

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008067.D
 Acq On : 07 Jan 2019 14:09
 Operator : SY/AP
 Sample : K1012-01RE
 Misc : 7.38G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-010419-ARE

Quant Time: Jan 08 08:00:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

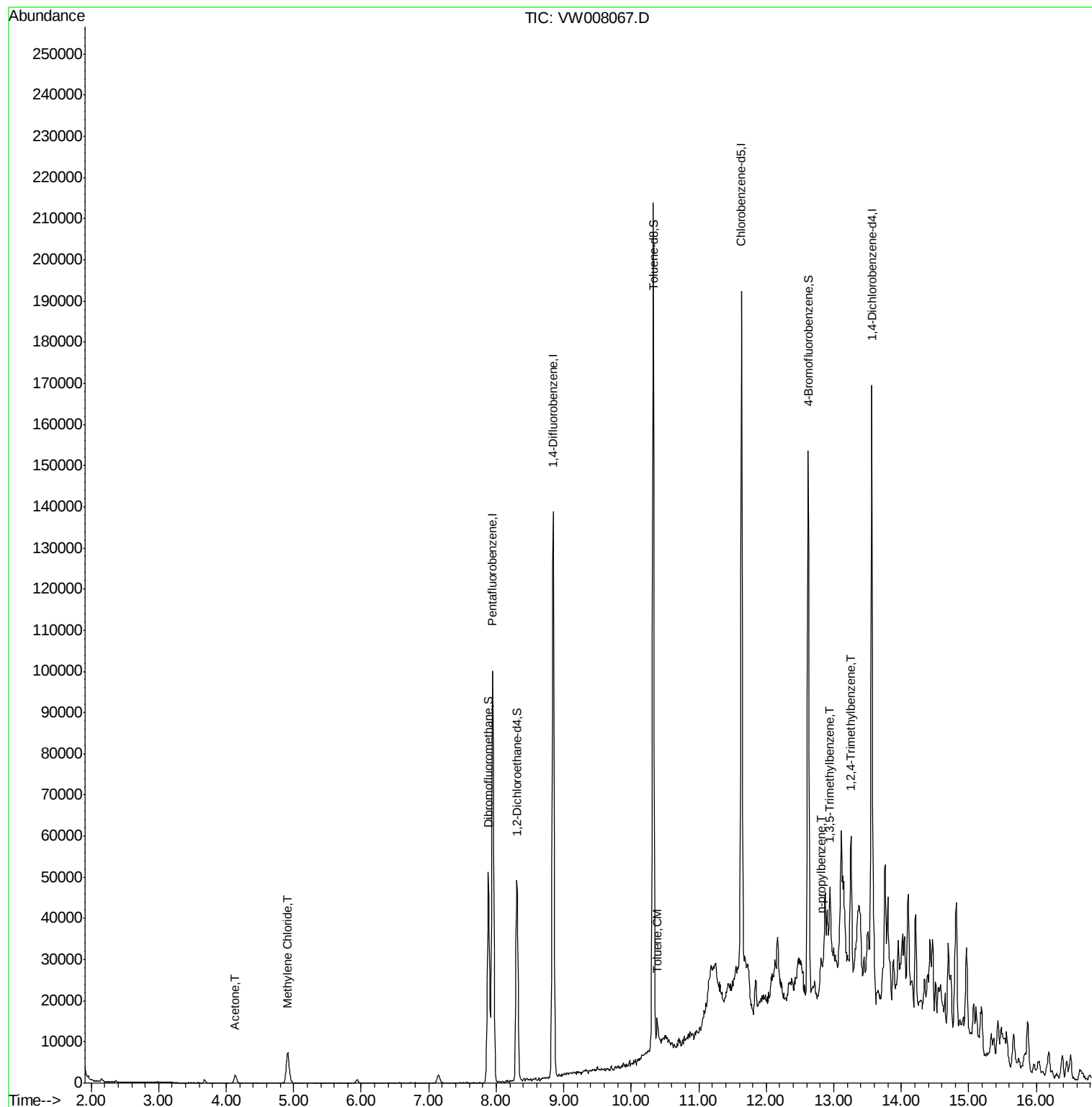
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	71354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	117429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	38135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41525	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	7.88	113	36061	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.32	98	137417	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.62	95	41942	39.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.76%	
Target Compounds						
16) Acetone	4.13	43	4030	32.987	ug/l	93
20) Methylene Chloride	4.91	84	6065	5.957	ug/l #	92
52) Toluene	10.39	92	2848	1.412	ug/l	91
78) n-propylbenzene	12.81	91	5468	1.555	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	6676	2.558	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	17976	6.799	ug/l	91

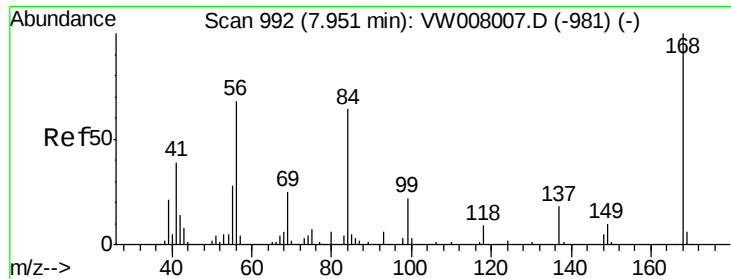
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EO-02-010419-ARE

