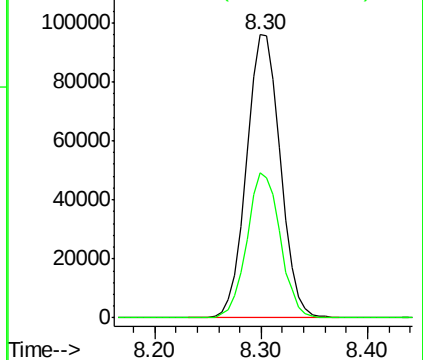
65 100

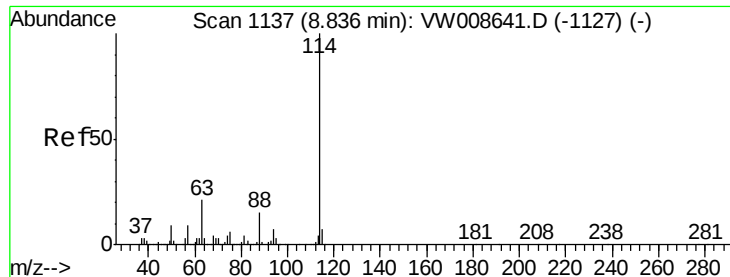
67 50.3 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

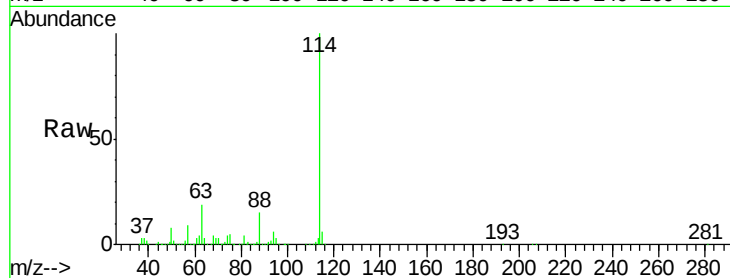




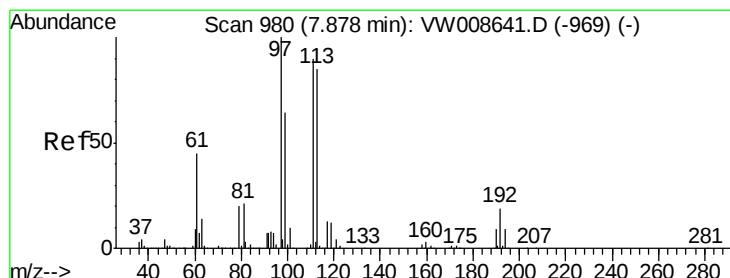
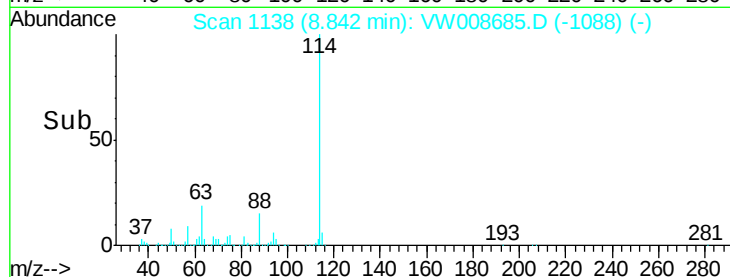
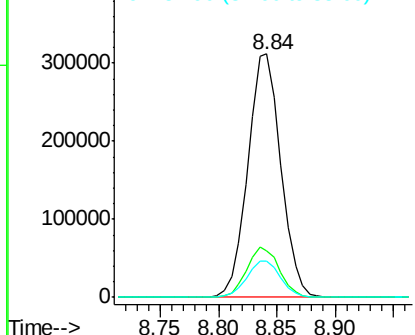
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008685.D
 Acq: 15 Feb 2019 15:31

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-021419-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	41.2
88	14.8	0.0	29.6

