

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070419\
 Data File : VW011152.D
 Acq On : 03 Jul 2019 20:45
 Operator : SY/VA
 Sample : K3622-03
 Misc : 7.05G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070319-B

Quant Time: Jul 04 05:10:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

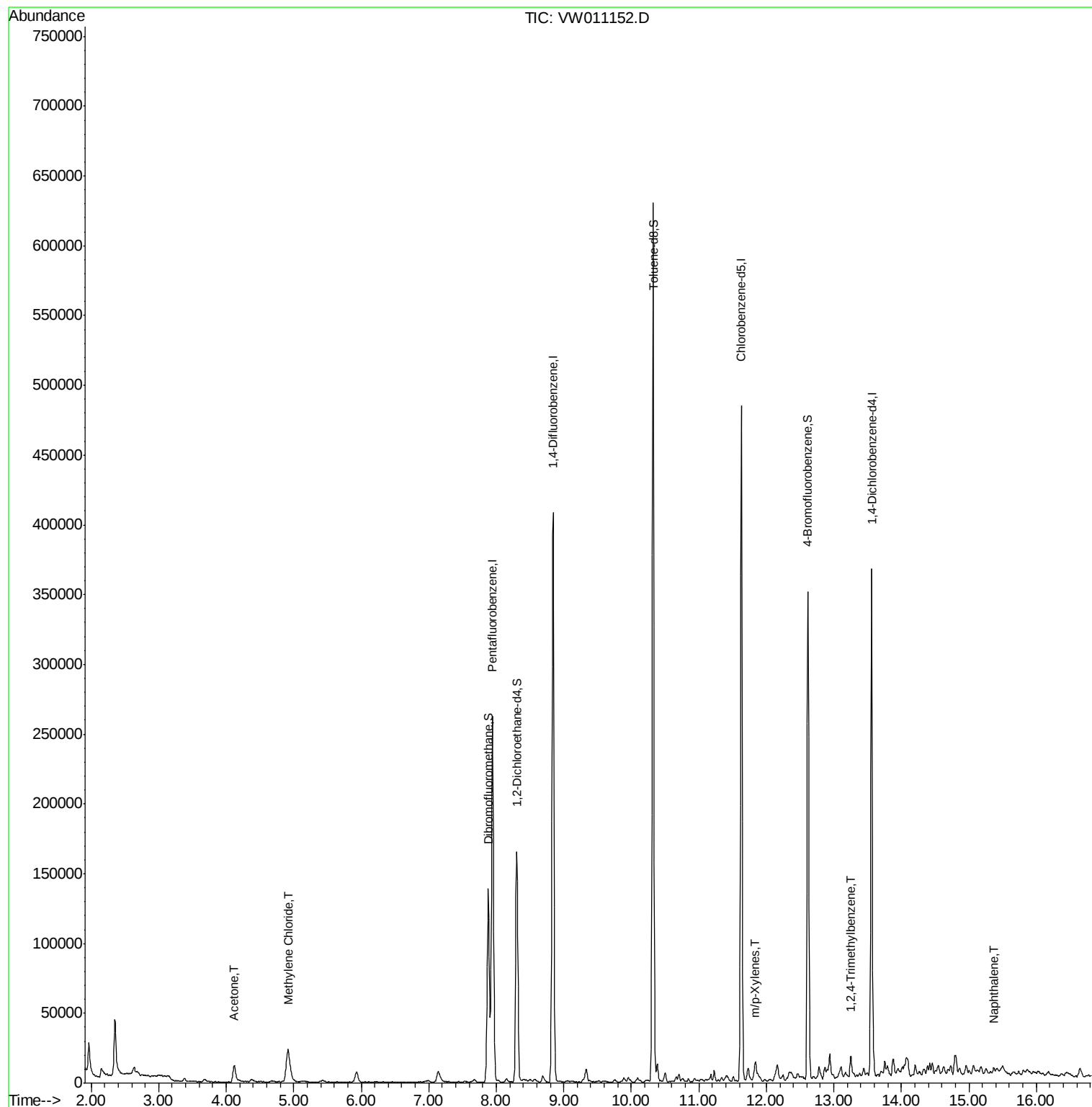
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	319032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	128342	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
35) Dibromofluoromethane	7.88	113	97193	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	10.32	98	382053	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.62	95	112253	38.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.54%	
Target Compounds						
16) Acetone	4.12	43	23725	40.322	ug/l	98
20) Methylene Chloride	4.92	84	19661	8.224	ug/l	96
68) m/p-Xylenes	11.84	106	3697	1.037	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	8125	1.454	ug/l	100
95) Naphthalene	15.37	128	4361	1.295	ug/l	99

