

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
 Data File : VW006922.D
 Acq On : 16 Nov 2018 17:48
 Operator : SY/AP
 Sample : J5979-03MS
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETO65MS

Quant Time: Nov 17 01:32:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 23:51:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	182491	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	159688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	58954	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34053	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.08%
7) Chloroethane-d5	2.89	69	25888	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.96%
10) 1,1-Dichloroethene-d2	4.03	63	92868	21.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.84%
20) 2-Butanone-d5	7.09	46	24939	27.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.86%
24) Chloroform-d	7.65	84	87179	21.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.32%
26) 1,2-Dichloroethane-d4	8.31	65	52245	22.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.64%
29) Benzene-d6	8.28	84	180281	21.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.40%
33) 1,2-Dichloropropane-d6	9.28	67	55311	21.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.60%
37) Toluene-d8	10.33	98	181156	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.76%
38) trans-1,3-Dichloropropene-	10.59	79	21487	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.32%
39) 2-Hexanone-d5	10.93	63	20615	32.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38888	17.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	43682	19.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.28%

Target Compounds

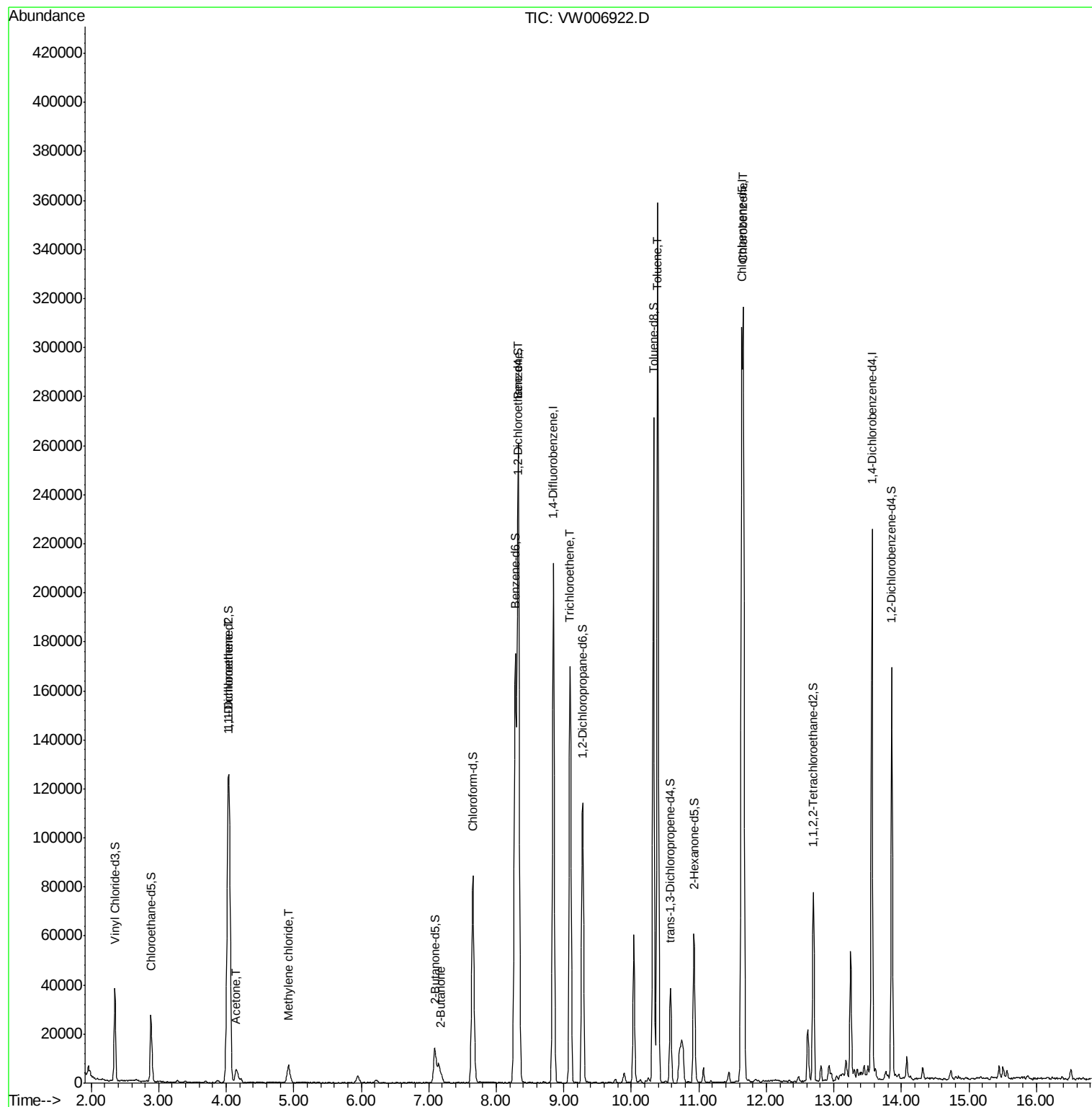
					Ovalue
12) 1,1-Dichloroethene	4.04	96	50352	24.152	ug/L 96
13) Acetone	4.15	43	10226	17.777	ug/L 96
16) Methylene chloride	4.92	84	5335	1.672	ug/L 95
21) 2-Butanone	7.18	43	5179	5.218	ug/L # 68
34) Benzene	8.33	78	231468	25.919	ug/L 100
35) Trichloroethene	9.10	95	60614	24.919	ug/L 98
44) Toluene	10.39	91	264305	25.848	ug/L 100
52) Chlorobenzene	11.66	112	156840	24.387	ug/L 98

