

Data File : VW005860.D
Acq On : 04 Oct 2018 17:19
Operator : SY/AP
Sample : J5251-03MSD
Misc : 3.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H2TS3MSD

Quant Time: Oct 05 01:16:54 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	252761	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	252707	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	107151	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	45089	13.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.96%
7) Chloroethane-d5	2.89	69	39643	15.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.08%
10) 1,1-Dichloroethene-d2	4.02	63	128471	18.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.04%
20) 2-Butanone-d5	7.09	46	43336	41.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.78%
24) Chloroform-d	7.65	84	139406	21.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.88%
26) 1,2-Dichloroethane-d4	8.31	65	84525	21.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.96%
29) Benzene-d6	8.28	84	238554	19.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.28%
33) 1,2-Dichloropropane-d6	9.28	67	71389	19.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.96%
37) Toluene-d8	10.33	98	224856	18.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.84%
38) trans-1,3-Dichloropropene-	10.58	79	37306	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.60%
39) 2-Hexanone-d5	10.93	63	33816	39.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75656	21.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	81312	21.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.80%

Target Compounds

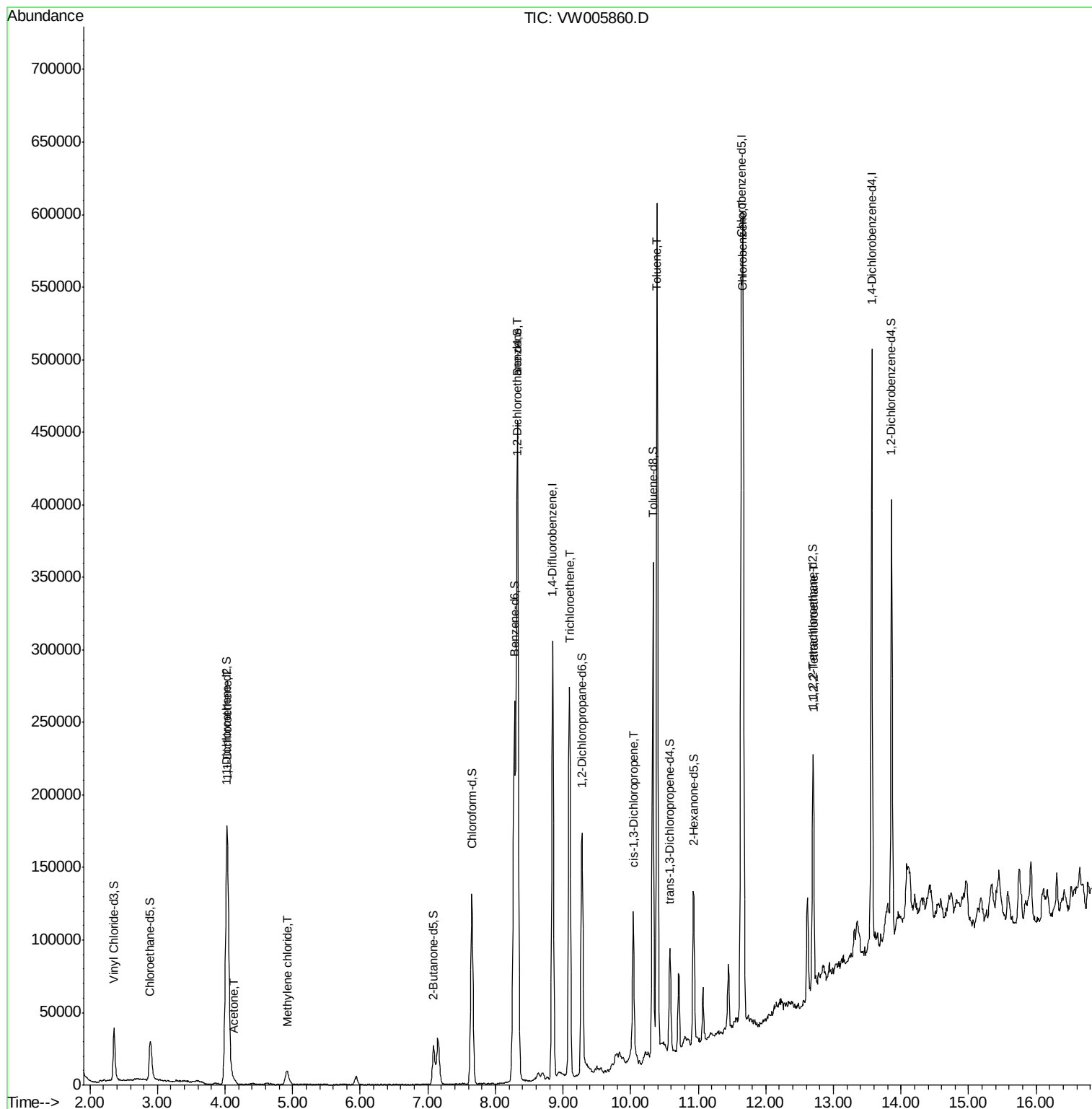
						Qvalue
12) 1,1-Dichloroethene	4.04	96	86811	26.452	ug/L	90
13) Acetone	4.14	43	3168	2.941	ug/L	89
16) Methylene chloride	4.92	84	8166	1.959	ug/L	88
34) Benzene	8.33	78	383804	26.879	ug/L	100
35) Trichloroethene	9.10	95	93862	24.571	ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	2592	0.451	ug/L #	81
44) Toluene	10.39	91	419613	26.297	ug/L	100
52) Chlorobenzene	11.66	112	270420	25.761	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	3795	1.025	ug/L #	72