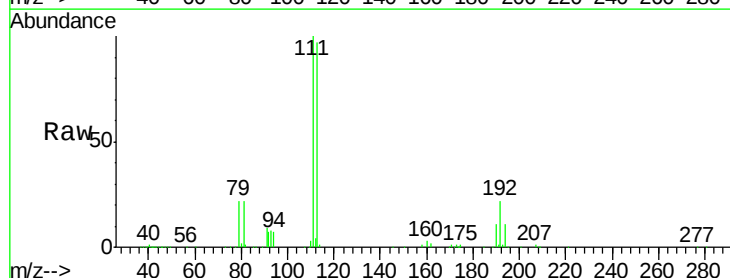


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

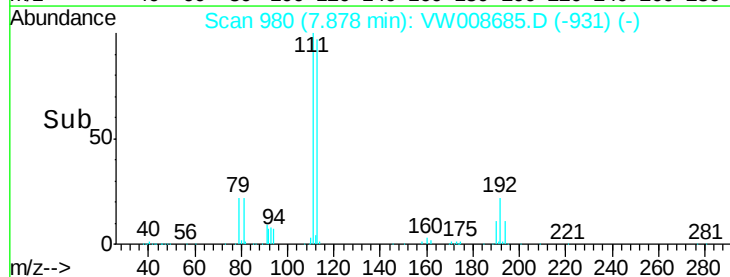
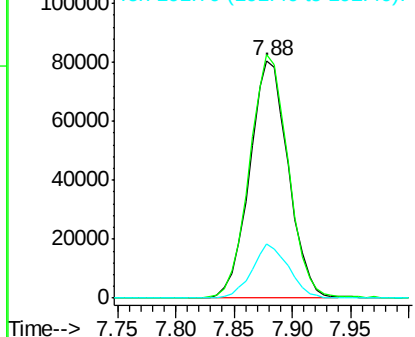


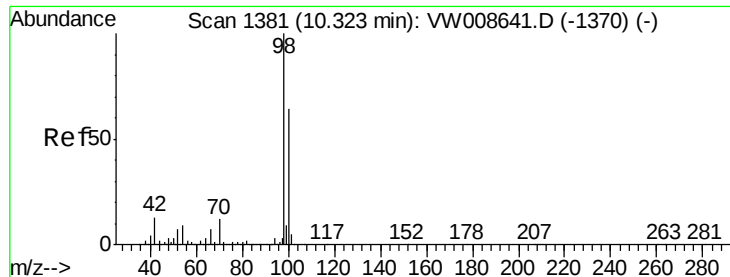
#35
 Dibromofluoromethane
 Concen: 48.756 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW008685.D
 Acq: 15 Feb 2019 15:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	84.0	126.0
192	21.8	17.4	26.2



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: 48.414 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008685.D

Acq: 15 Feb 2019 15:31

Instrument :

MSVOA_W

ClientSampleId :