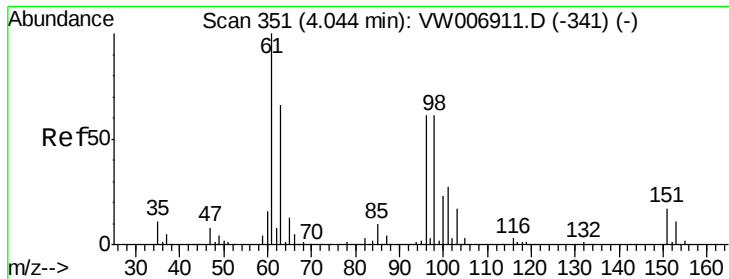
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.152 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW006922.D

Acq: 16 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

ETO65MS

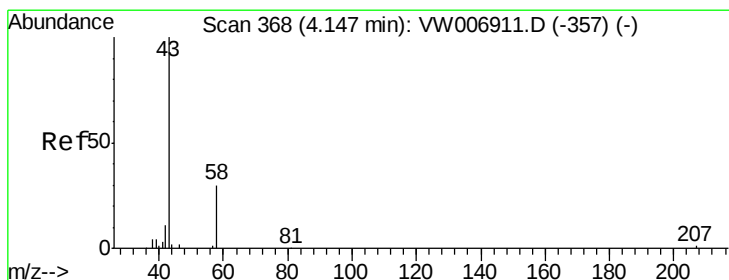
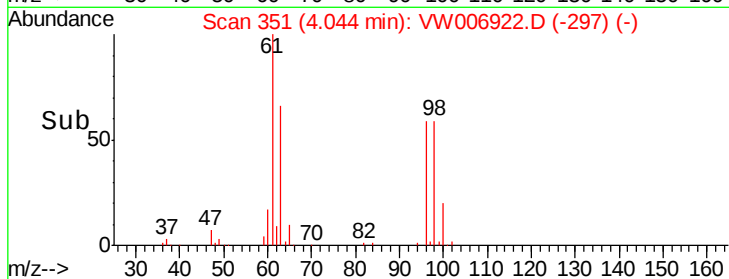
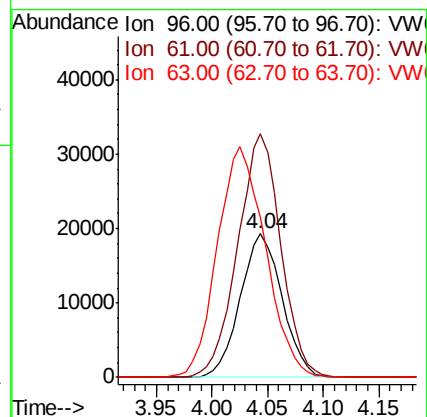
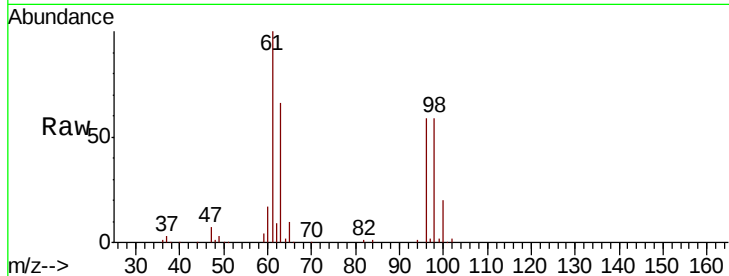
Tot Ion: 96 Resp: 50352