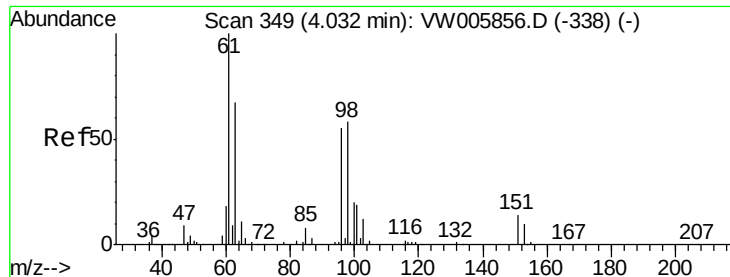
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 26.452 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW005860.D

Acq: 04 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampled :

H2TS3MSD

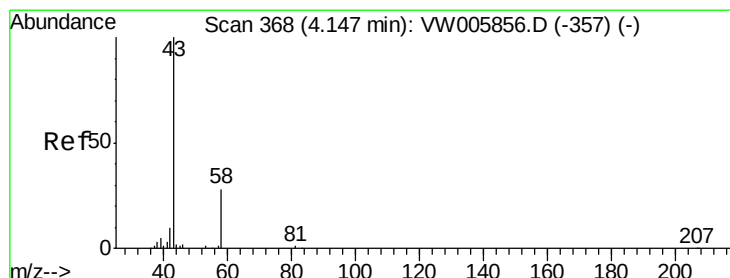
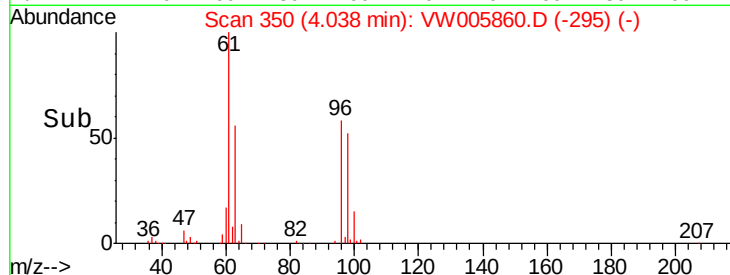
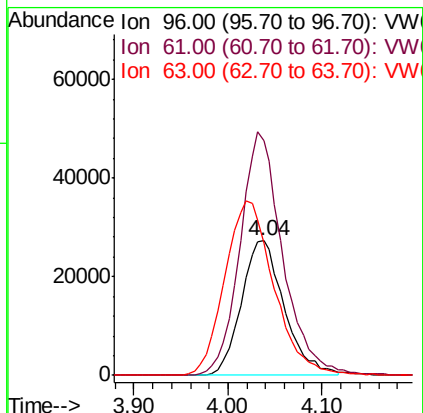
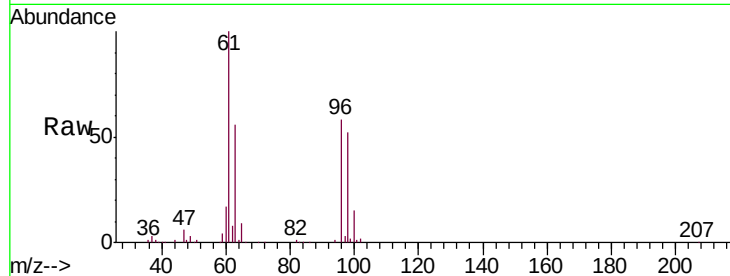
Tgt Ion: 96 Resp: 86811