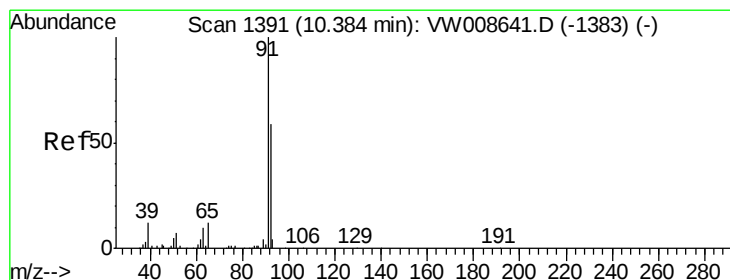
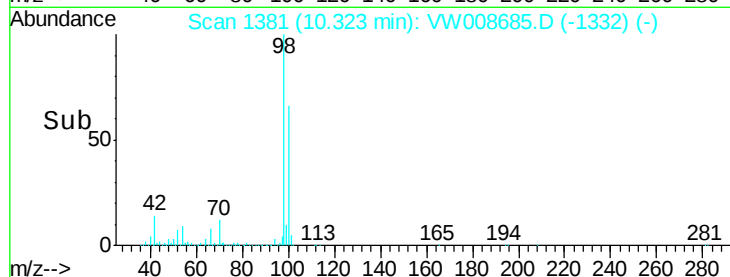
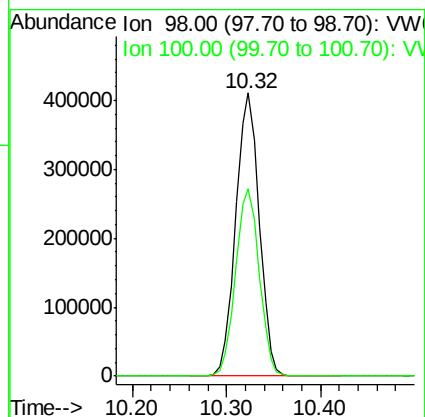
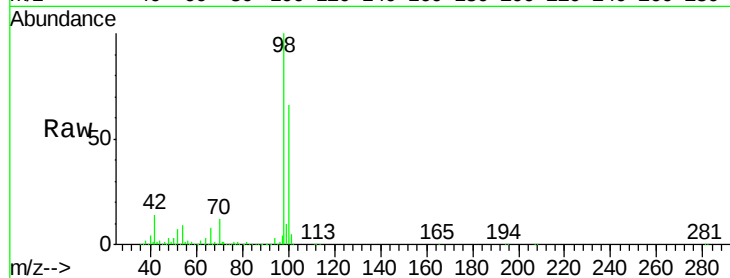
CL-01-021419-D

Tot Ion: 98 Resp: 713261

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.4



#52

Toluene

Concen: 51.929 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW008685.D

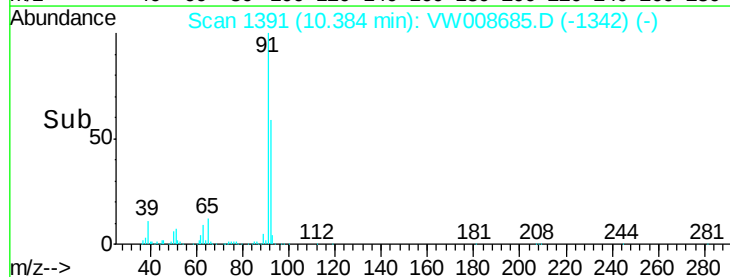
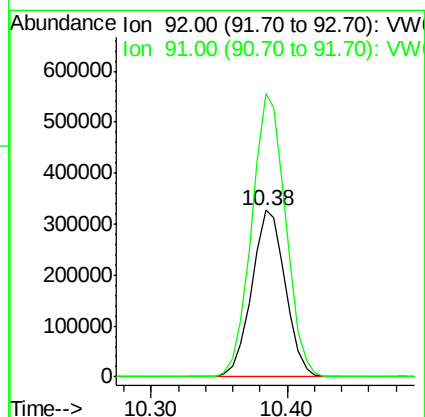
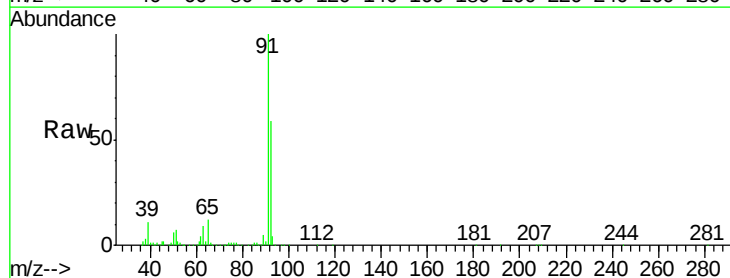
Acq: 15 Feb 2019 15:31