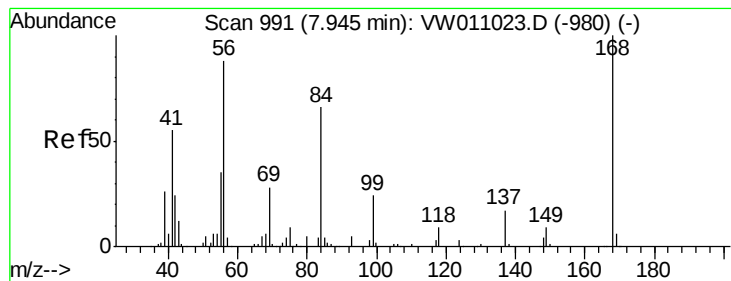
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OR-02-070319-B

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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 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: VW011152.D

Acq: 03 Jul 2019 20:45

Instrument :

MSVOA_W

ClientSampleId :

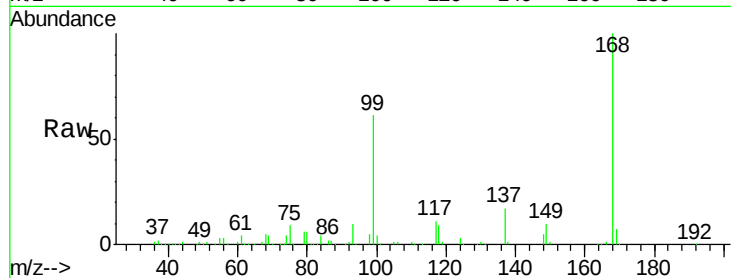
OR-02-070319-B

Tot Ion:168 Resp: 184393

Ion Ratio Lower Upper

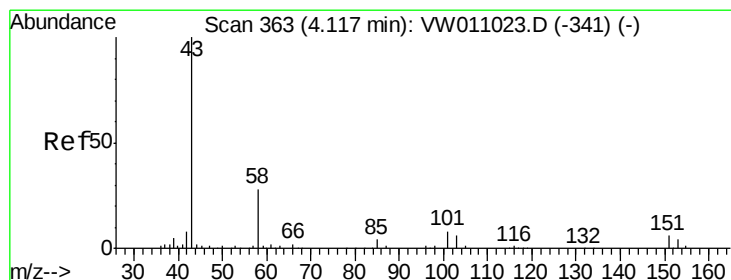
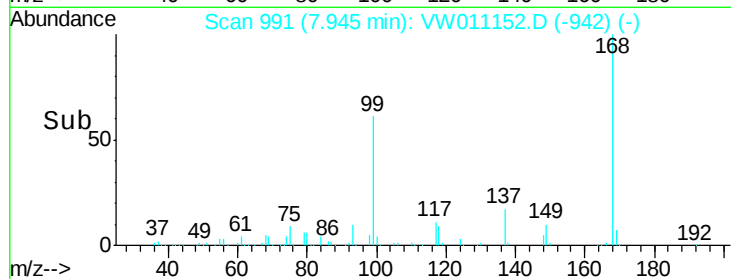
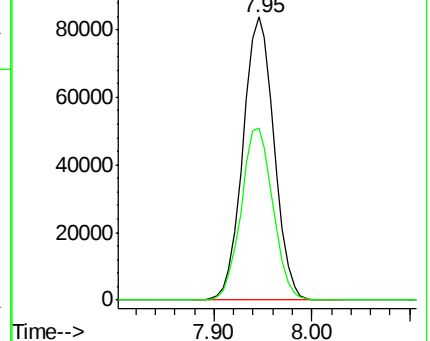
168 100

99 60.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 40.322 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011152.D

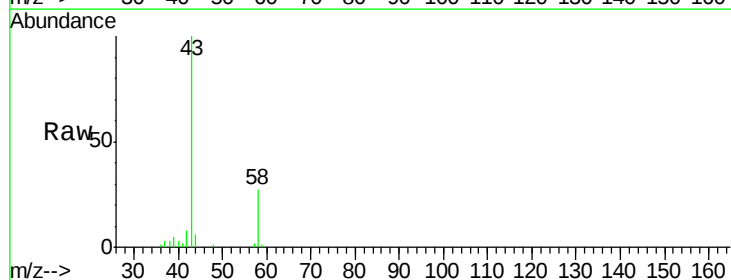
Acq: 03 Jul 2019 20:45

Tgt Ion: 43 Resp: 23725

Ion Ratio Lower Upper

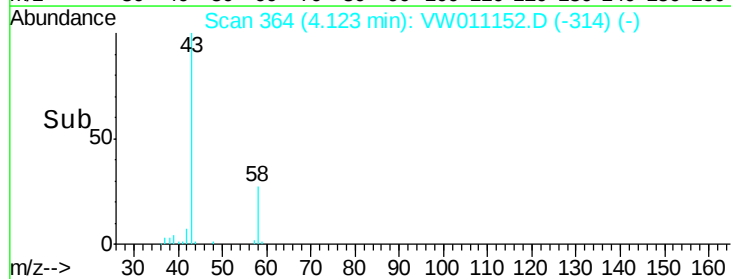
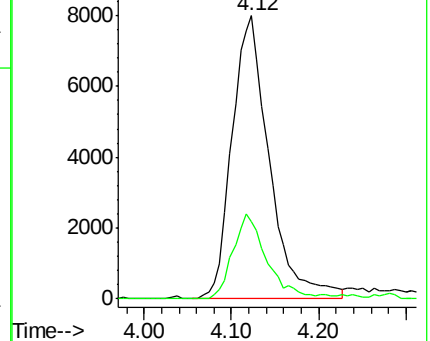
43 100

