

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100518\
 Data File : VW005859.D
 Acq On : 04 Oct 2018 16:53
 Operator : SY/AP
 Sample : J5251-02MS
 Misc : 2.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H2TS3MS

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 12:28:50 PM

Quant Time: Oct 05 03:45:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 05 01:16:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	259657	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261512	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	122964	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	43006	12.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.96%
7) Chloroethane-d5	2.90	69	39842	15.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.72%
10) 1,1-Dichloroethene-d2	4.02	63	133103	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	7.09	46	42027	39.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.10%
24) Chloroform-d	7.65	84	139664	20.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.76%
26) 1,2-Dichloroethane-d4	8.31	65	84899	21.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.04%
29) Benzene-d6	8.28	84	233649	18.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.20%
33) 1,2-Dichloropropane-d6	9.27	67	70754	18.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.64%
37) Toluene-d8	10.33	98	226181	17.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.80%
38) trans-1,3-Dichloropropene-	10.58	79	36593	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.48%
39) 2-Hexanone-d5	10.93	63	32812	37.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72185	19.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	92522	21.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	95096	28.207	ug/L	88
13) Acetone	4.13	43	2733	2.470	ug/L	73
16) Methylene chloride	4.92	84	8691m	2.030	ug/L	
34) Benzene	8.32	78	414582	28.057	ug/L	100
35) Trichloroethene	9.10	95	105207	26.614	ug/L	100
44) Toluene	10.39	91	470712	28.506	ug/L	100
52) Chlorobenzene	11.66	112	305778	28.149	ug/L	98

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

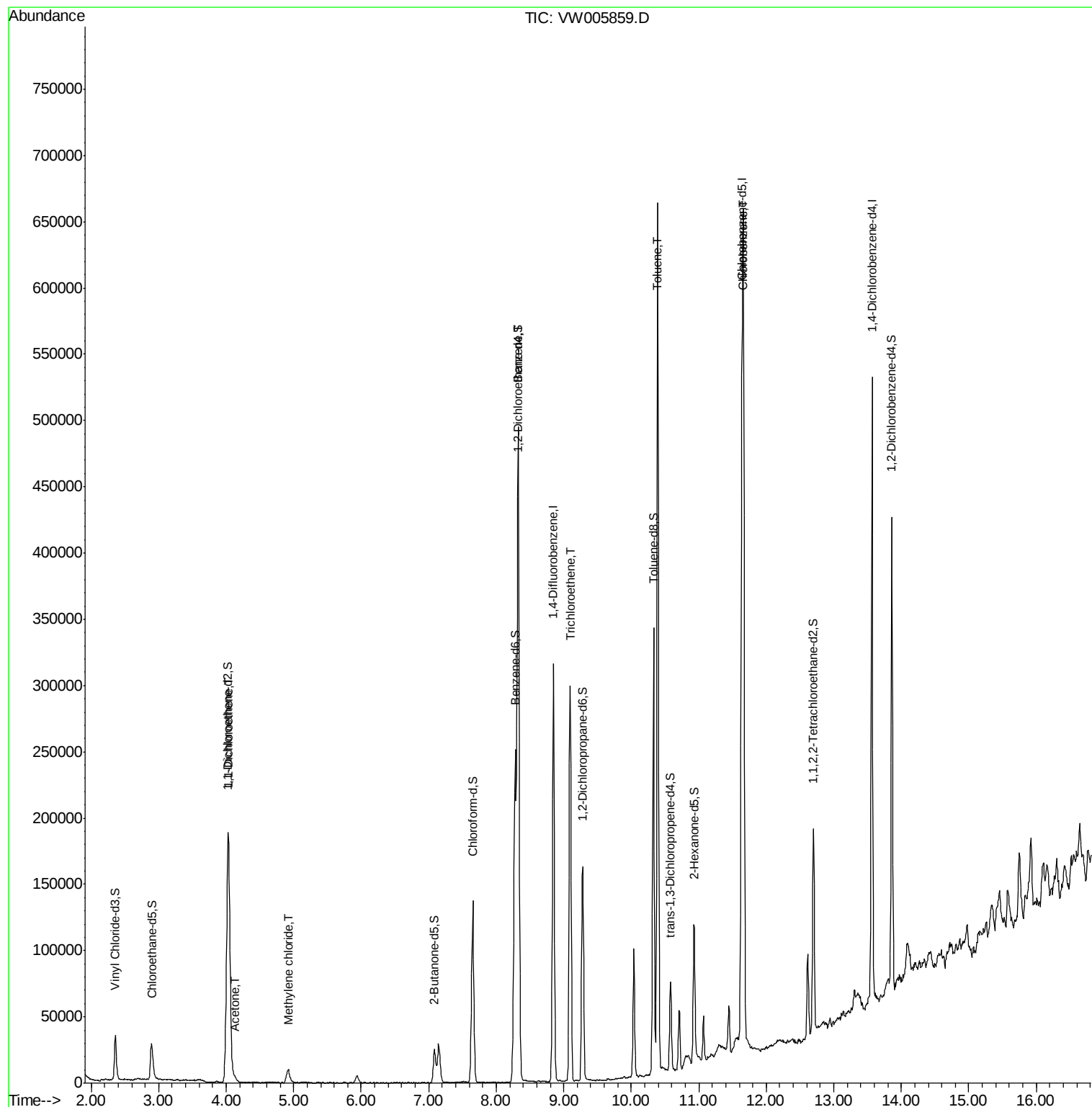
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100518\
Data File : VW005859.D
Acq On : 04 Oct 2018 16:53
Operator : SY/AP
Sample : J5251-02MS
Misc : 2.83G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