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Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008067.D

Acq: 07 Jan 2019 14:09

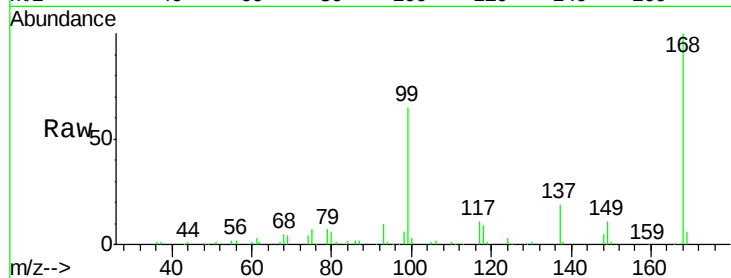
Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-ARE

Tot Ion:168 Resp: 71354

Ion Ratio Lower Upper

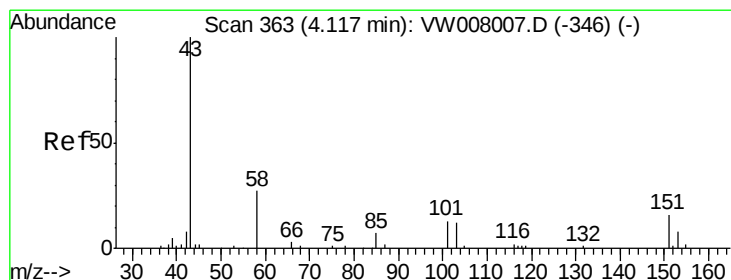
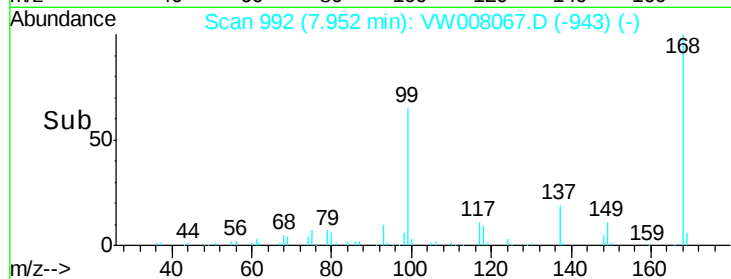
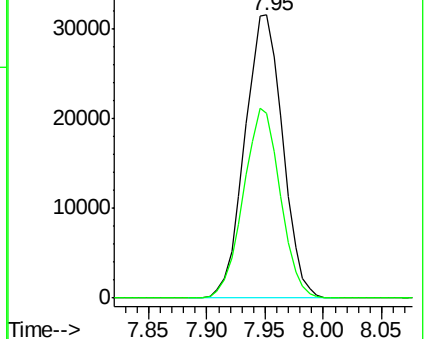
168 100

99 65.3 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 32.987 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008067.D

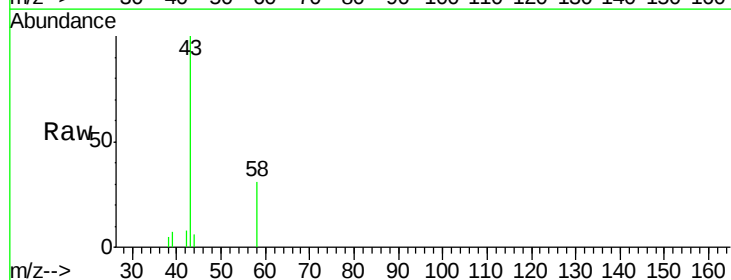
Acq: 07 Jan 2019 14:09

Tgt Ion: 43 Resp: 4030

Ion Ratio Lower Upper

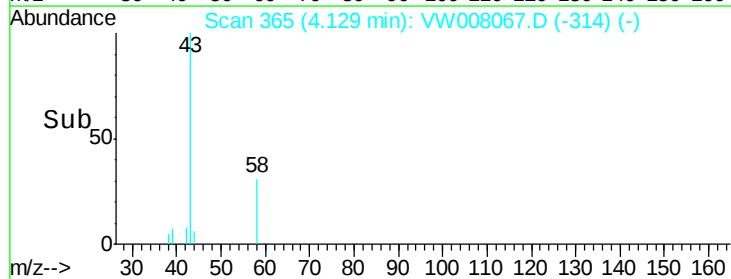
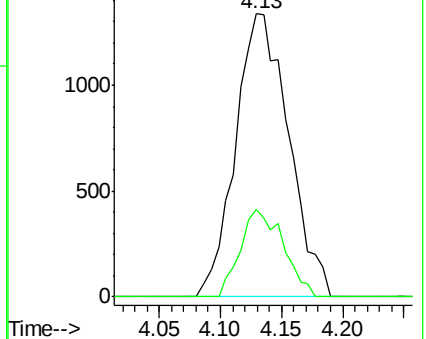
43 100

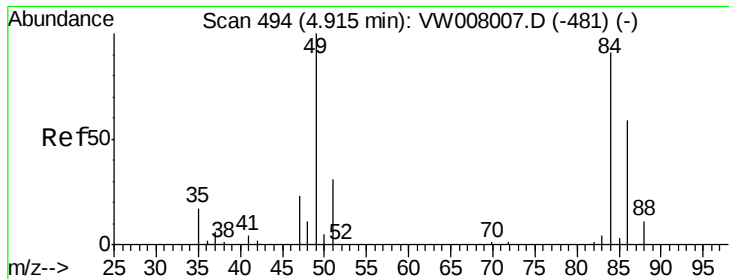
58 30.7 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