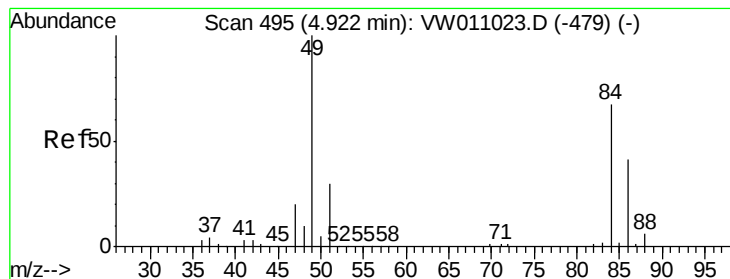
58 27.2 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 8.224 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011152.D

Acq: 03 Jul 2019 20:45

Instrument :

MSVOA_W

ClientSampleId :

OR-02-070319-B

Tot Ion: 84 Resp: 19661

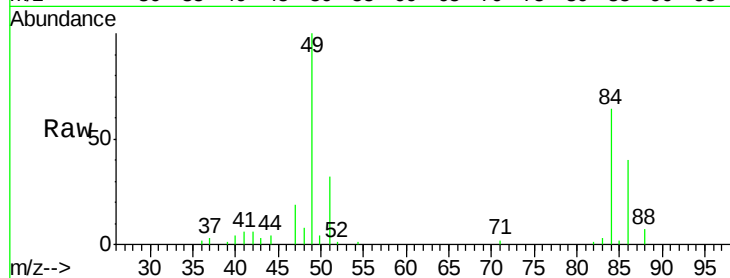
Ion Ratio Lower Upper

84 100

49 155.3 119.6 179.4

51 49.7 35.6 53.4

86 62.5 49.0 73.6

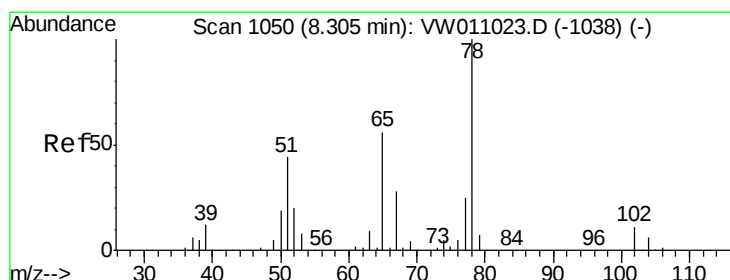
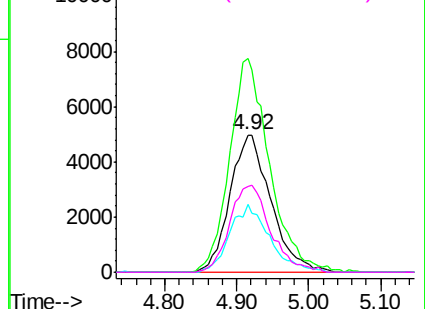
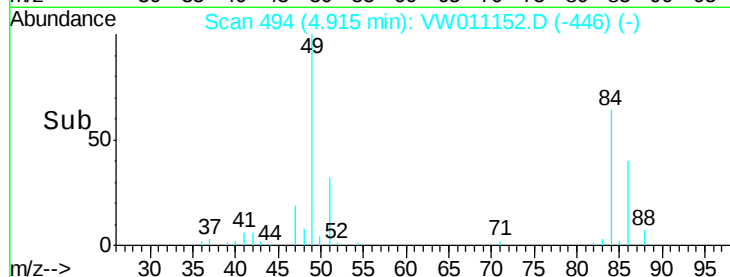


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 53.243 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011152.D

