

Data File : VW011257.D
Acq On : 15 Jul 2019 13:27
Operator : SY/VA
Sample : K3760-15MS
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MS

Quant Time: Jul 16 05:05:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	240155	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	178859	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61416	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	66912	18.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.00%
7) Chloroethane-d5	2.88	69	55240	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.88%
10) 1,1-Dichloroethene-d2	4.02	63	170876	22.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.00%
20) 2-Butanone-d5	7.07	46	51096	35.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.74%
24) Chloroform-d	7.65	84	153214	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.31	65	91774	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.56%
29) Benzene-d6	8.27	84	302909	27.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.96%
33) 1,2-Dichloropropane-d6	9.27	67	103571	28.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.48%
37) Toluene-d8	10.32	98	238047	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.96%
38) trans-1,3-Dichloropropene-	10.58	79	28998	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.04%
39) 2-Hexanone-d5	10.93	63	29394	35.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62335	21.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	50710	21.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.04%

Target Compounds

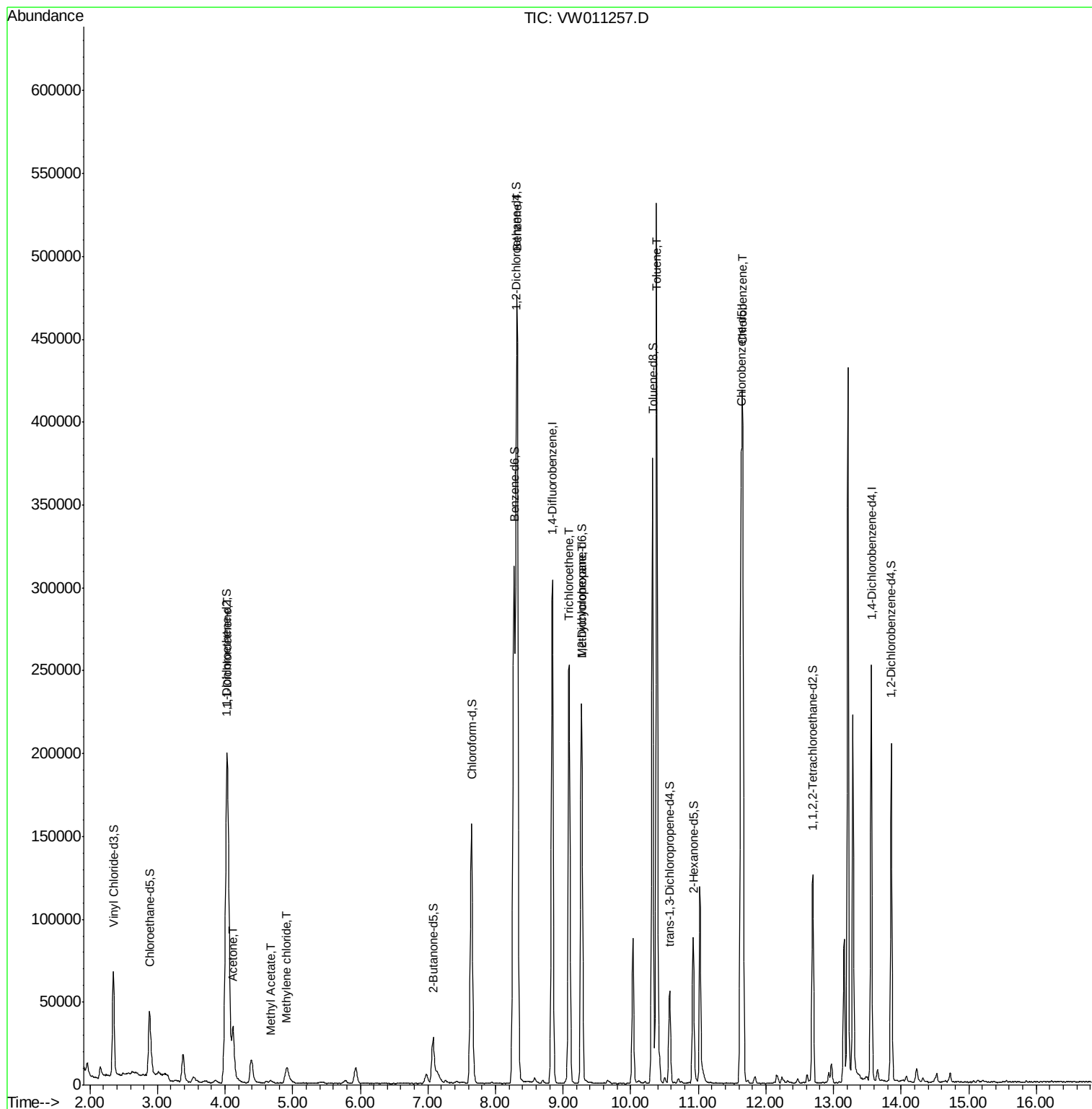
						Qvalue
12) 1,1-Dichloroethene	4.04	96	86312	27.349	ug/L	80
13) Acetone	4.12	43	51503	36.503	ug/L	99
15) Methyl Acetate	4.67	43	2746	1.196	ug/L #	69
16) Methylene chloride	4.92	84	7588	2.150	ug/L	90
34) Benzene	8.32	78	393294	35.183	ug/L	100
35) Trichloroethene	9.09	95	89616	31.769	ug/L	99
36) Methylcyclohexane	9.27	83	23549	4.639	ug/L #	14
44) Toluene	10.38	91	361202	31.218	ug/L	100
52) Chlorobenzene	11.66	112	190851	26.999	ug/L	99