Ion Ratio Lower Upper

96 100

61 169.8 116.3 215.9

63 111.5 73.4 136.4



#13

Acetone

Concen: 17.777 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006922.D

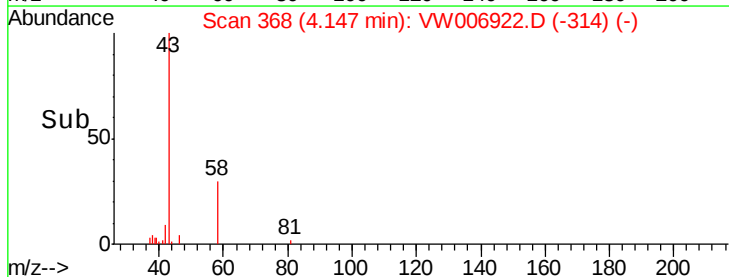
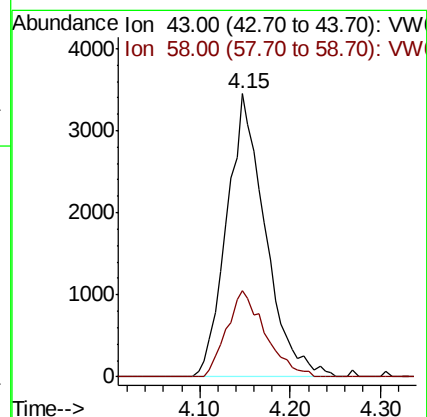
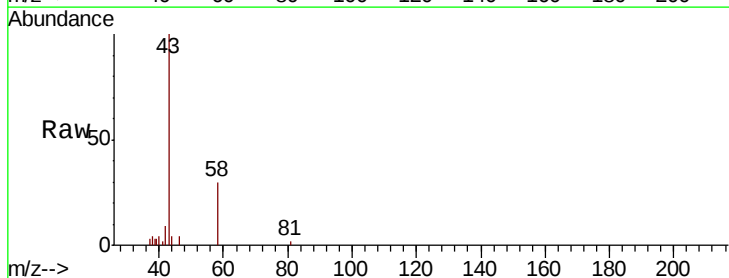
Acq: 16 Nov 2018 17:48