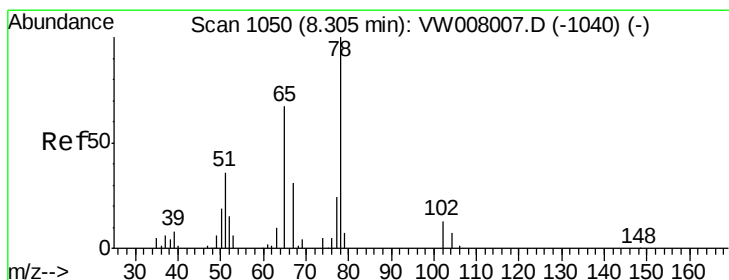
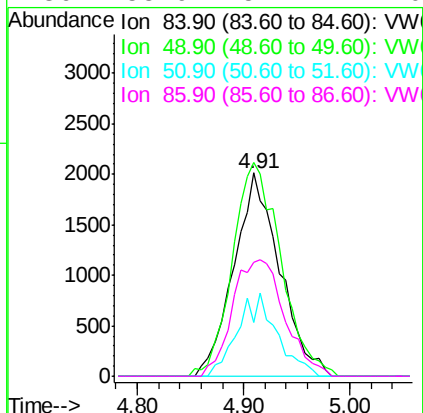
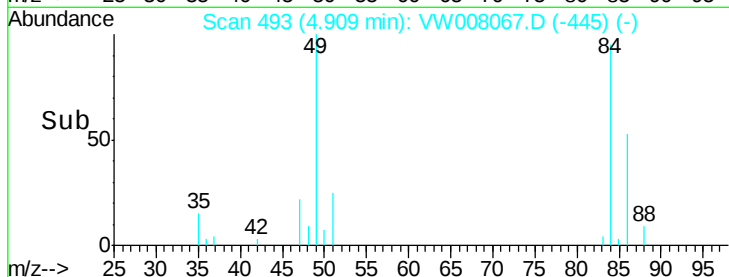
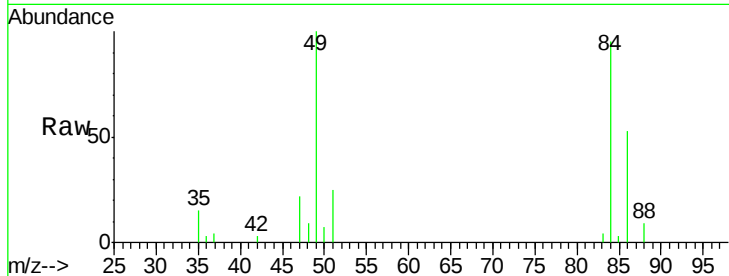




#20
Methylene Chloride
Concen: 5.957 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008067.D
Acq: 07 Jan 2019 14:09

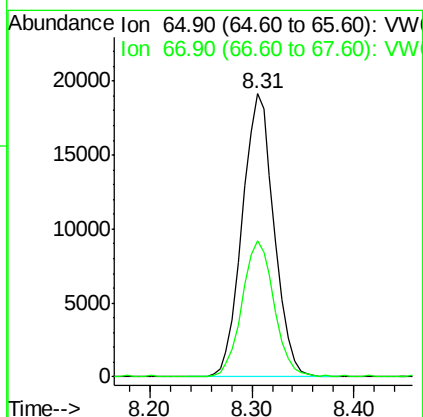
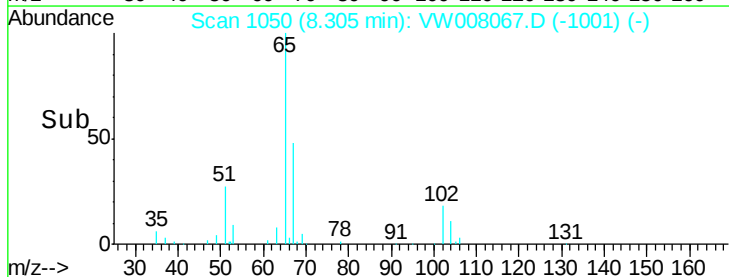
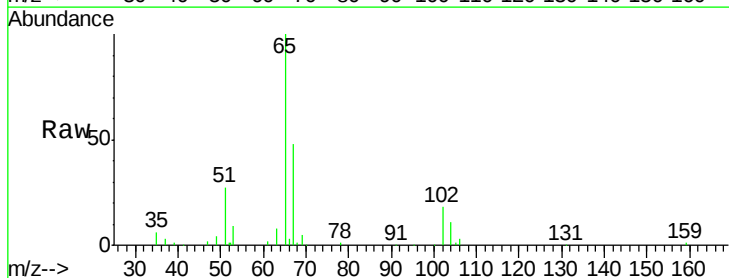
Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-ARE