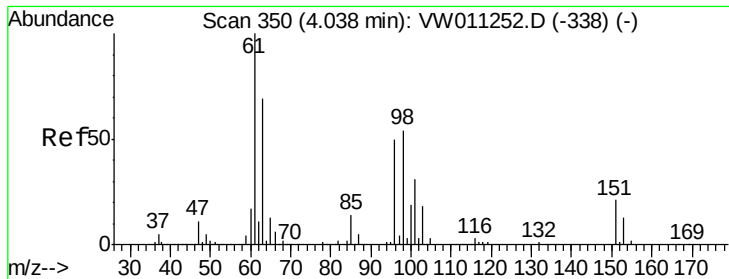
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 27.349 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW011257.D

Acq: 15 Jul 2019 13:27

Instrument :

MSVOA_W

ClientSampleId :

DB8Z4MS

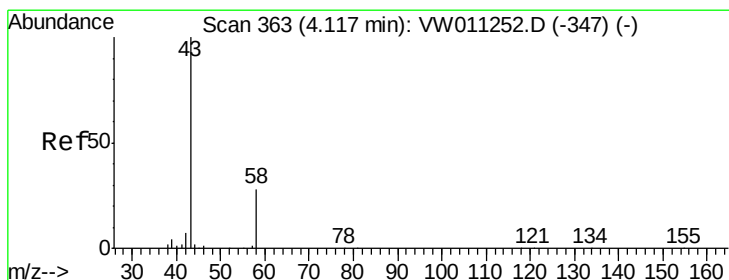
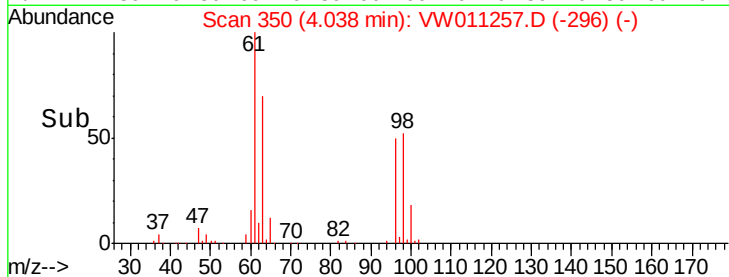
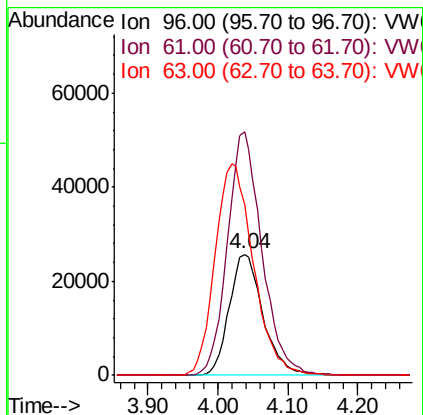
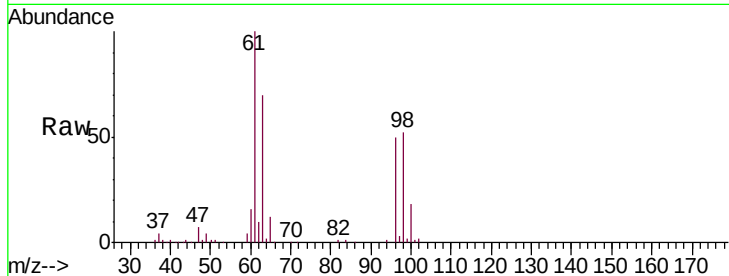
Tgt Ion: 96 Resp: 86312