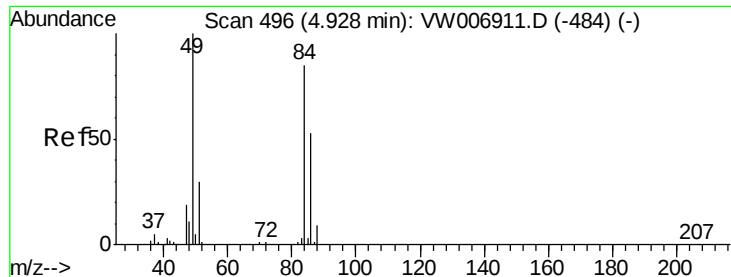
Tgt Ion: 43 Resp: 10226

Ion Ratio Lower Upper

43 100

58 30.5 0.0 65.6

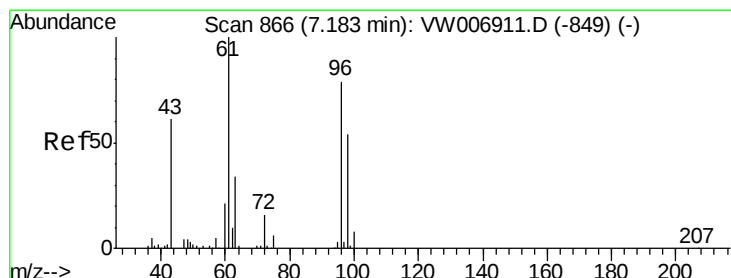
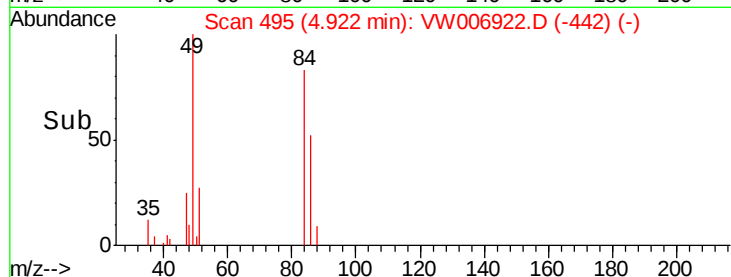
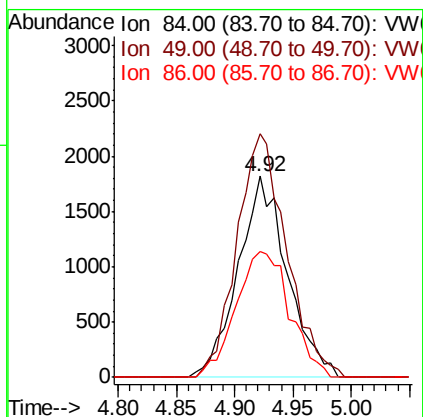
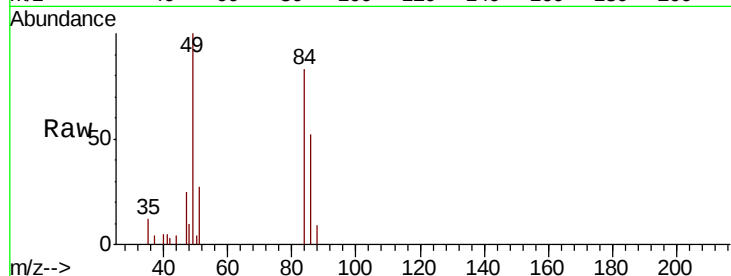




#16
Methylene chloride
Concen: 1.672 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW006922.D
Acq: 16 Nov 2018 17:48

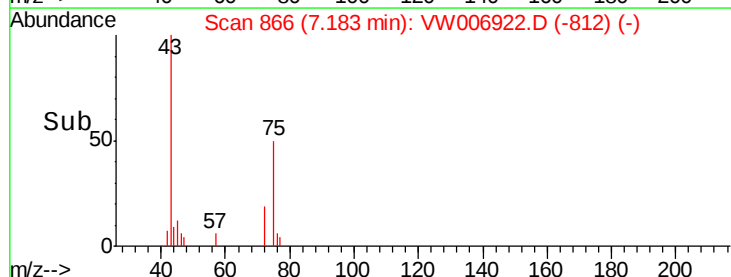
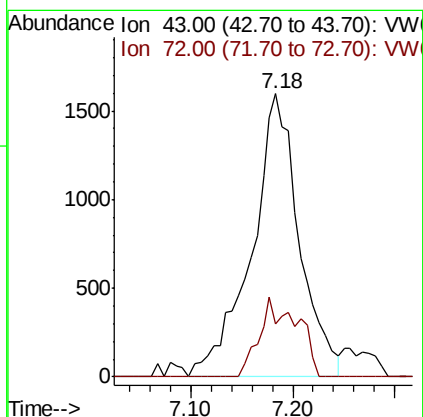
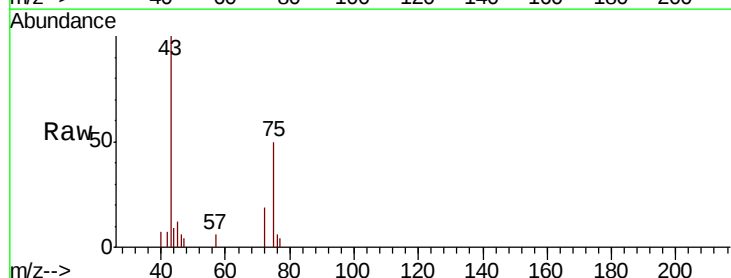
Instrument :
MSVOA_W
ClientSampleId :
ETO65MS

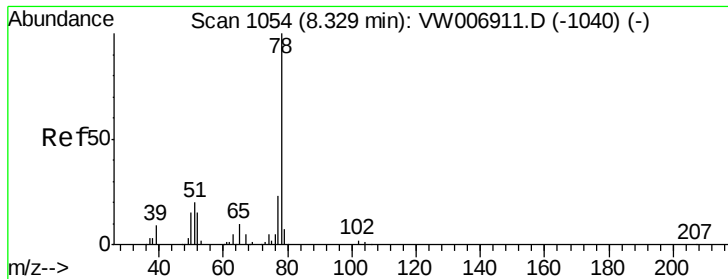
Tot Ion: 84 Resp: 5335
Ion Ratio Lower Upper
84 100
49 120.9 79.3 147.3
86 62.5 43.5 80.9