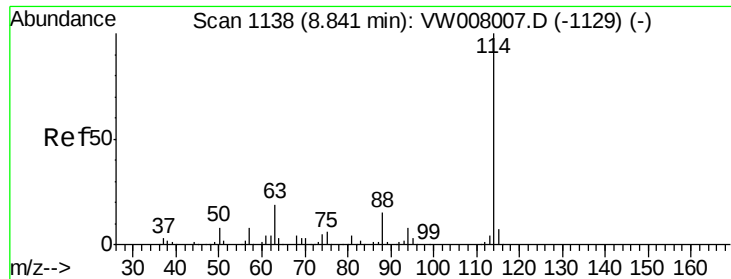
Tot Ion: 84 Resp: 6065
Ion Ratio Lower Upper
84 100
49 105.2 87.7 131.5
51 26.8 27.3 40.9#
86 55.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 52.615 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008067.D
Acq: 07 Jan 2019 14:09

Tgt Ion: 65 Resp: 41525
Ion Ratio Lower Upper
65 100
67 48.9 0.0 94.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008067.D

Acq: 07 Jan 2019 14:09

Instrument :

MSVOA_W

ClientSampleId :

EO-02-010419-ARE

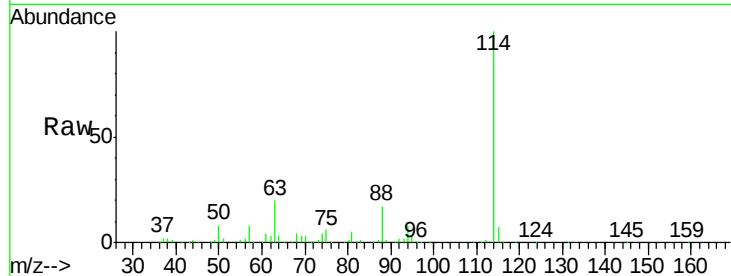
Tot Ion:114 Resp: 117429

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.8

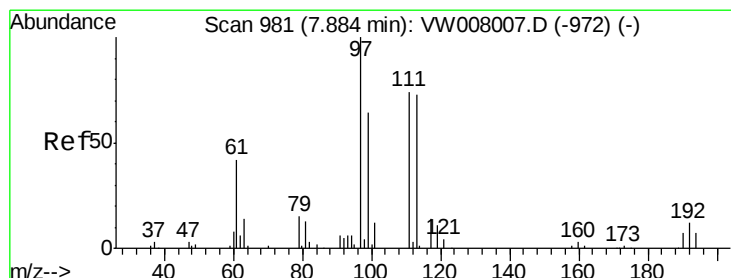
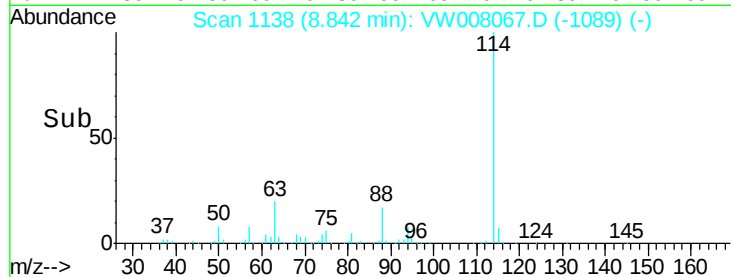
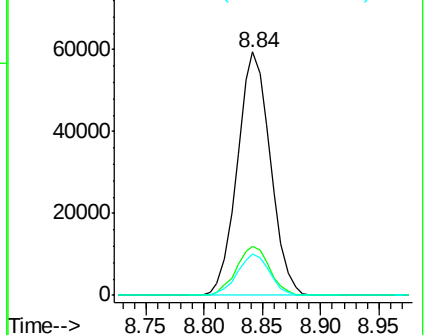
88 16.8 0.0 31.0



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: 48.713 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008067.D

Acq: 07 Jan 2019 14:09

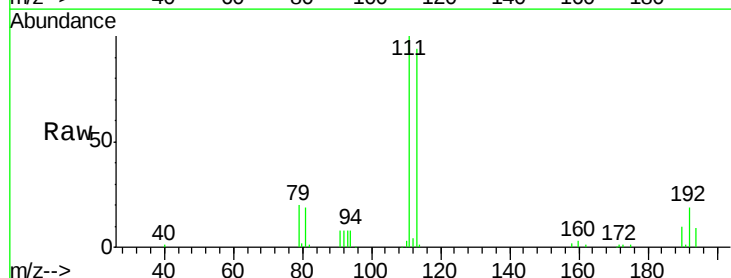
Tgt Ion:113 Resp: 36061

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

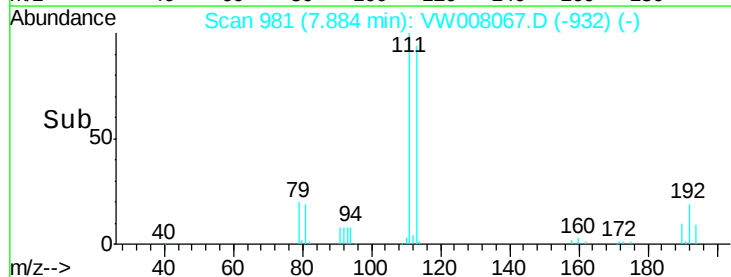
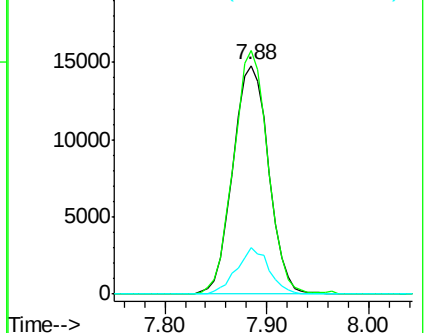
192 18.3 14.8 22.2