Ion Ratio Lower Upper

96 100

61 200.8 142.2 264.0

63 141.1 138.9 257.9



#13

Acetone

Concen: 36.503 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011257.D

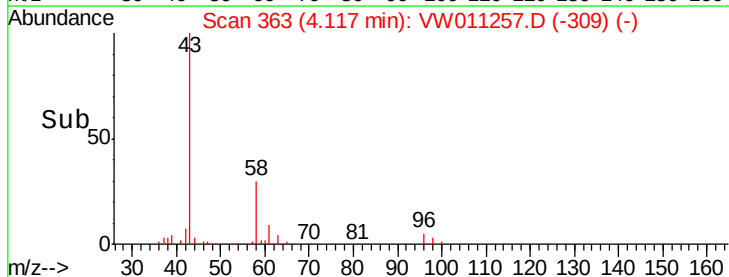
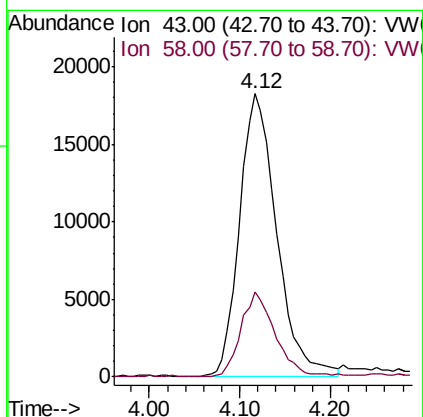
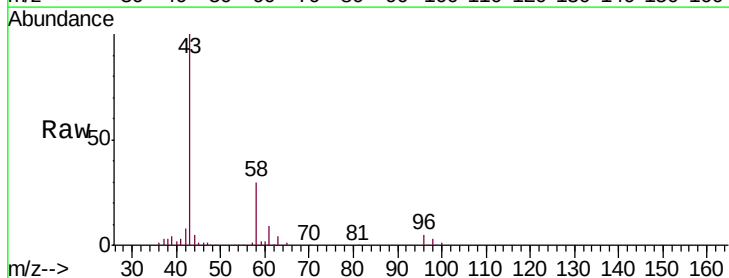
Acq: 15 Jul 2019 13:27