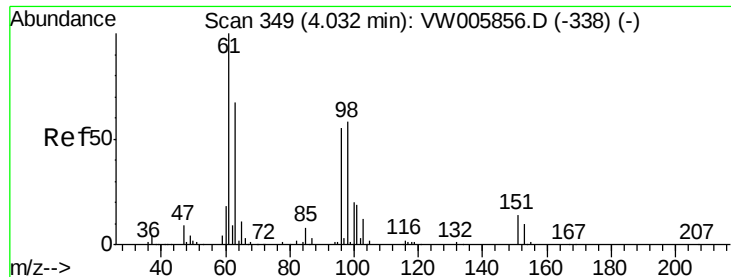
Instrument :
MSVOA_W
ClientSampleId :
H2TS3MS

Manual Integrations
APPROVED

MMDadoda
10/5/2018 12:28:50 PM

Quant Time: Oct 05 03:45:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 05 01:16:24 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 28.207 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW005859.D

Acq: 04 Oct 2018 16:53

Instrument :

MSVOA_W

ClientSampleId :

H2TS3MS

Tot Ion: 96 Resp: 95096

Ion Ratio Lower Upper

96 100

61 176.9 121.4 225.6

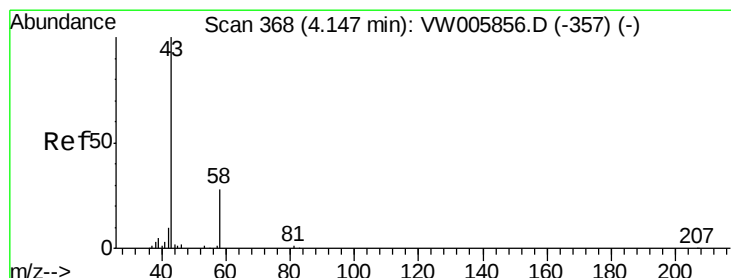
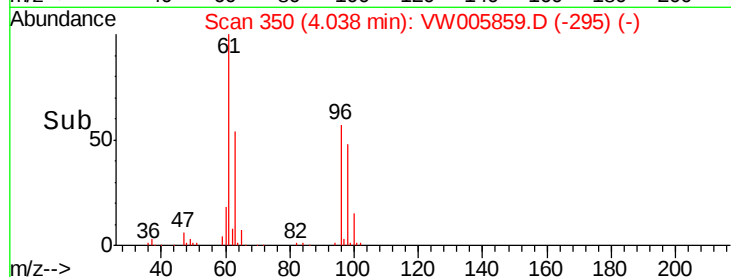
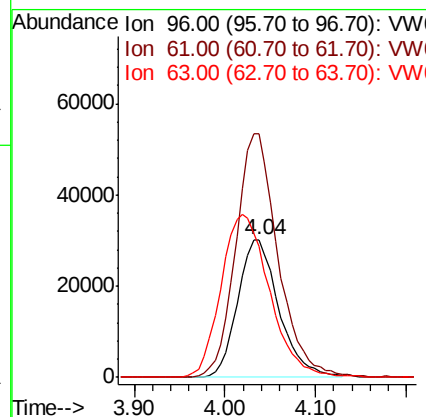
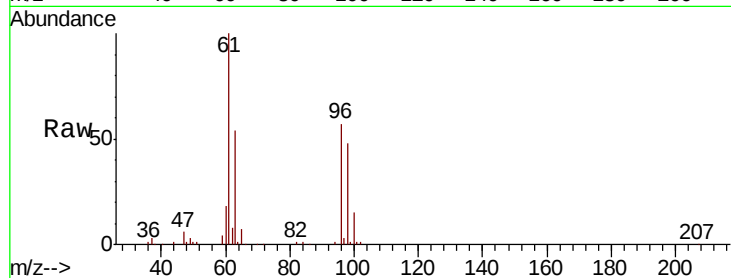
63 95.0 87.2 161.9