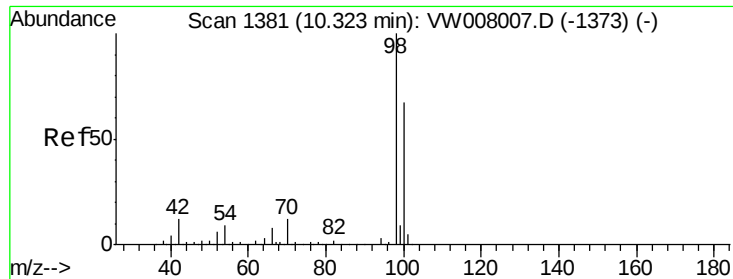


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.485 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008067.D

Acq: 07 Jan 2019 14:09

Instrument :

MSVOA_W

ClientSampleId :

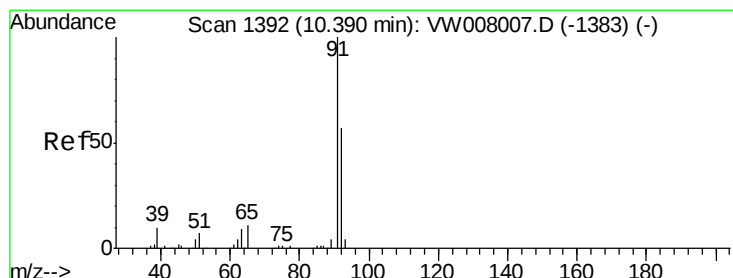
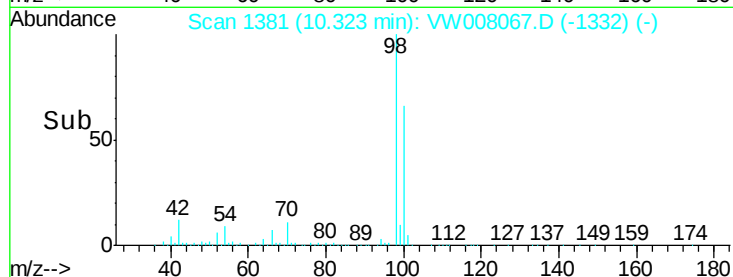
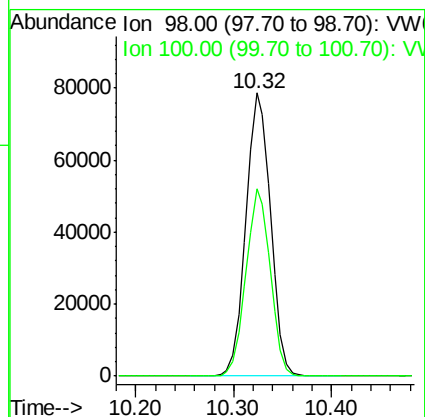
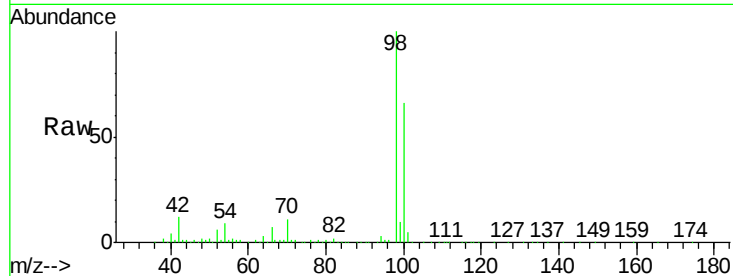
EO-02-010419-ARE

Tot Ion: 98 Resp: 137417

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3



#52

Toluene

Concen: 1.412 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008067.D

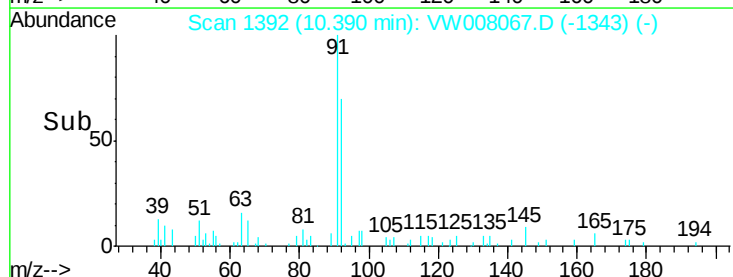
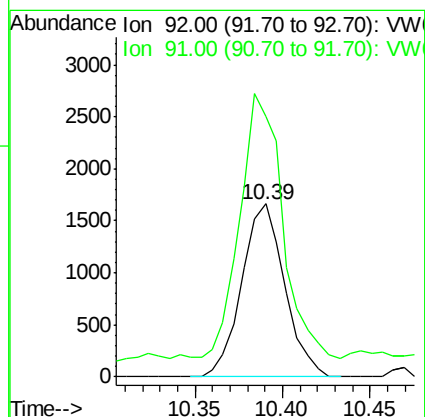
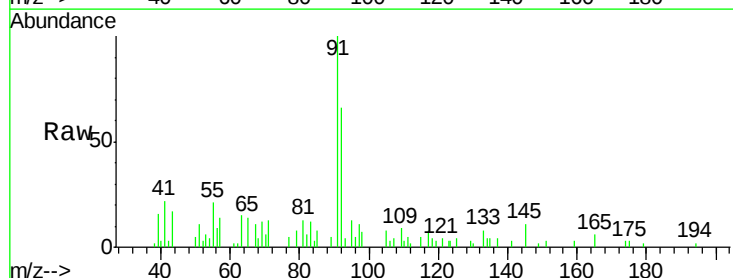
Acq: 07 Jan 2019 14:09