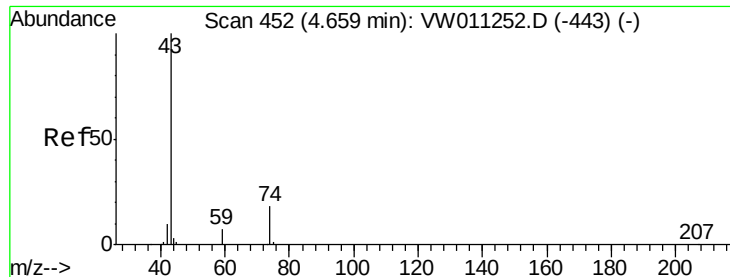
Tgt Ion: 43 Resp: 51503

Ion Ratio Lower Upper

43 100

58 28.1 0.0 55.0

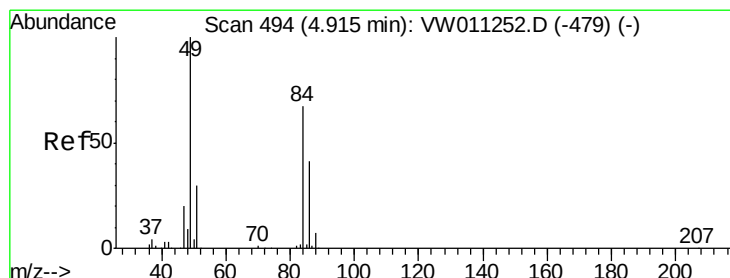
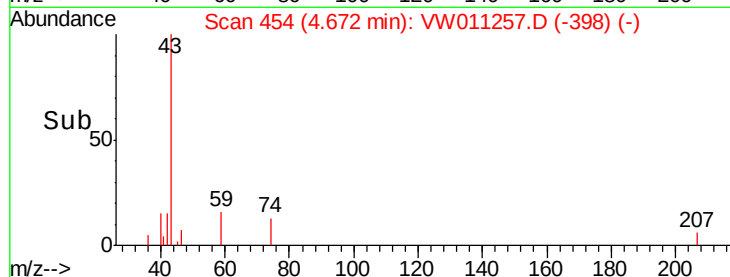
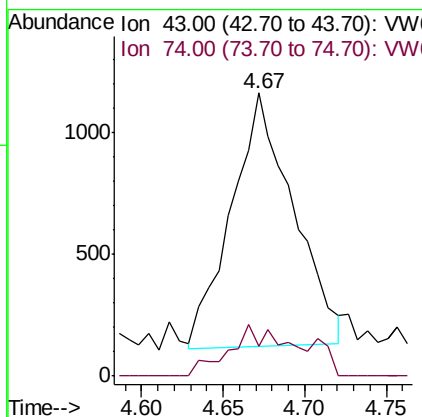
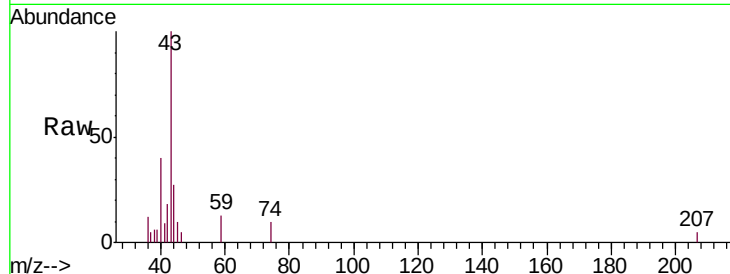




#15
Methyl Acetate
Concen: 1.196 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

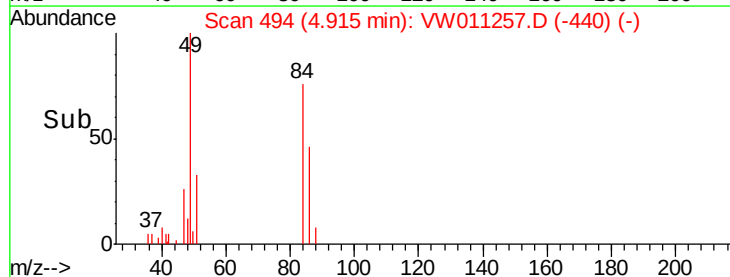
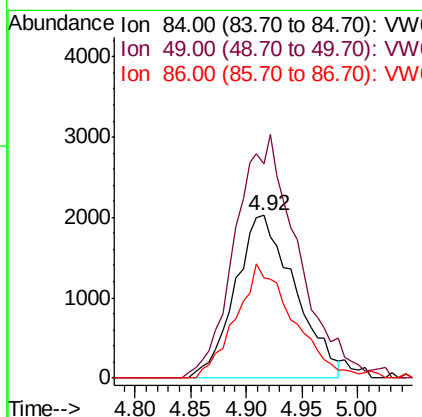
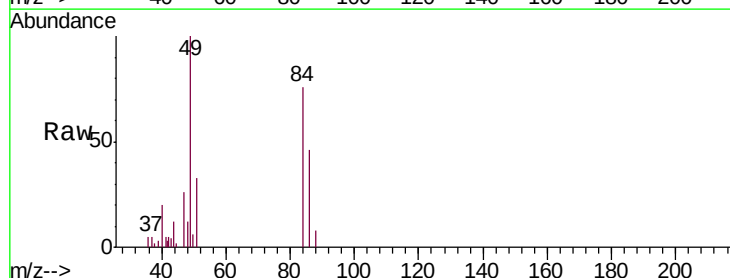
Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MS

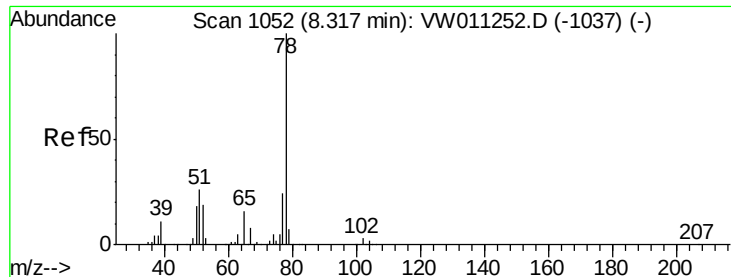
Tgt Ion: 43 Resp: 2746
Ion Ratio Lower Upper
43 100
74 5.1 15.1 22.7#