Ion Ratio Lower Upper

96 100

61 173.9 121.4 225.6

63 97.8 87.2 161.9



#13

Acetone

Concen: 2.941 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005860.D

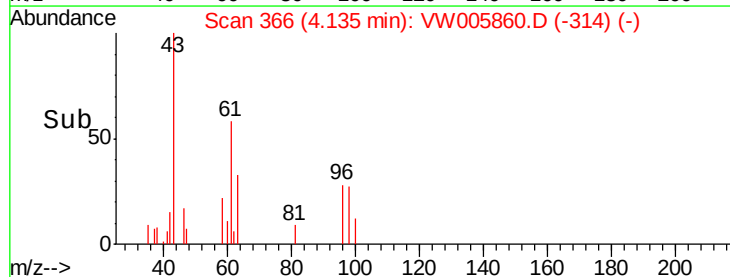
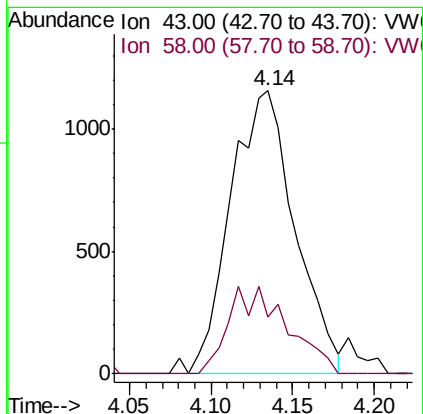
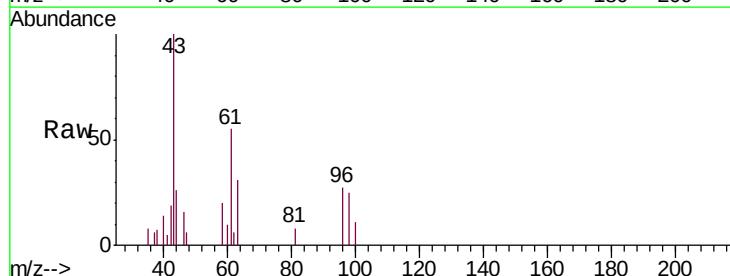
Acq: 04 Oct 2018 17:19