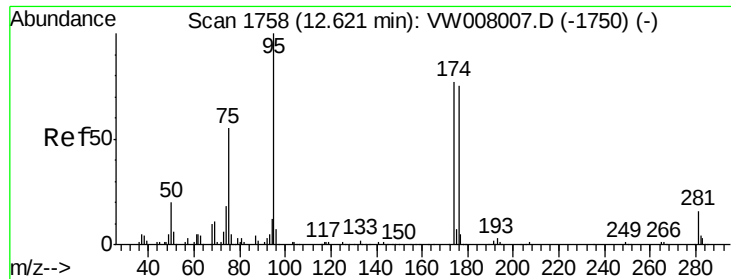
Tgt Ion: 92 Resp: 2848

Ion Ratio Lower Upper

92 100

91 159.3 136.9 205.3





#62

4-Bromofluorobenzene

Concen: 39.383 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008067.D

Acq: 07 Jan 2019 14:09

Instrument :

MSVOA_W

ClientSampleId :

EO-02-010419-ARE

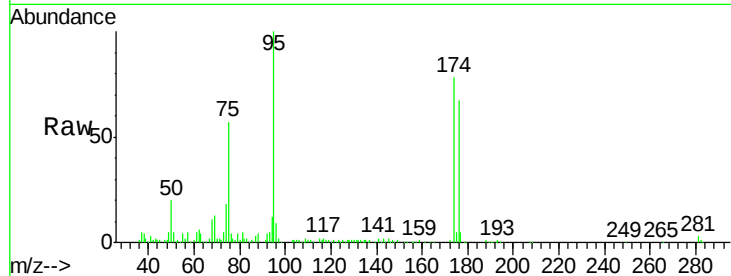
Tot Ion: 95 Resp: 41942

Ion Ratio Lower Upper

95 100

174 76.0 0.0 149.6

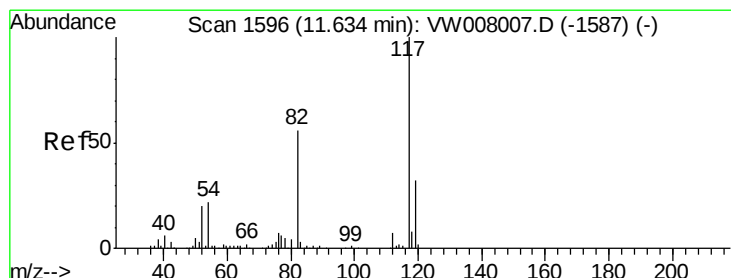
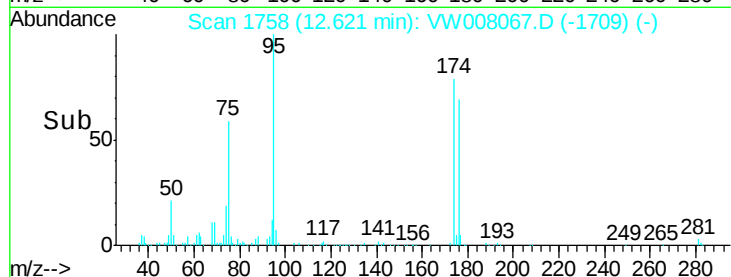
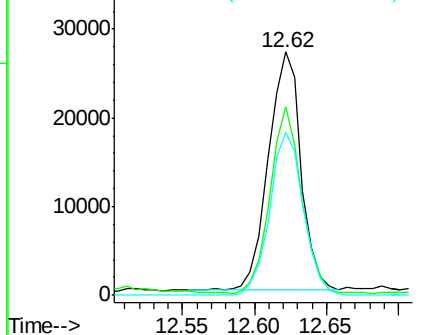
176 71.1 0.0 145.4