#16
Methylene chloride
Concen: 2.150 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

Tgt Ion: 84 Resp: 7588
Ion Ratio Lower Upper
84 100
49 131.6 102.5 190.3
86 61.2 46.4 86.2





#34

Benzene

Concen: 35.183 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW011257.D

Acq: 15 Jul 2019 13:27

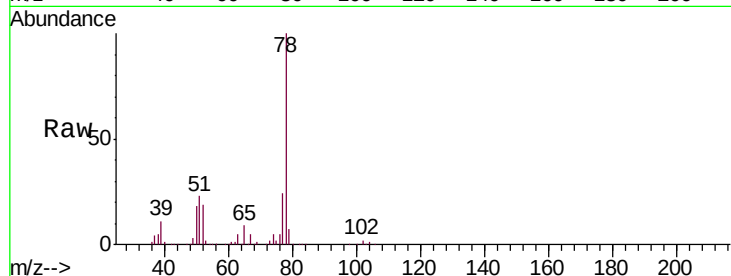
Instrument :

MSVOA_W

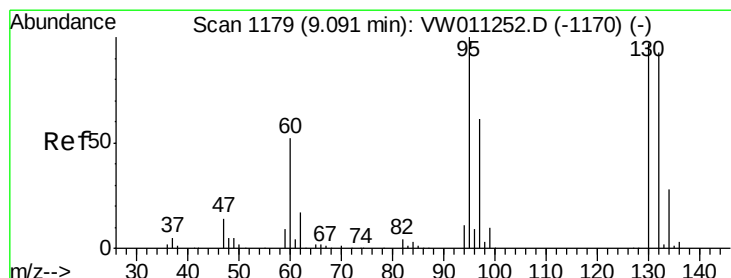
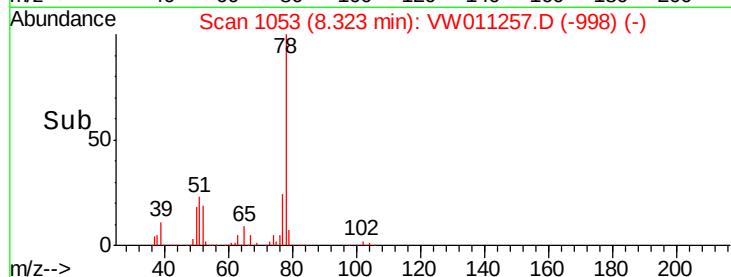
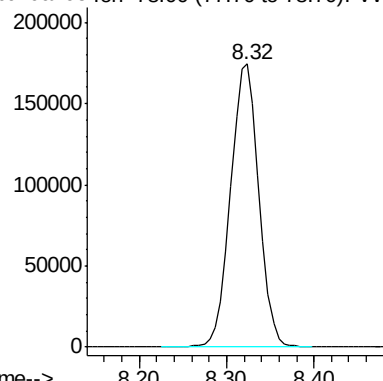
ClientSampleId :

DB8Z4MS

Tgt Ion: 78 Resp: 393294



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 31.769 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW011257.D

Acq: 15 Jul 2019 13:27

Tgt Ion: 95 Resp: 89616

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.4	84.2
132	92.2	65.0	120.8
130	95.9	67.8	126.0