Manual Integrations

APPROVED

MMDadoda

10/5/2018 12:28:50 PM



#13

Acetone

Concen: 2.470 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW005859.D

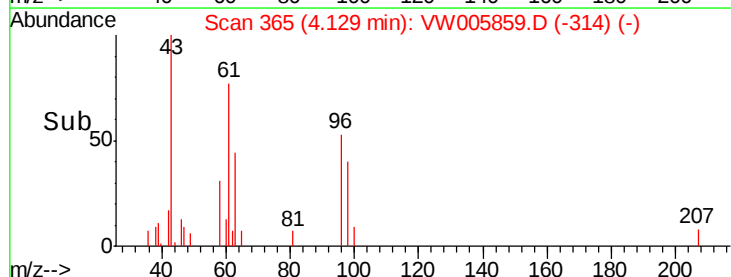
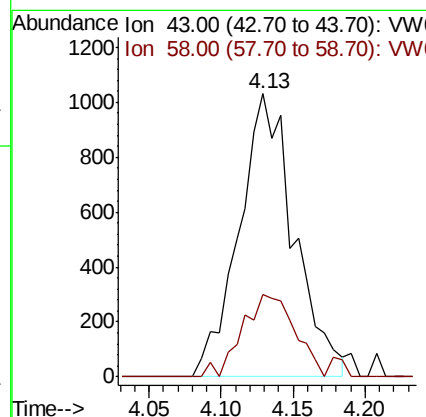
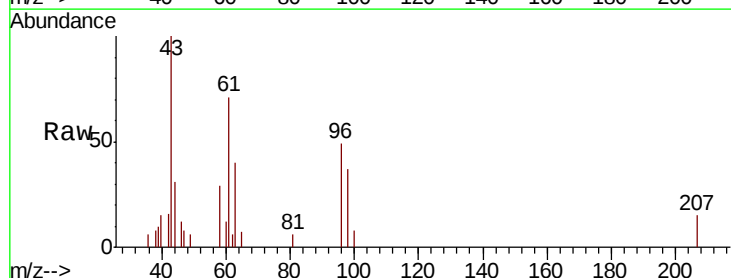
Acq: 04 Oct 2018 16:53