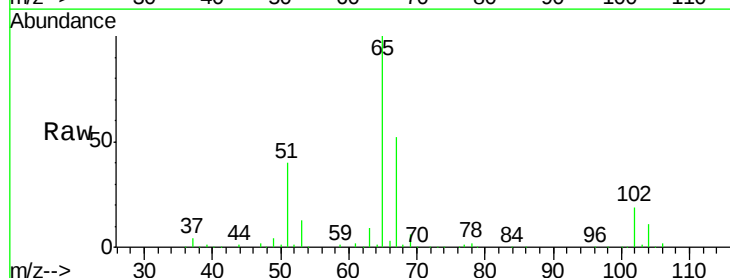
Acq: 03 Jul 2019 20:45

Tgt Ion: 65 Resp: 128342

Ion Ratio Lower Upper

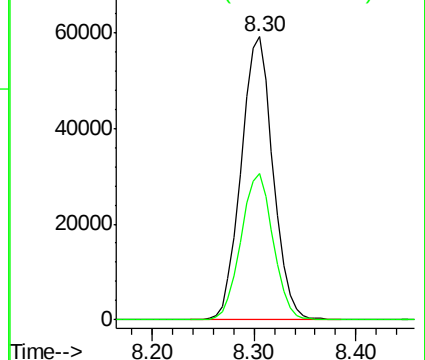
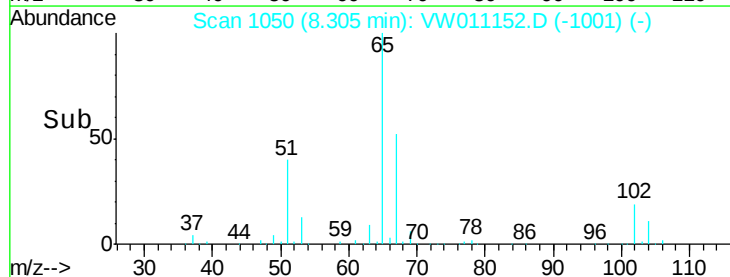
65 100

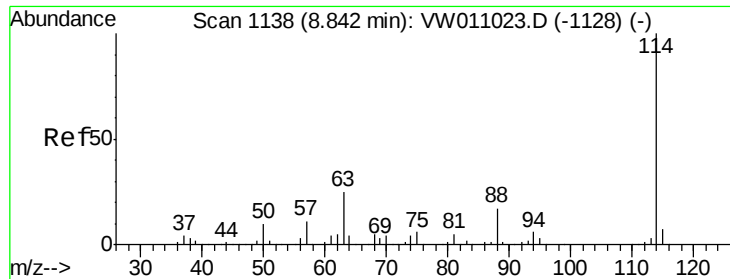
67 52.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

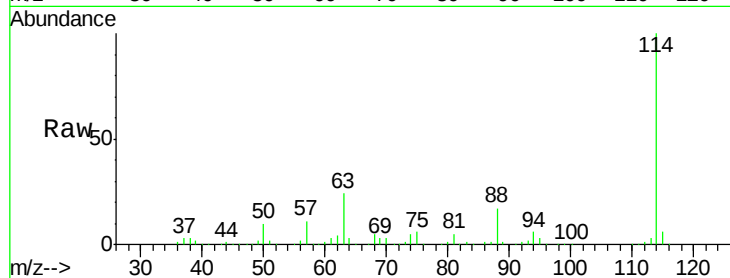




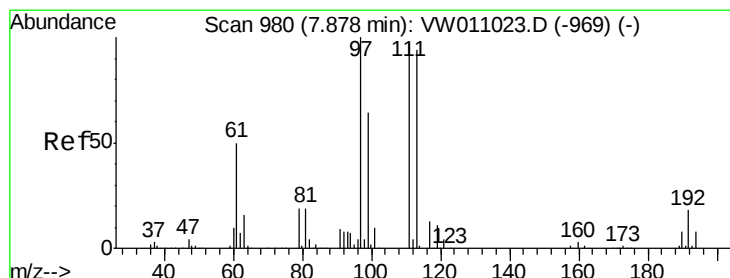
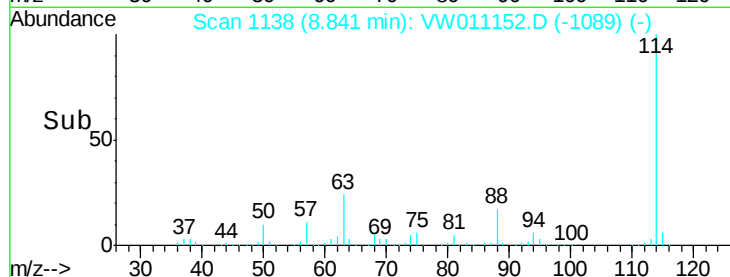
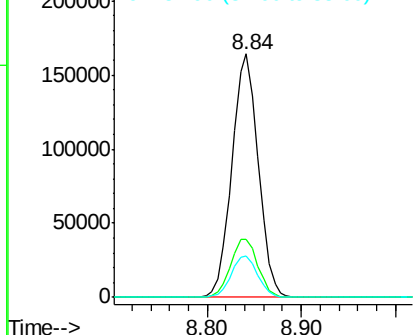
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011152.D
 Acq: 03 Jul 2019 20:45

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070319-B

Tot Ion:114 Resp: 319032
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 50.6
 88 16.8 0.0 34.0