#21
2-Butanone
Concen: 5.218 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW006922.D
Acq: 16 Nov 2018 17:48

Tgt Ion: 43 Resp: 5179
Ion Ratio Lower Upper
43 100
72 10.3 13.5 40.5#





#34

Benzene

Concen: 25.919 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW006922.D

Acq: 16 Nov 2018 17:48

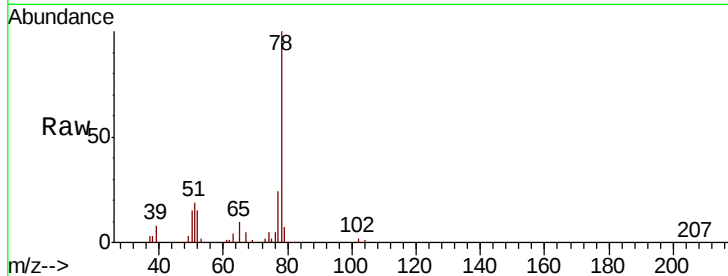
Instrument :

MSVOA_W

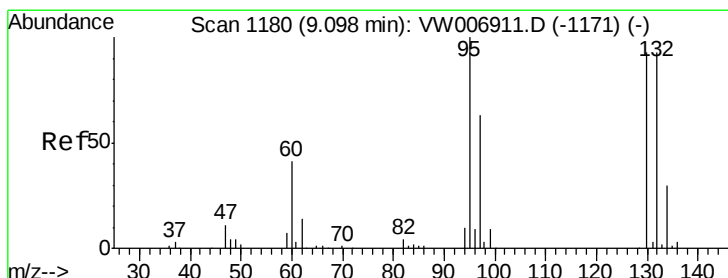
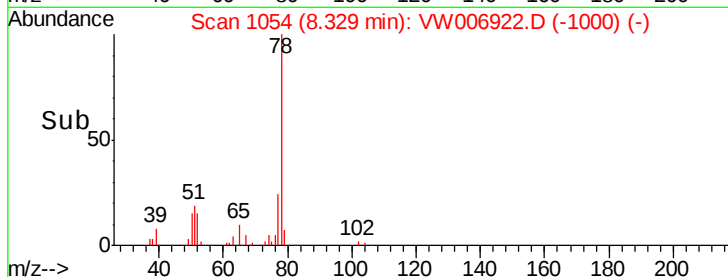
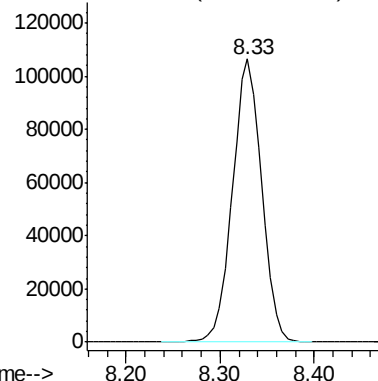
ClientSampleId :

ETO65MS

Tgt Ion: 78 Resp: 231468



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.919 ug/L

RT: 9.10 min Scan# 1180

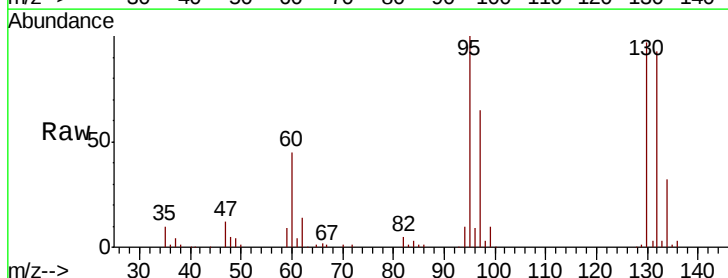
Delta R.T. 0.00 min

Lab File: VW006922.D

Acq: 16 Nov 2018 17:48

Tgt Ion: 95 Resp: 60614

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.1	83.9
132	95.6	65.7	121.9
130	100.6	68.7	127.7