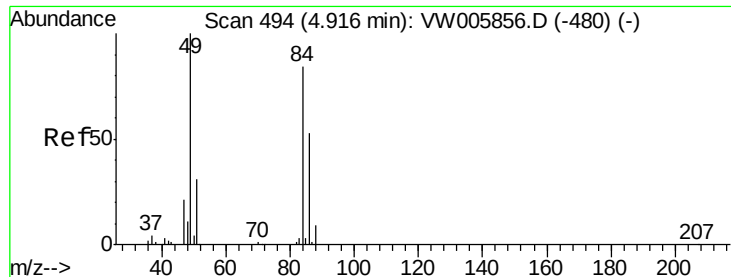
Tgt Ion: 43 Resp: 3168

Ion Ratio Lower Upper

43 100

58 11.1 0.0 31.8

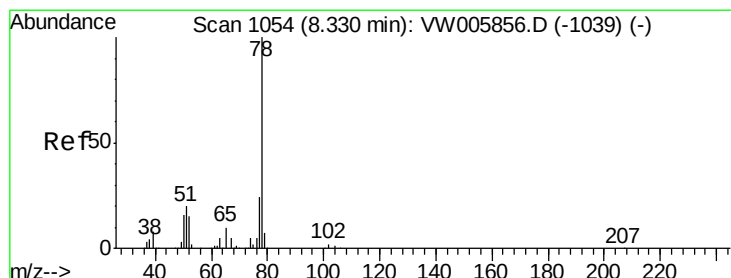
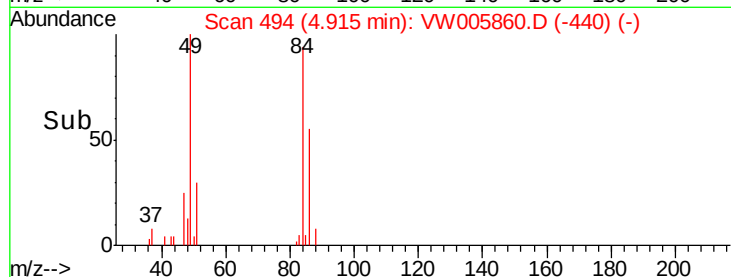
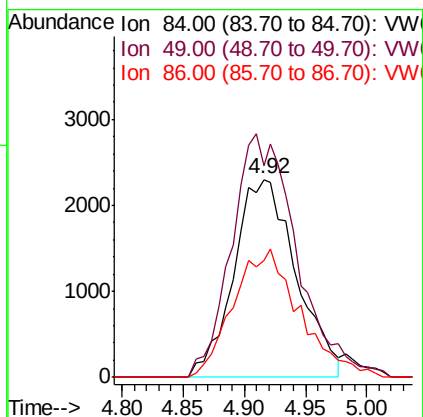
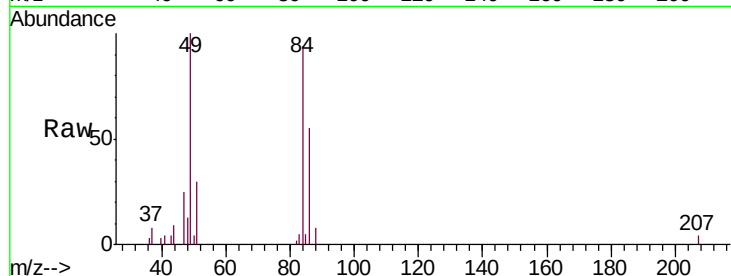




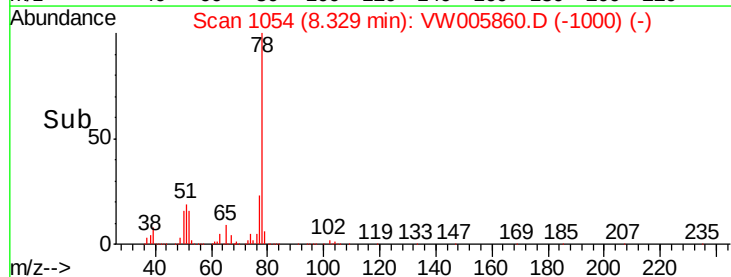
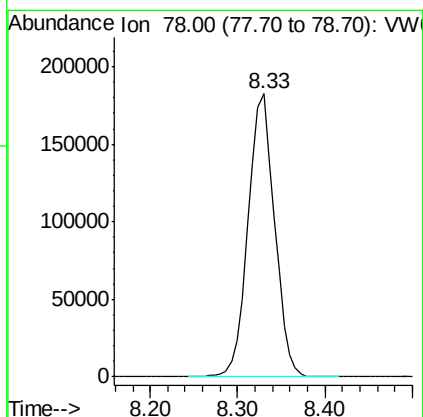
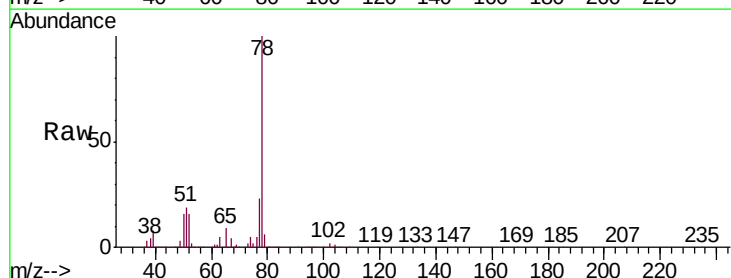
#16
Methylene chloride
Concen: 1.959 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005860.D
Acq: 04 Oct 2018 17:19