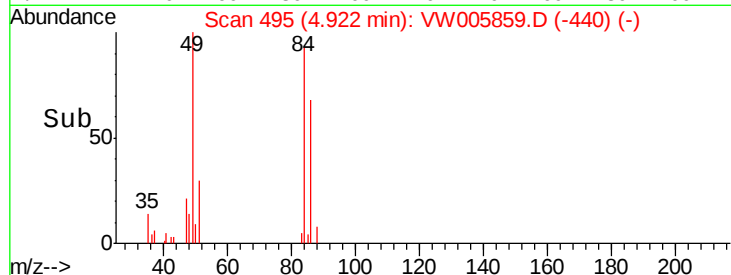
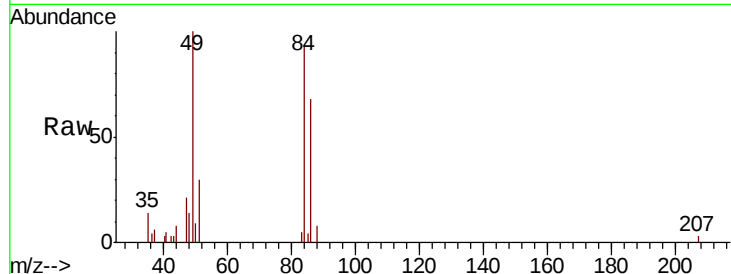
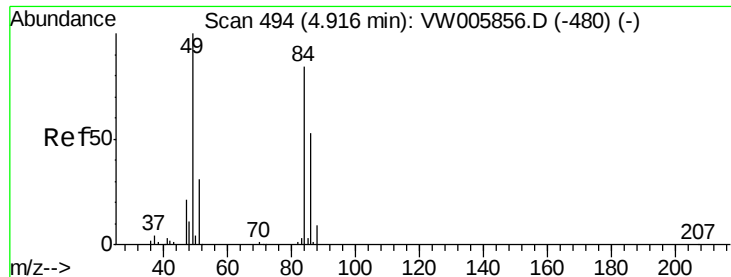
Tgt Ion: 43 Resp: 2733

Ion Ratio Lower Upper

43 100

58 27.1 0.0 31.8





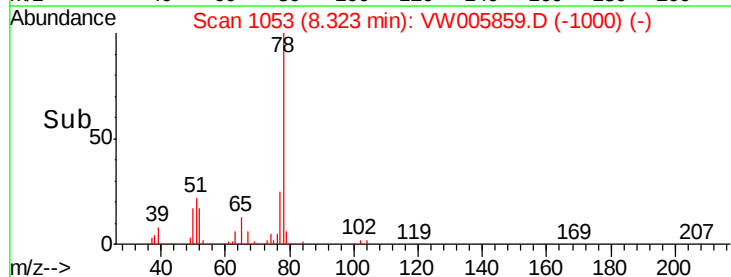
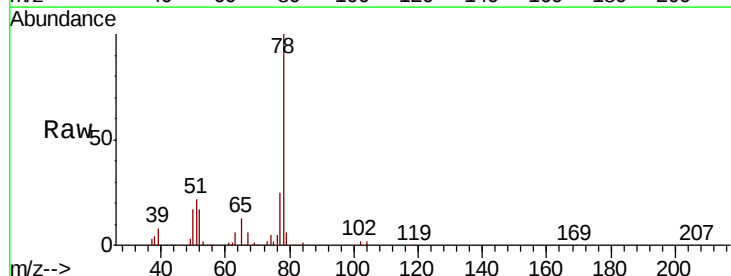
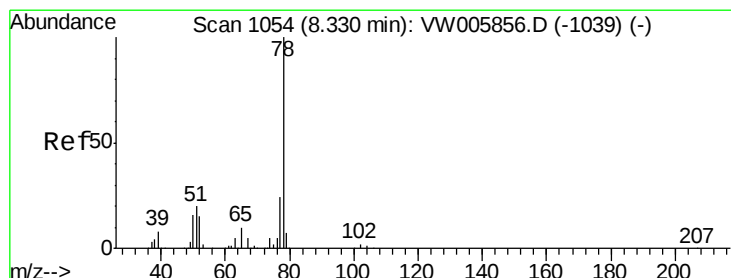
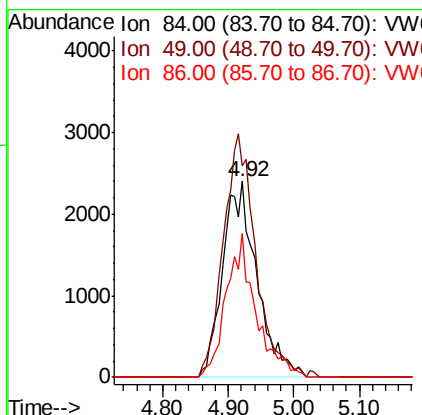
#16
Methvlene chloride
Concen: 2.030 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW005859.D
Acq: 04 Oct 2018 16:53