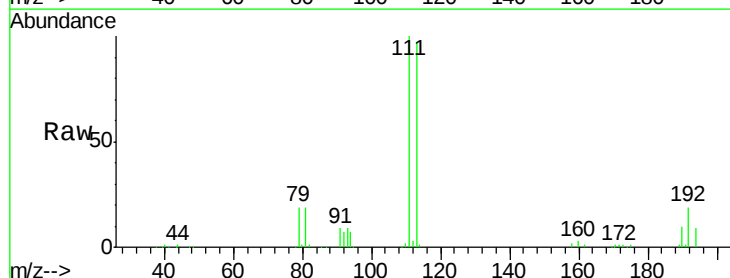


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

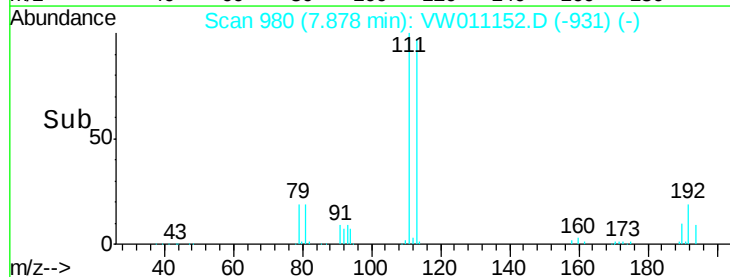
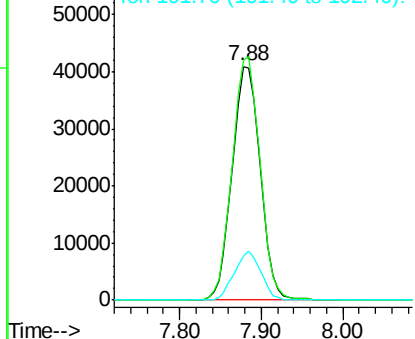


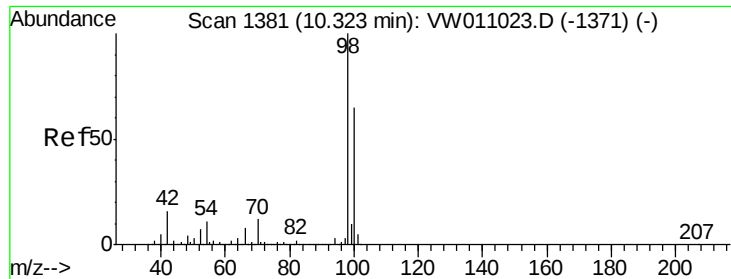
#35
 Dibromofluoromethane
 Concen: 49.890 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011152.D
 Acq: 03 Jul 2019 20:45

Tgt Ion:113 Resp: 97193
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.8 125.6
 192 19.9 16.0 24.0



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: 47.643 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011152.D

Acq: 03 Jul 2019 20:45

Instrument :

MSVOA_W

ClientSampleId :

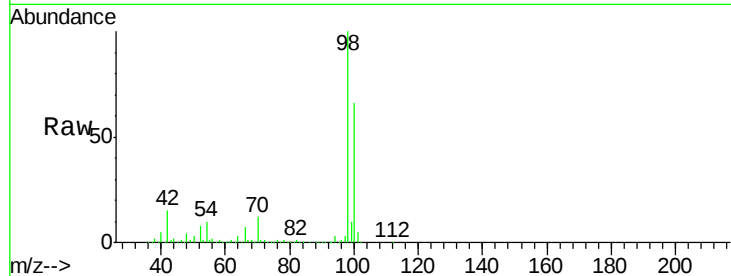
OR-02-070319-B

Tot Ion: 98 Resp: 382053

Ion Ratio Lower Upper

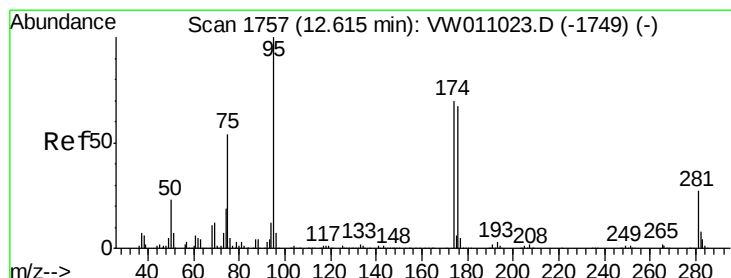
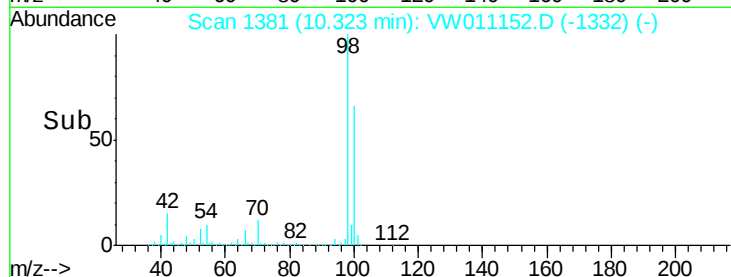
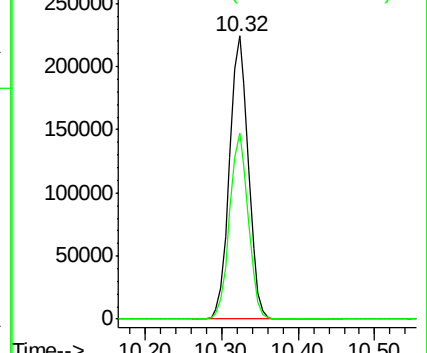
98 100