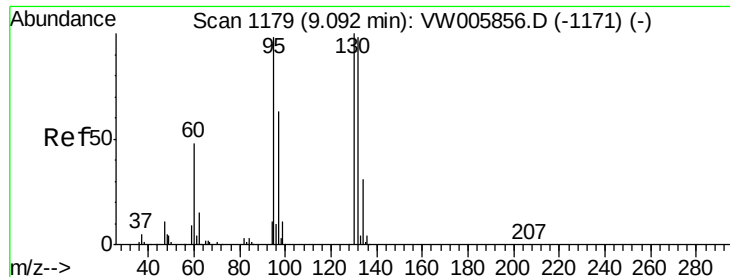
Instrument :
MSVOA_W
ClientSampleId :
H2TS3MSD

Tgt Ion: 84 Resp: 8166
Ion Ratio Lower Upper
84 100
49 106.9 87.2 162.0
86 58.9 43.2 80.2



#34
Benzene
Concen: 26.879 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005860.D
Acq: 04 Oct 2018 17:19
Tgt Ion: 78 Resp: 383804





#35

Trichloroethene

Concen: 24.571 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW005860.D

Acq: 04 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

H2TS3MSD

Tgt Ion: 95 Resp: 93862

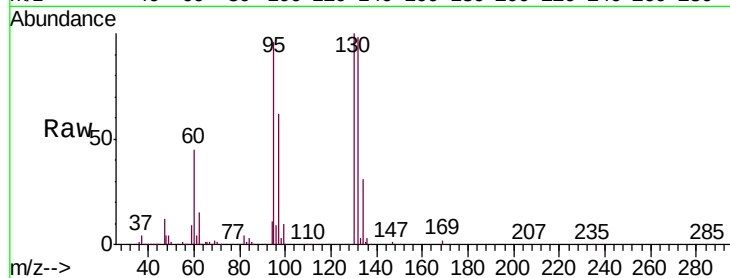
Ion Ratio Lower Upper

95 100

97 64.3 45.2 84.0

132 98.5 68.0 126.4

130 102.5 71.3 132.5

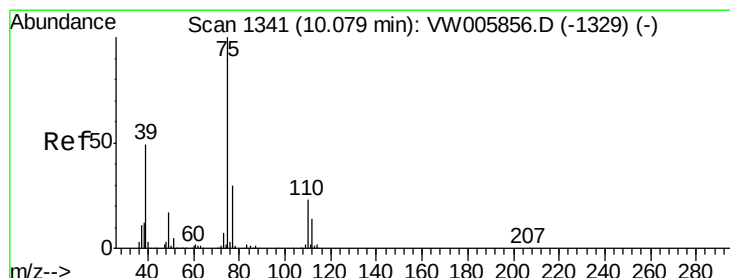
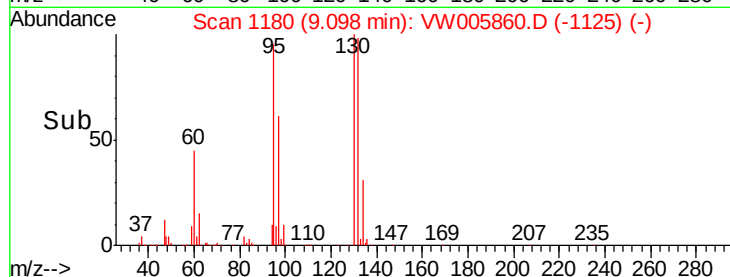
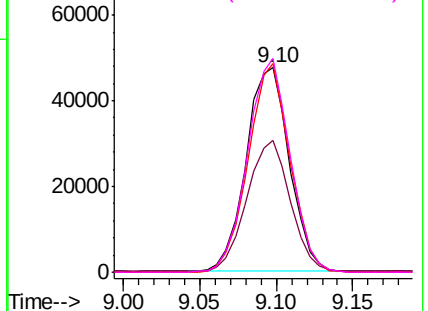


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.451 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005860.D