Tot Ion	Ratio	Lower	Upper
84	100		
49	107.7	87.2	162.0
86	73.3	43.2	80.2

Instrument :
MSVOA_W
ClientSampleId :
H2TS3MS

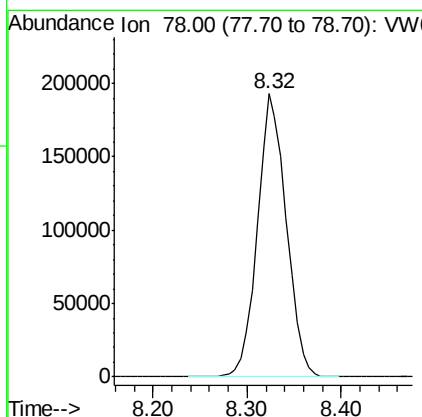
Manual Integrations
APPROVED

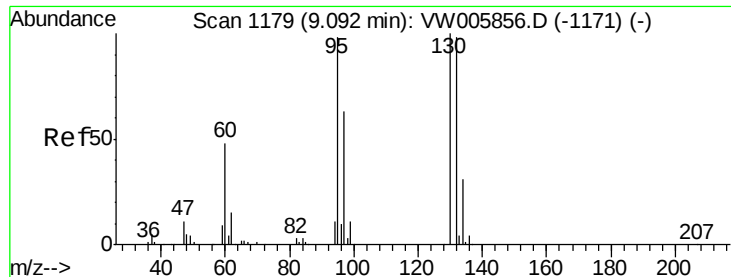
MMDadoda
10/5/2018 12:28:50 PM



#34
Benzene
Concen: 28.057 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005859.D
Acq: 04 Oct 2018 16:53

Tgt Ion: 78 Resp: 414582





#35

Trichloroethene

Concen: 26.614 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW005859.D

Acq: 04 Oct 2018 16:53

Instrument :

MSVOA_W

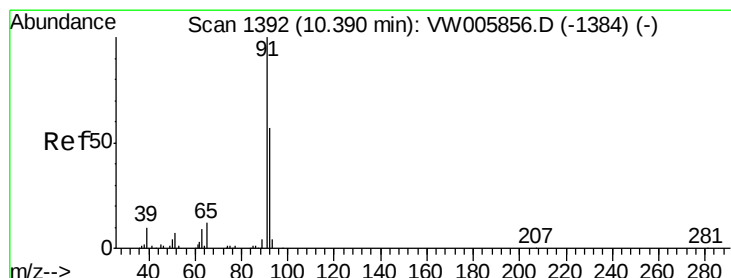
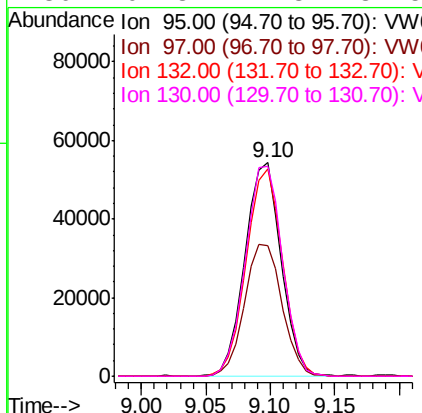
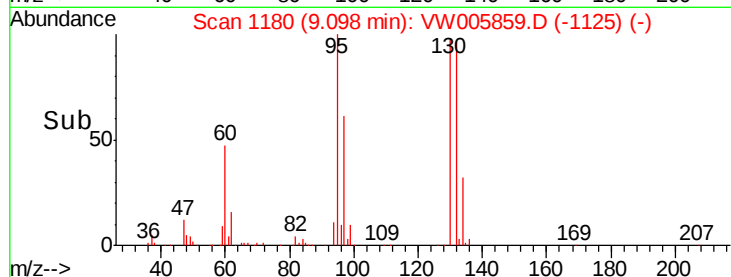
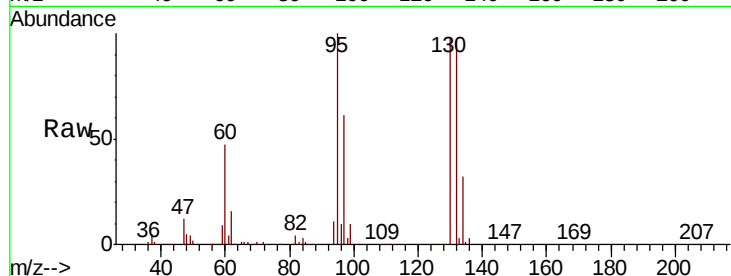
ClientSampleId :