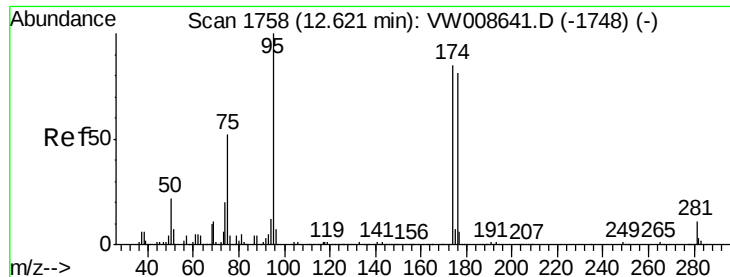
Tgt Ion: 92 Resp: 565755

Ion Ratio Lower Upper

92 100

91 171.7 135.8 203.6





#62

4-Bromofluorobenzene

Concen: 44.321 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008685.D

Acq: 15 Feb 2019 15:31

Instrument :

MSVOA_W

ClientSampleId :

CL-01-021419-D

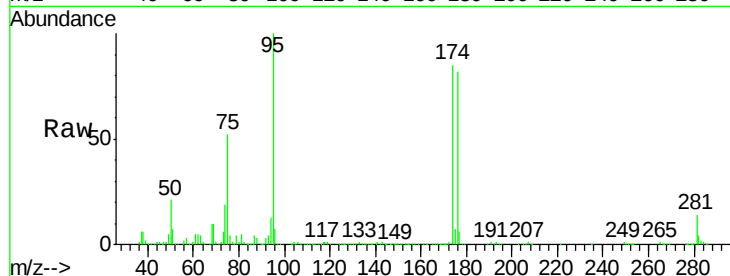
Tot Ion: 95 Resp: 245944

Ion Ratio Lower Upper

95 100

174 85.5 0.0 163.2

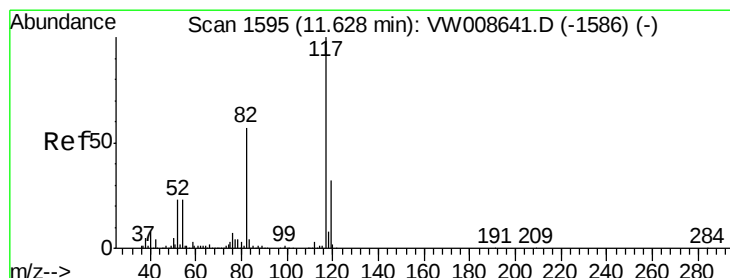
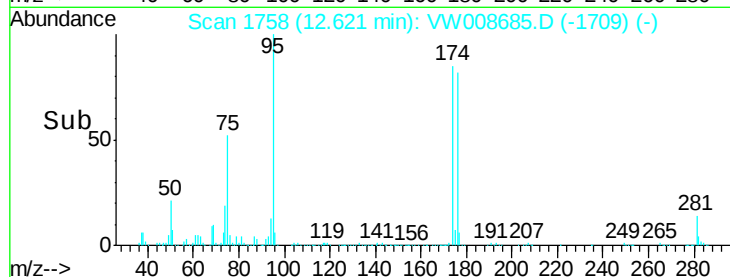
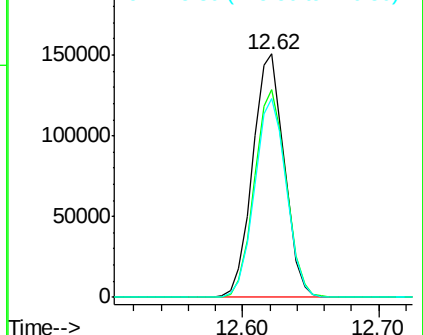
176 82.1 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW008685.D