100 65.0 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 38.273 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011152.D

Acq: 03 Jul 2019 20:45

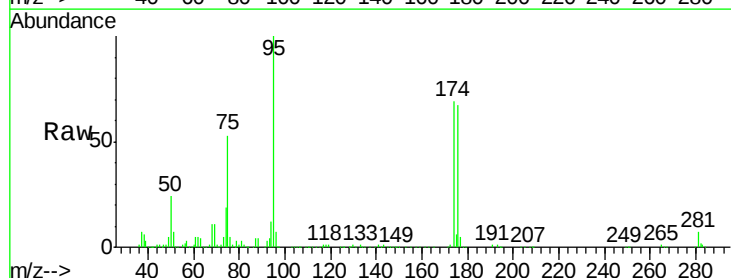
Tgt Ion: 95 Resp: 112253

Ion Ratio Lower Upper

95 100

174 72.9 0.0 149.2

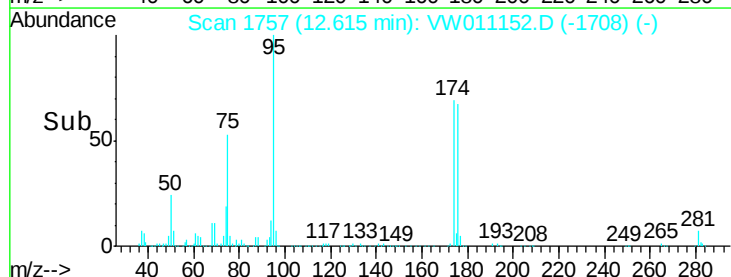
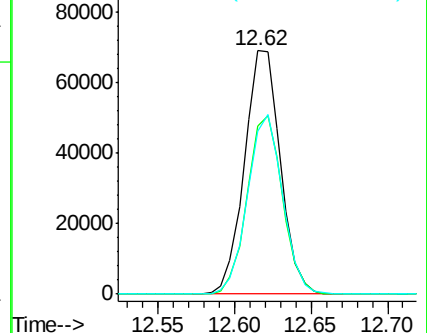
176 72.2 0.0 143.6

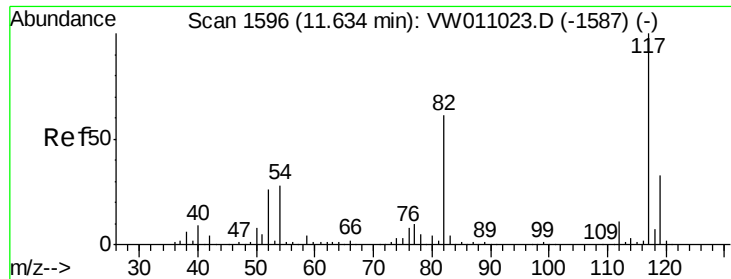


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

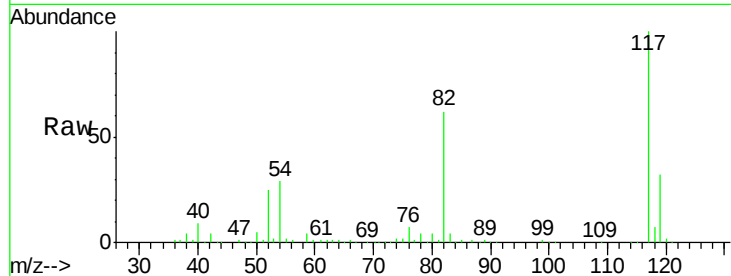




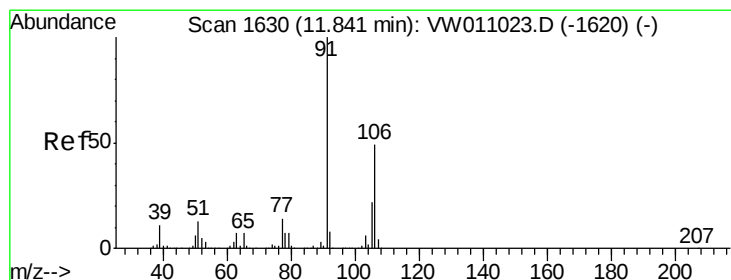
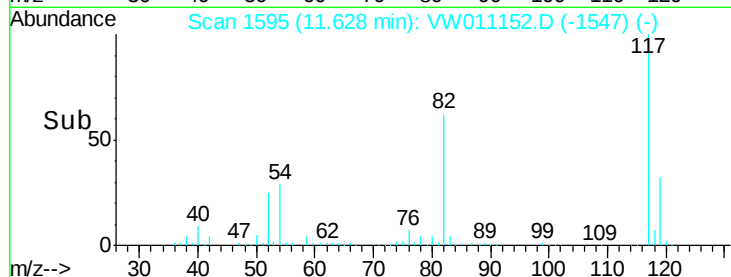
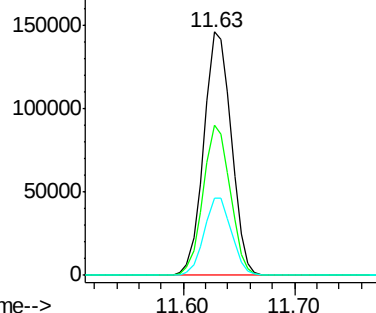
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011152.D
Acq: 03 Jul 2019 20:45