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. 0.00 min

Lab File: VW008067.D

Acq: 07 Jan 2019 14:09

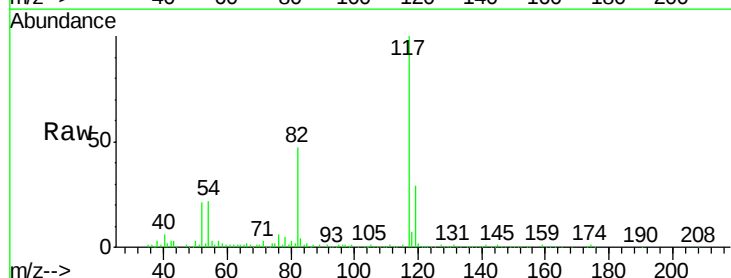
Tgt Ion: 117 Resp: 92182

Ion Ratio Lower Upper

117 100

82 47.2 44.8 67.2

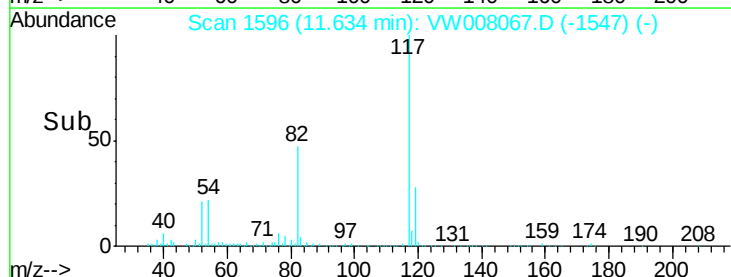
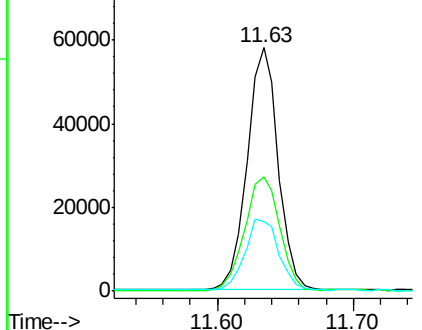
119 28.4 25.6 38.4

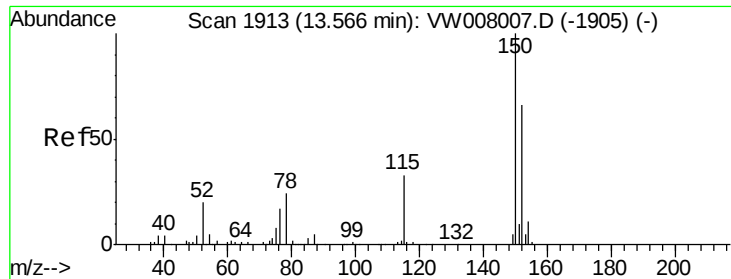


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



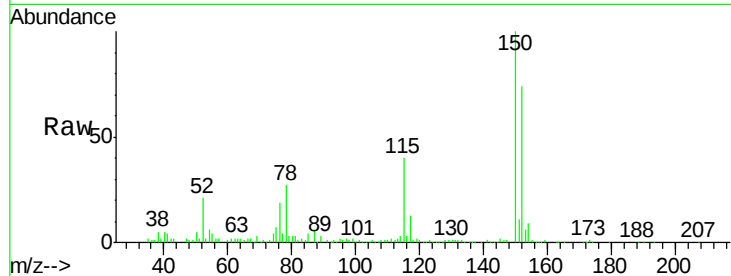


#72

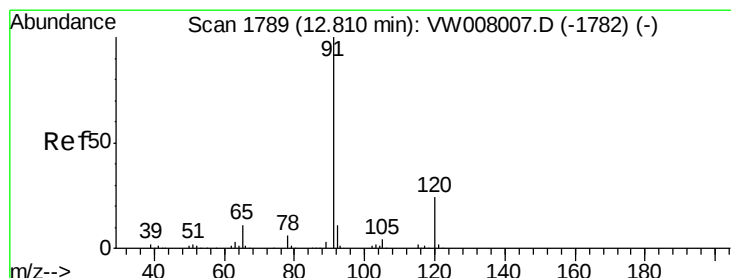
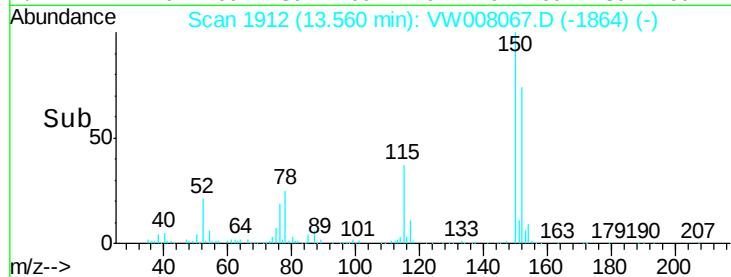
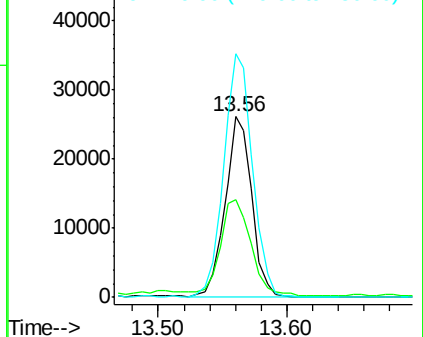
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008067.D
Acq: 07 Jan 2019 14:09

Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-ARE

Tot Ion:152 Resp: 38135
Ion Ratio Lower Upper
152 100
115 60.3 32.1 96.5
150 145.2 0.0 345.0



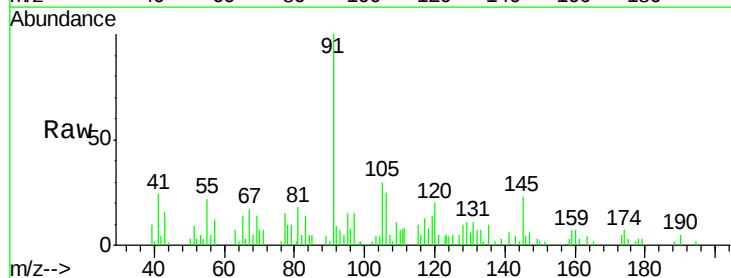
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