Acq: 15 Feb 2019 15:31

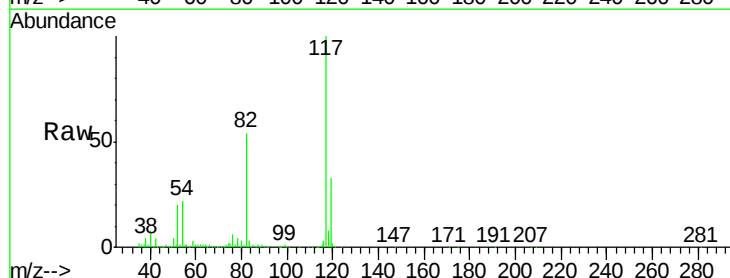
Tgt Ion: 117 Resp: 532544

Ion Ratio Lower Upper

117 100

82 54.2 45.6 68.4

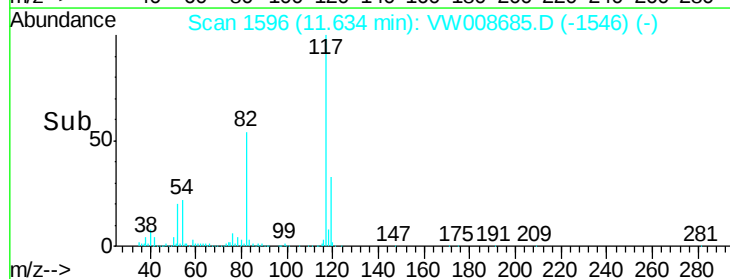
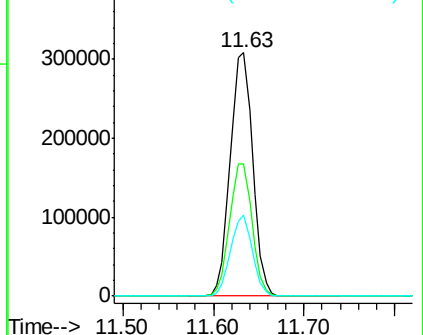
119 33.3 25.7 38.5