Instrument :
MSVOA_W
ClientSampleId :
OR-02-070319-B

Tot Ion:117 Resp: 250520
Ion Ratio Lower Upper
117 100
82 61.8 48.6 73.0
119 31.5 26.1 39.1

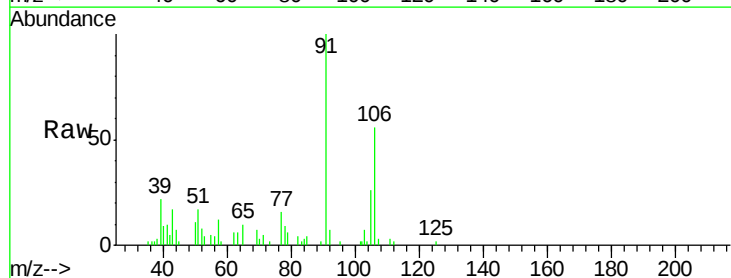


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

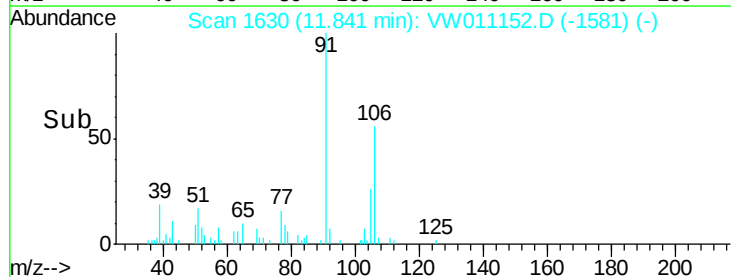
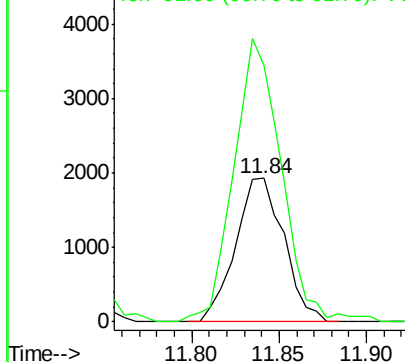


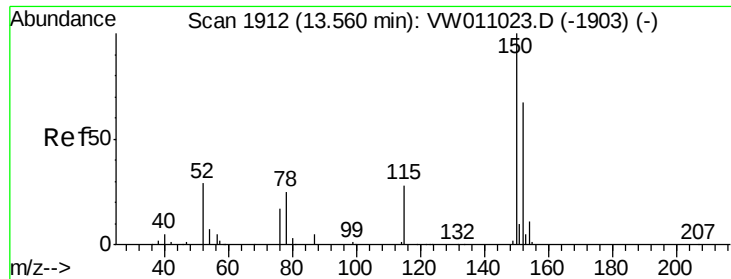
#68
m/p-Xylenes
Concen: 1.037 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011152.D
Acq: 03 Jul 2019 20:45

Tgt Ion:106 Resp: 3697
Ion Ratio Lower Upper
106 100
91 194.0 167.5 251.3



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011152.D

Acq: 03 Jul 2019 20:45

Instrument :

MSVOA_W

ClientSampleId :