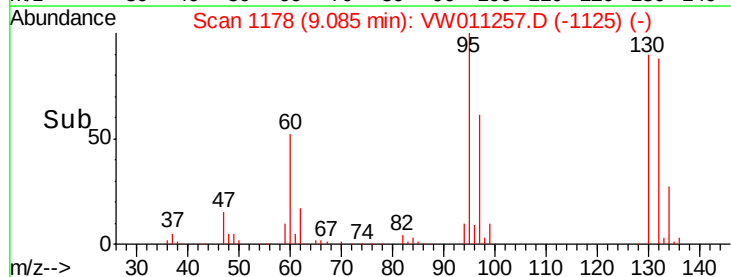
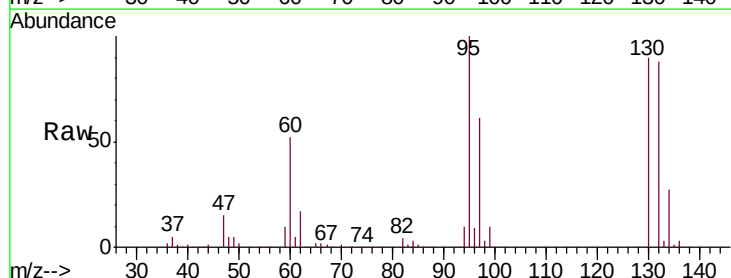
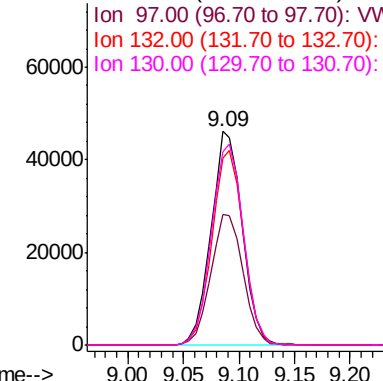
Ion 95.00 (94.70 to 95.70): VW

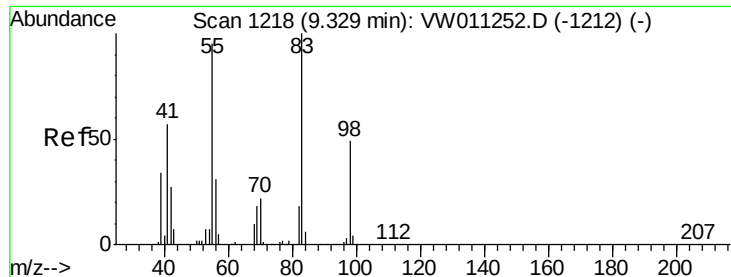
Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Abundance Ion 95.00 (94.70 to 95.70): VW

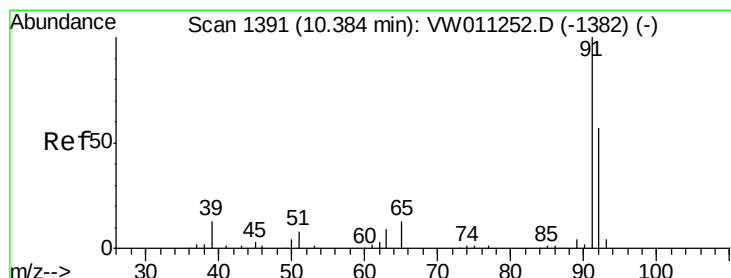
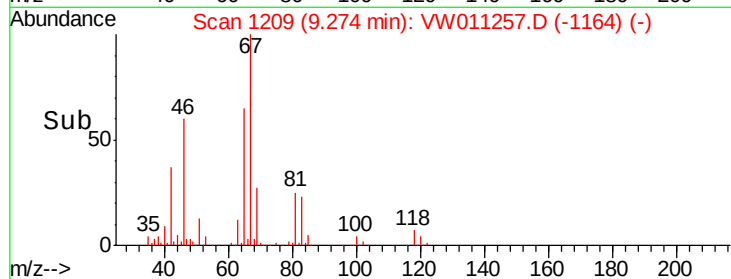
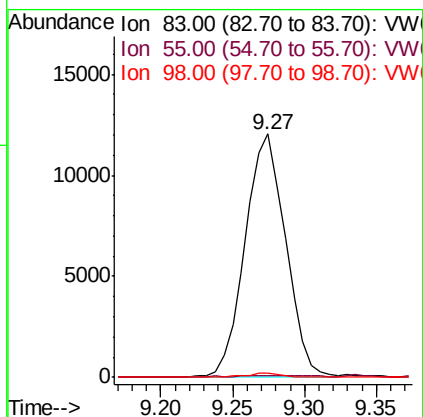
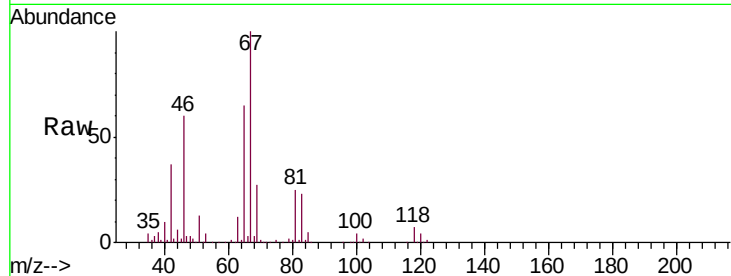