H2TS3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	64.3	45.2	84.0		
132	97.6	68.0	126.4		
130	101.3	71.3	132.5		

Manual Integrations
APPROVED

MMDadoda
10/5/2018 12:28:50 PM



#44

Toluene

Concen: 28.506 ug/L

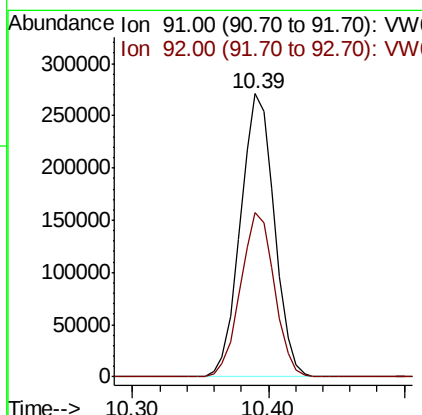
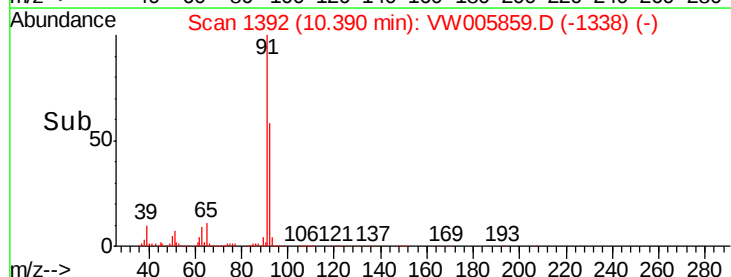
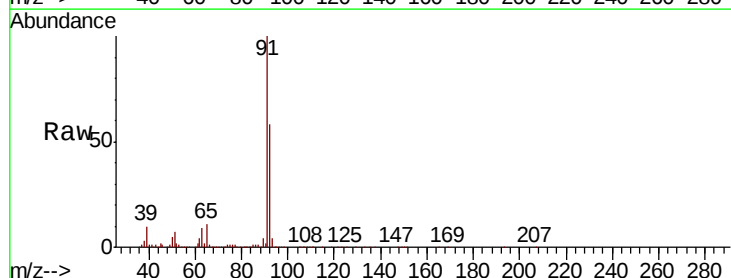
RT: 10.39 min Scan# 1392

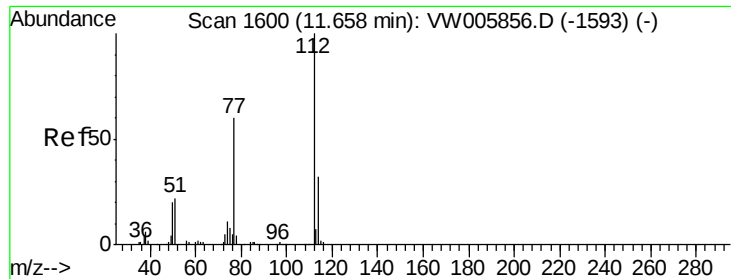
Delta R.T. -0.00 min

Lab File: VW005859.D

Acq: 04 Oct 2018 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	58.0	40.7	75.5		





#52
Chlorobenzene
Concen: 28.149 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW005859.D
Acq: 04 Oct 2018 16:53

Instrument :
MSVOA_W
ClientSampleId :
H2TS3MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	305778		
77	60.3		46.7	70.1
114	32.0		21.8	40.6

Manual Integrations
APPROVED

MMDadoda
10/5/2018 12:28:50 PM