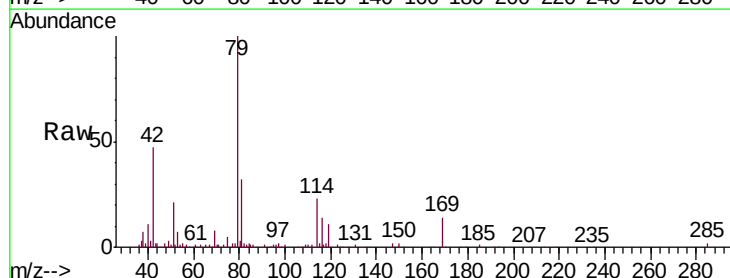
Acq: 04 Oct 2018 17:19

Tgt Ion: 75 Resp: 2592

Ion Ratio Lower Upper

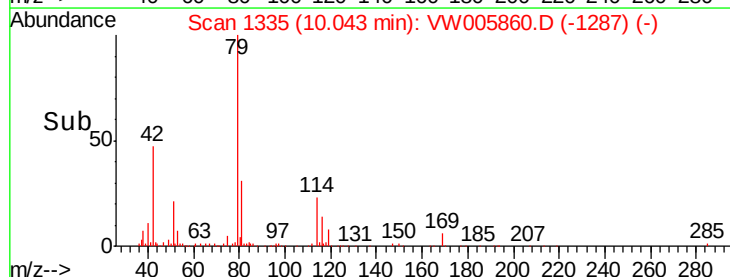
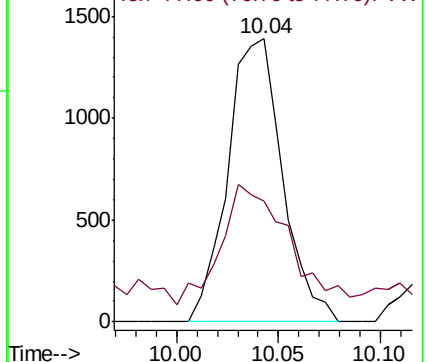
75 100

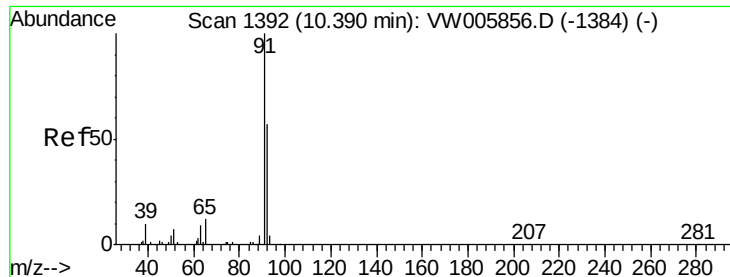
77 42.6 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 26.297 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005860.D

Acq: 04 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

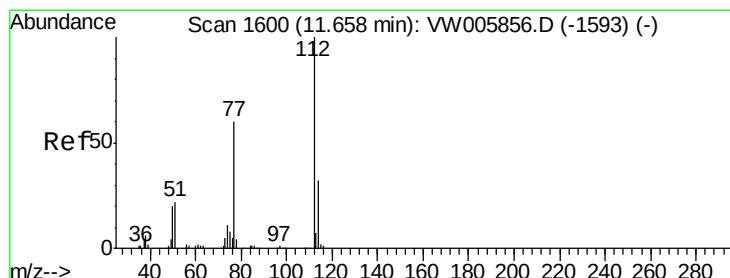
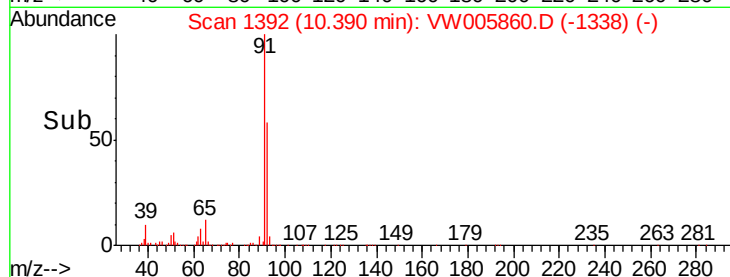
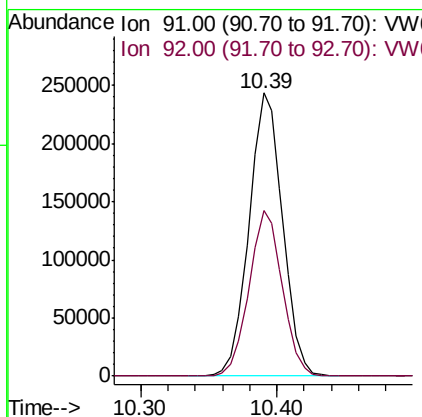
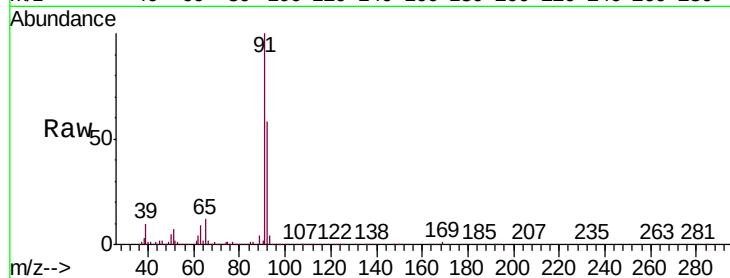
H2TS3MSD