OR-02-070319-B

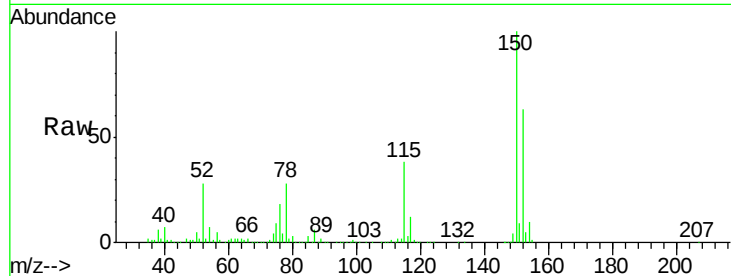
Tot Ion:152 Resp: 87096

Ion Ratio Lower Upper

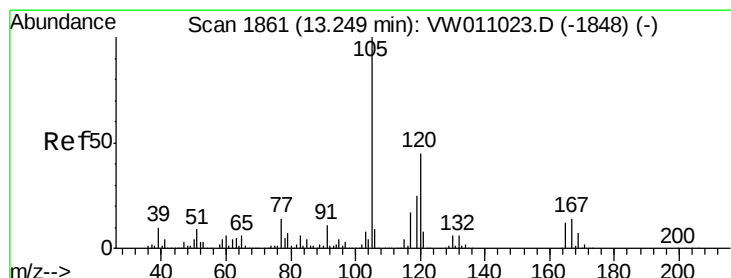
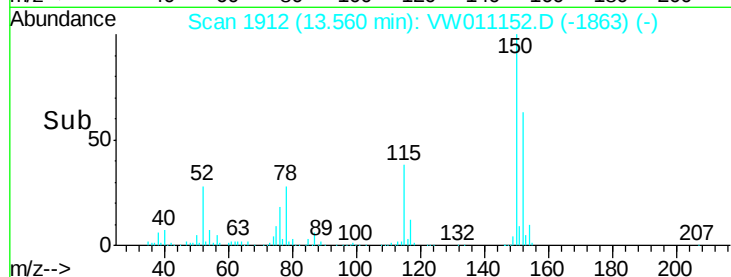
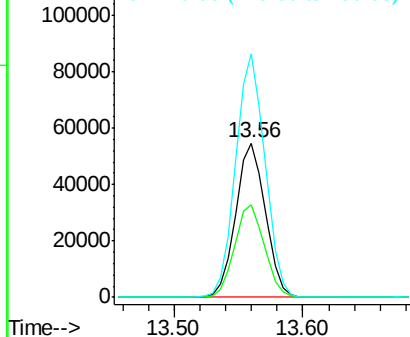
152 100

115 61.0 30.7 92.1

150 156.6 0.0 341.8



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: 1.454 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VW011152.D

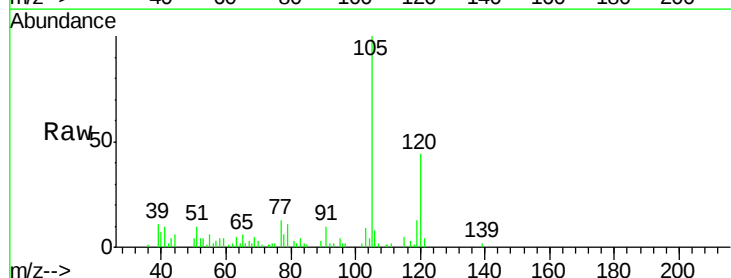
Acq: 03 Jul 2019 20:45

Tgt Ion:105 Resp: 8125

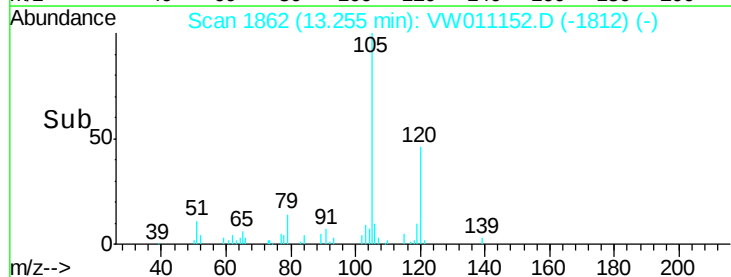
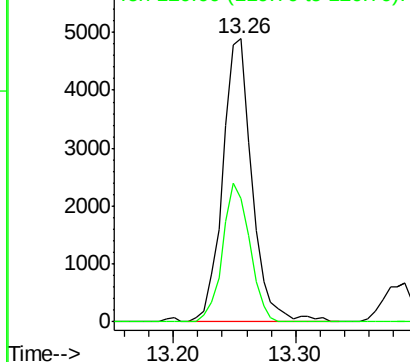
Ion Ratio Lower Upper

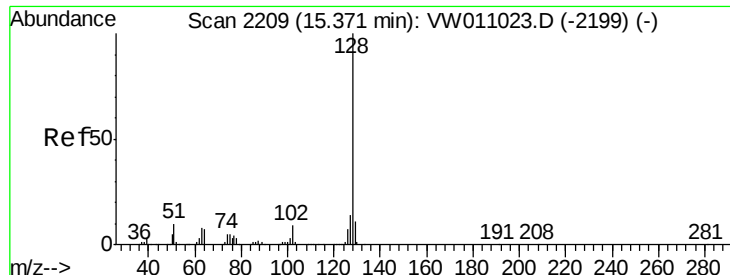
105 100

120 45.0 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

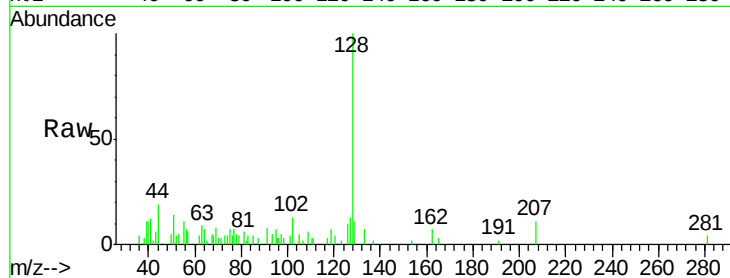




#95
Naphthalene
Concen: 1.295 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011152.D
Acq: 03 Jul 2019 20:45

Instrument :
MSVOA_W
ClientSampleId :
OR-02-070319-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.5	8.8	13.2



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