#36
Methylcyclohexane
Concen: 4.639 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

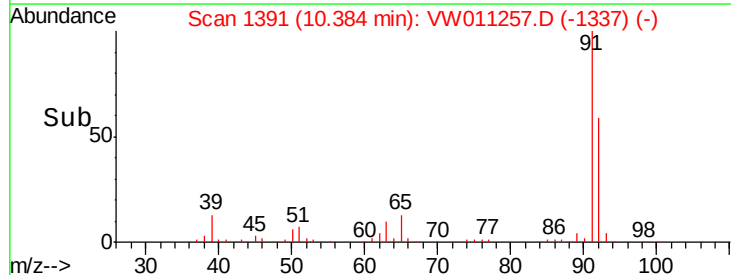
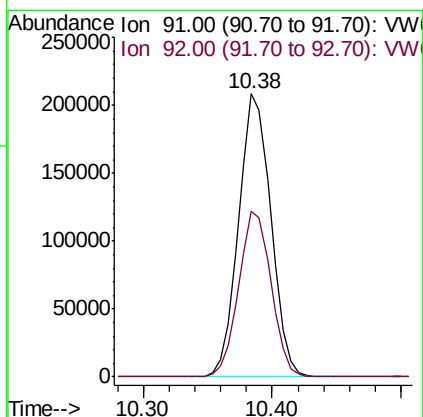
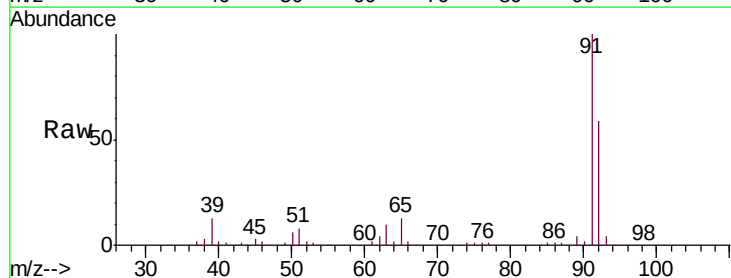
Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MS

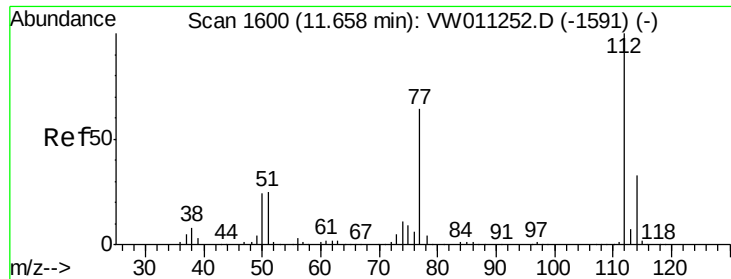
Tgt Ion: 83 Resp: 23549
Ion Ratio Lower Upper
83 100
55 0.5 72.2 108.4#
98 1.2 38.2 57.4#



#44
Toluene
Concen: 31.218 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW011257.D
Acq: 15 Jul 2019 13:27

Tgt Ion: 91 Resp: 361202
Ion Ratio Lower Upper
91 100
92 58.5 40.8 75.8





#52

Chlorobenzene

Concen: 26.999 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW011257.D

Acq: 15 Jul 2019 13:27

Instrument :

MSVOA_W

ClientSampleId :

DB8Z4MS

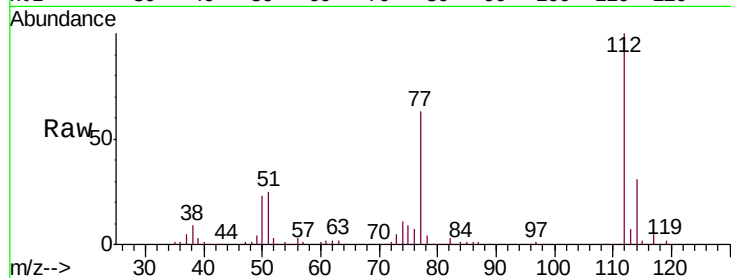
Tgt Ion:112 Resp: 190851

Ion Ratio Lower Upper

112 100

77 62.7 51.2 76.8

114 31.5 22.0 40.8



Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