Tgt Ion: 91 Resp: 419613

Ion Ratio Lower Upper

91 100

92 58.3 40.7 75.5



#52

Chlorobenzene

Concen: 25.761 ug/L

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW005860.D

Acq: 04 Oct 2018 17:19

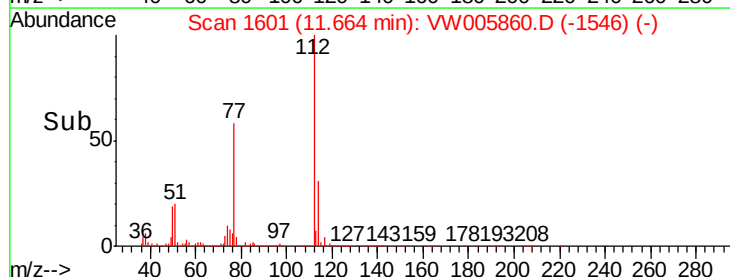
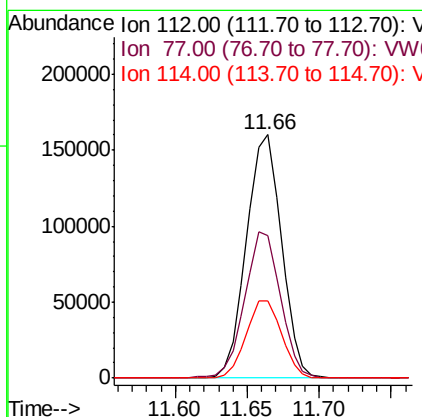
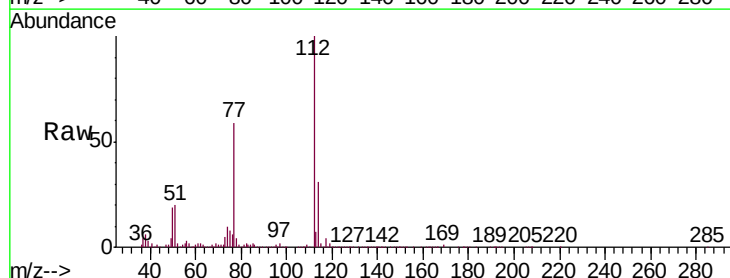
Tgt Ion: 112 Resp: 270420

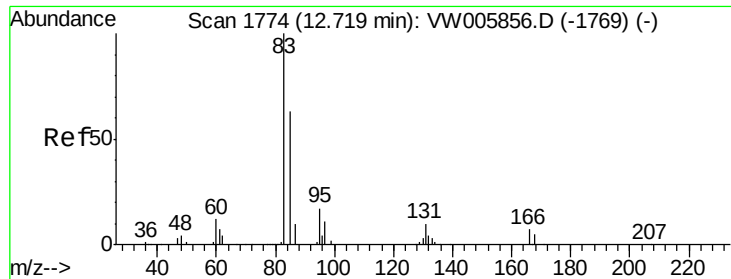
Ion Ratio Lower Upper

112 100

77 58.6 46.7 70.1

114 31.5 21.8 40.6





#58

1,1,2,2-Tetrachloroethane

Concen: 1.025 ug/L

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW005860.D

Acq: 04 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

H2TS3MSD

Tgt Ion: 83 Resp: 3795

Ion Ratio Lower Upper

83 100

85 40.8 43.0 80.0#

131 21.8 8.0 12.0#