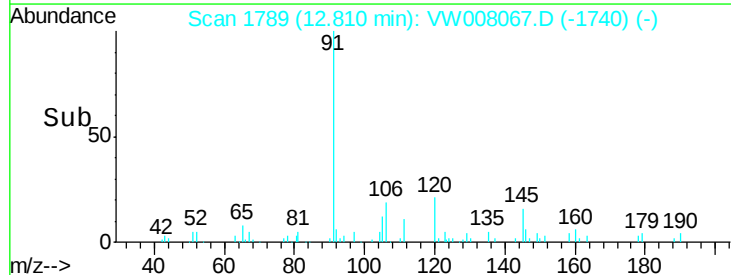
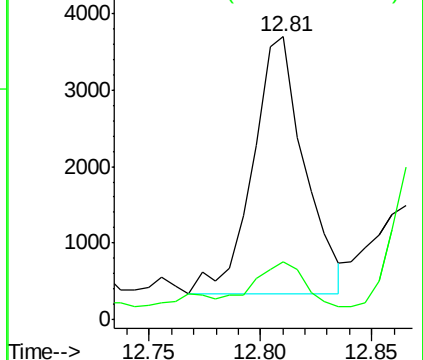
#78

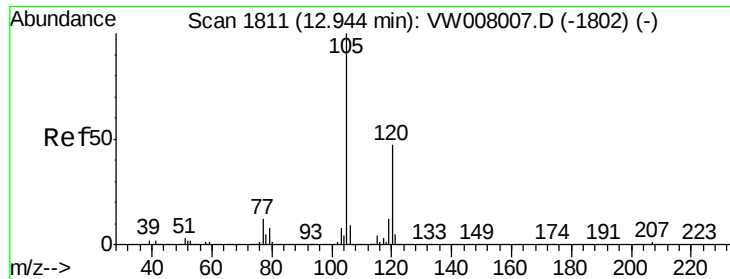
n-propylbenzene
Concen: 1.555 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW008067.D
Acq: 07 Jan 2019 14:09

Tgt Ion: 91 Resp: 5468
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V

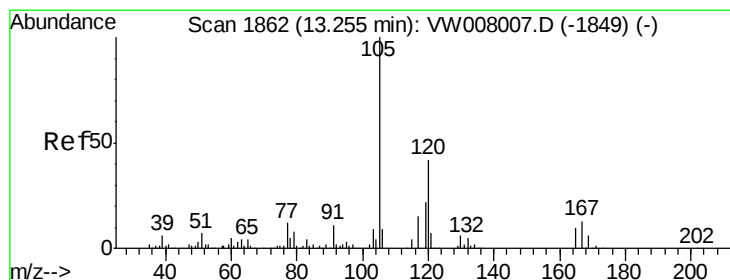
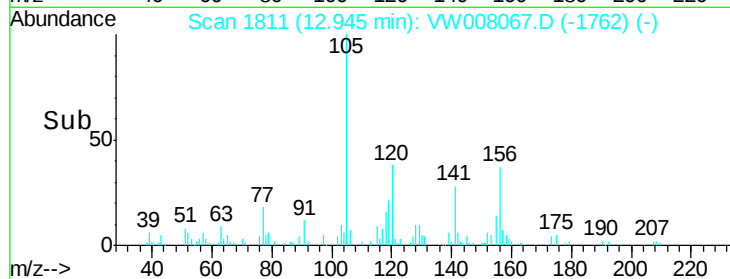
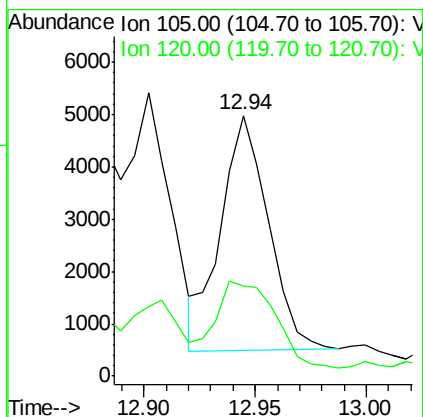
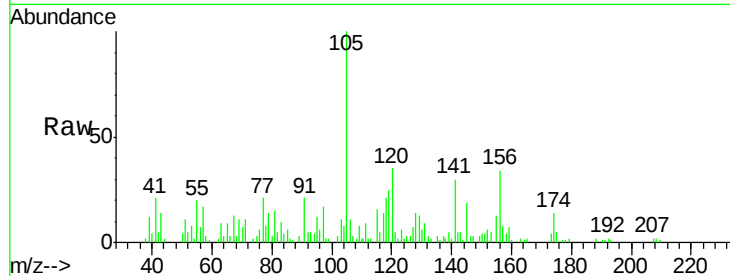




#80
 1,3,5-Trimethylbenzene
 Concen: 2.558 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008067.D
 Acq: 07 Jan 2019 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-010419-ARE

Tot Ion:105 Resp: 6676
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.3 69.9



#84
 1,2,4-Trimethylbenzene
 Concen: 6.799 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008067.D
 Acq: 07 Jan 2019 14:09

Tgt Ion:105 Resp: 17976
 Ion Ratio Lower Upper
 105 100
 120 48.7 21.5 64.5