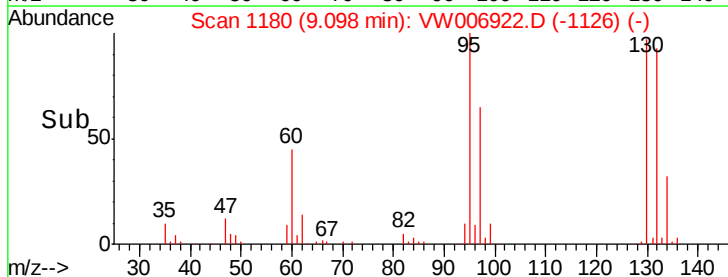
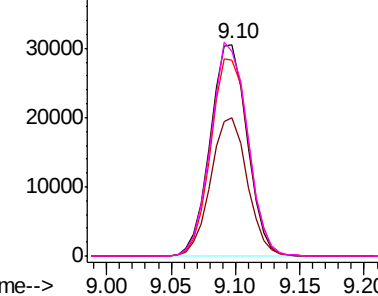


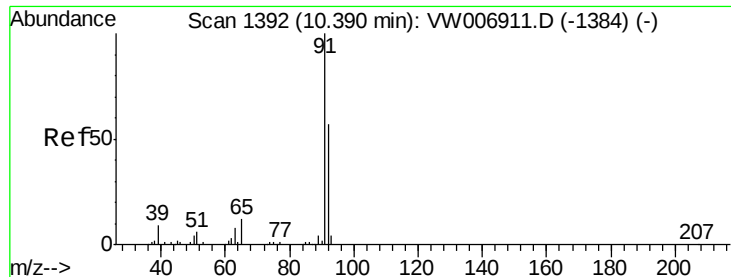
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 25.848 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006922.D

Acq: 16 Nov 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

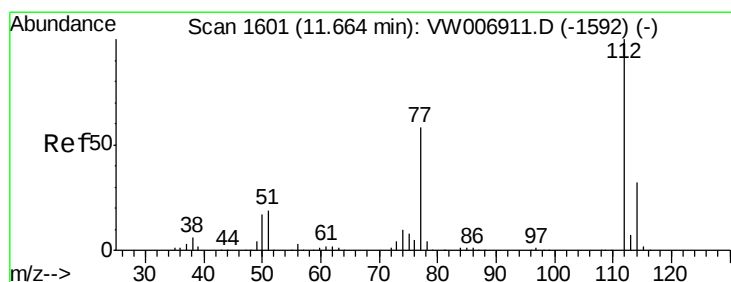
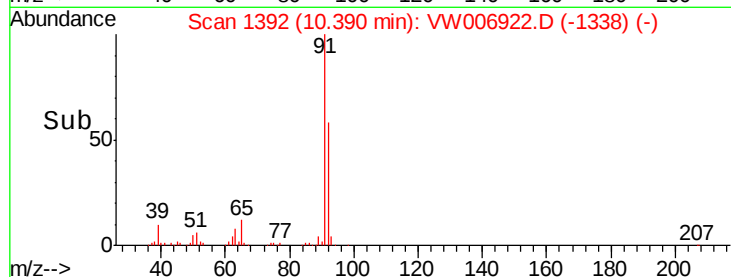
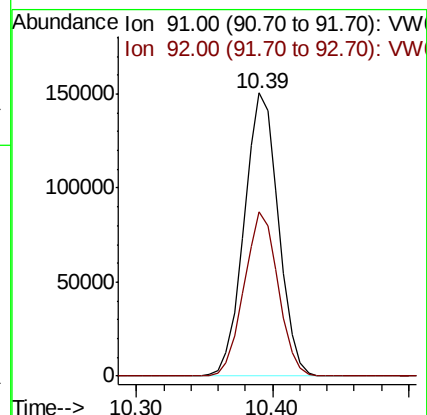
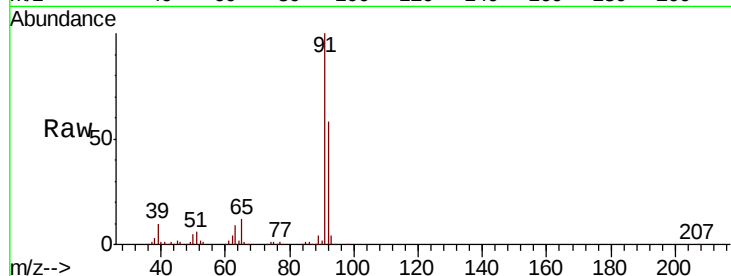
ETO65MS

Tot Ion: 91 Resp: 264305

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.3



#52

Chlorobenzene

Concen: 24.387 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW006922.D

Acq: 16 Nov 2018 17:48

Tgt Ion: 112 Resp: 156840

Ion Ratio Lower Upper

112 100

77 61.1 47.8 71.8

114 31.3 22.3 41.5