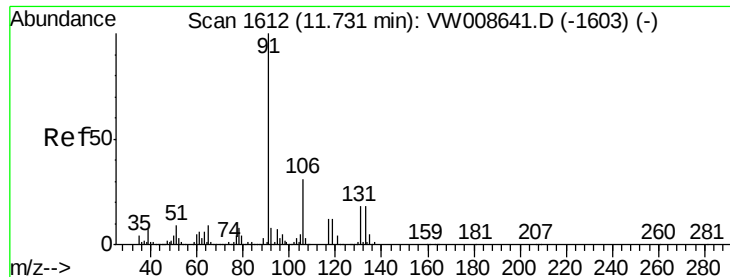


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

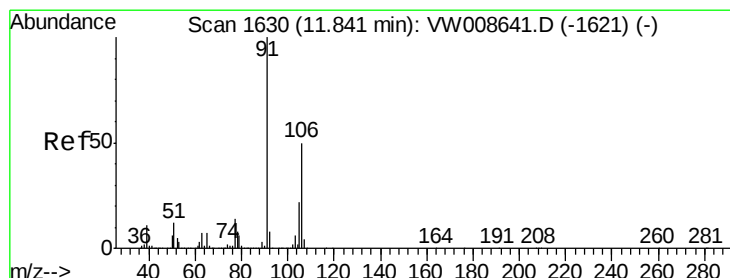
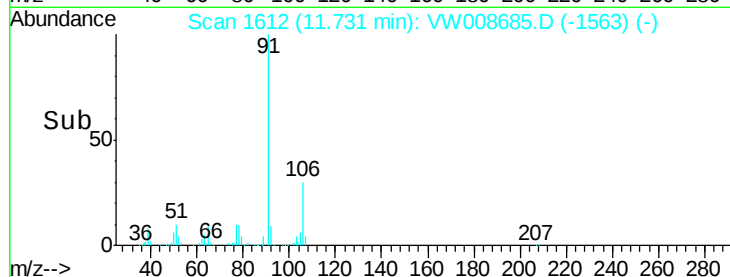
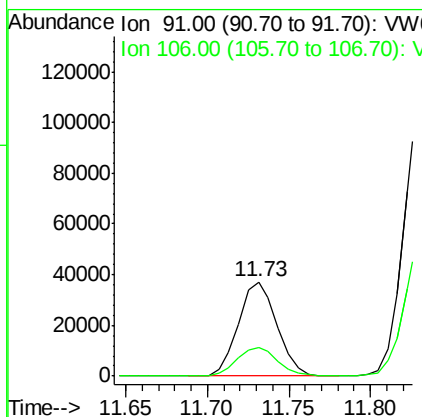
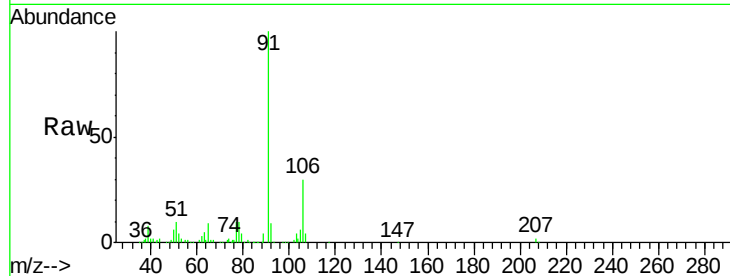




#67
Ethyl Benzene
Concen: 2.989 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008685.D
Acq: 15 Feb 2019 15:31

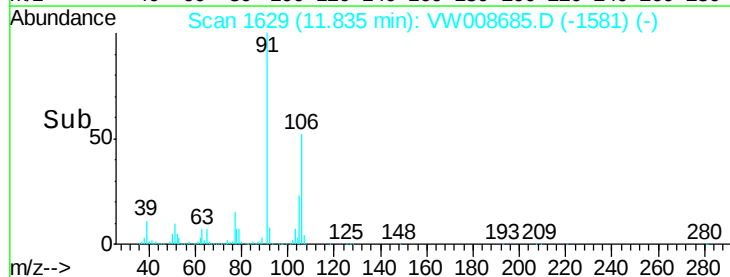
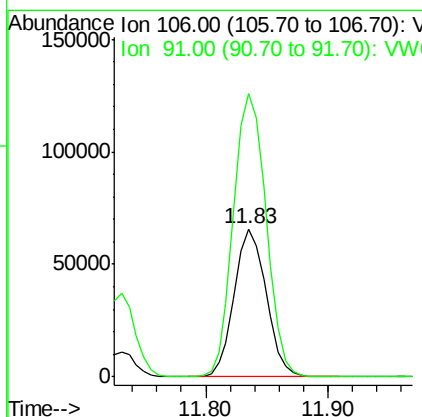
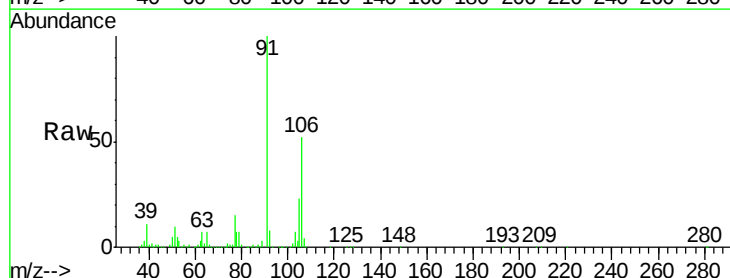
Instrument :
MSVOA_W
ClientSampleId :
CL-01-021419-D

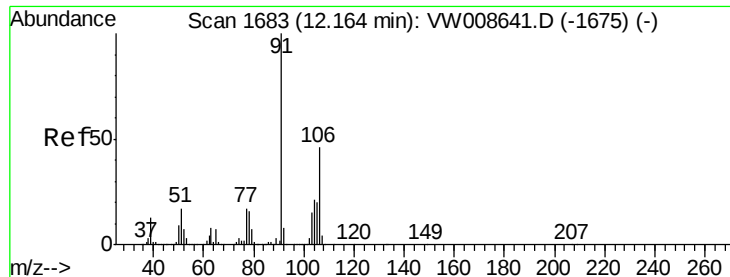
Tot Ion: 91 Resp: 61112
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7



#68
m/p-Xylenes
Concen: 14.967 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008685.D
Acq: 15 Feb 2019 15:31

Tgt Ion: 106 Resp: 119067
Ion Ratio Lower Upper
106 100
91 195.7 161.0 241.4

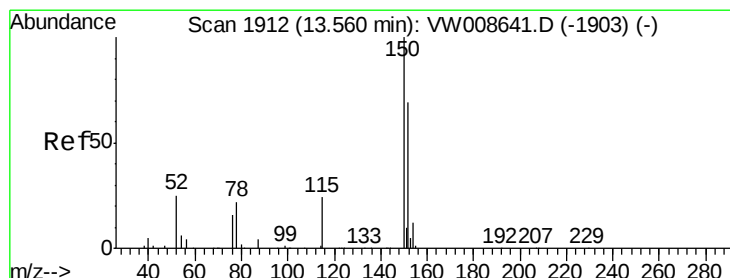
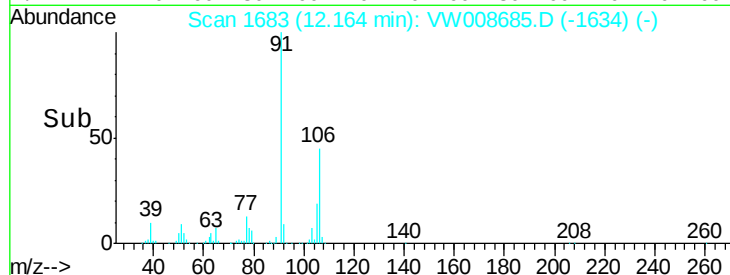
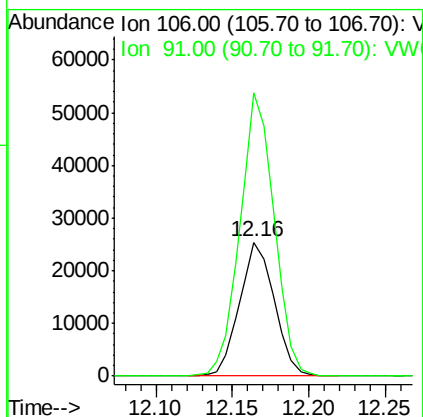
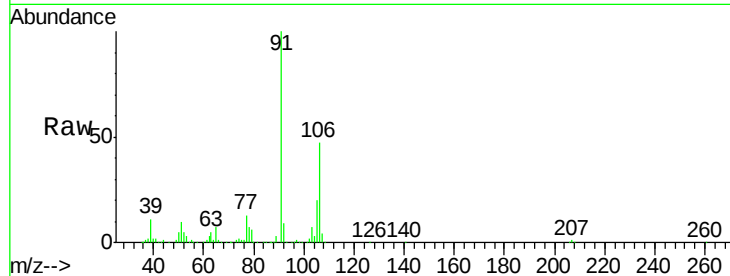




#69
o-Xylene
Concen: 5.358 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW008685.D
Acq: 15 Feb 2019 15:31

Instrument :
MSVOA_W
ClientSampleId :
CL-01-021419-D

Tot Ion:106 Resp: 40293
Ion Ratio Lower Upper
106 100
91 207.1 106.7 320.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008685.D
Acq: 15 Feb 2019 15:31

Tgt Ion:152 Resp: 249749
Ion Ratio Lower Upper
152 100
115 56.9 29.3 87.8
150 154.9 0.0 352.8

