

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016080.D
 Acq On : 07 Aug 2020 19:22
 Operator : SY/VA
 Sample : L3598-03
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 05:11:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	324113	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312012	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147840	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	62837	13.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.96%
7) Chloroethane-d5	2.89	69	56603	15.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.96%
10) 1,1-Dichloroethene-d2	4.01	63	105035	11.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.44%
20) 2-Butanone-d5	7.09	46	54104	45.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.08%
24) Chloroform-d	7.65	84	178380	19.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	8.31	65	97896	19.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.36%
29) Benzene-d6	8.27	84	344097	18.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.48%
33) 1,2-Dichloropropane-d6	9.27	67	109330	19.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.80%
37) Toluene-d8	10.32	98	317810	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.88%
38) trans-1,3-Dichloropropene-	10.58	79	43609	17.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.88%
39) 2-Hexanone-d5	10.93	63	45078	47.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104798	23.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	124633	21.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.48%

Target Compounds

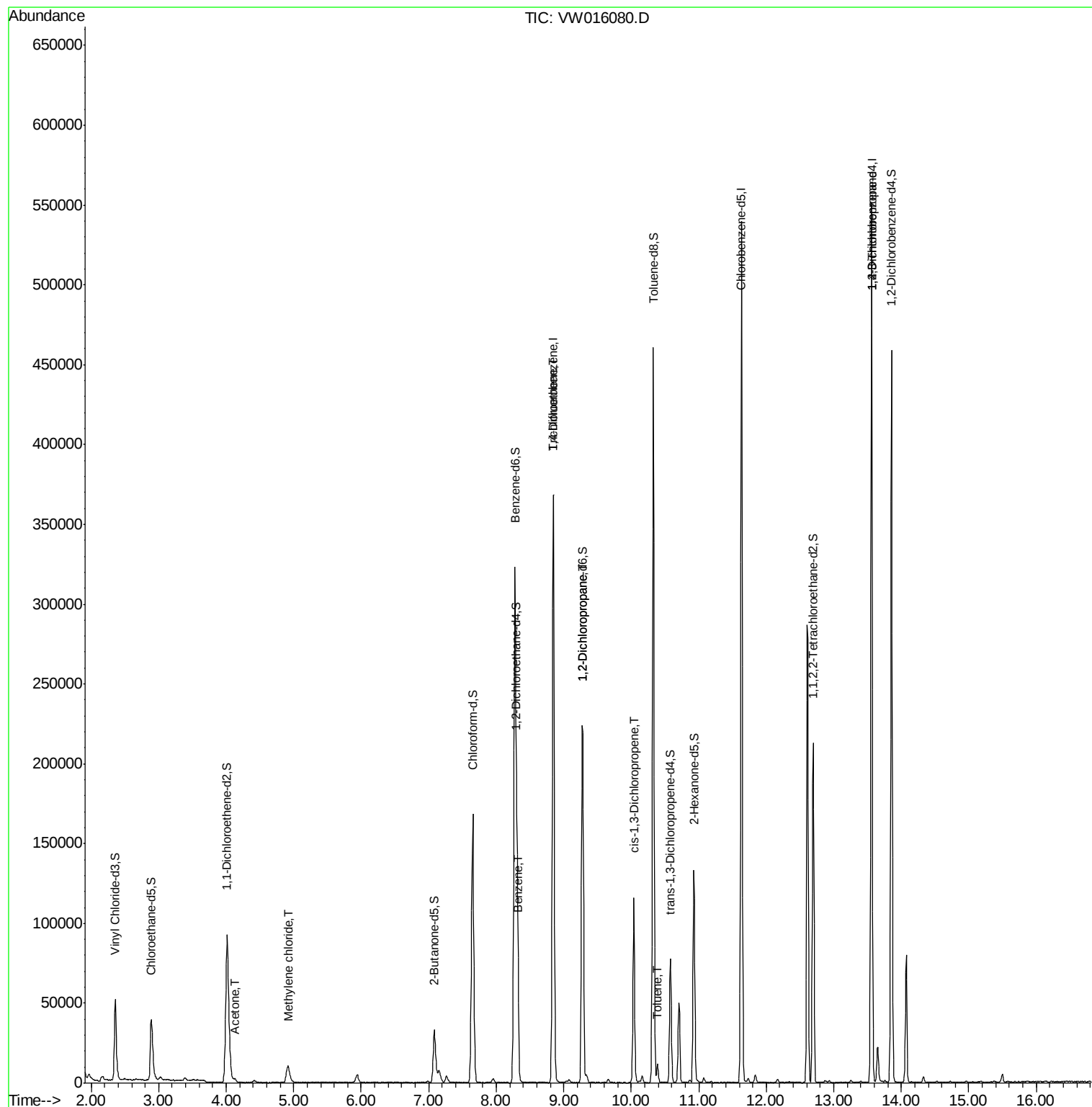
					Ovalue
13) Acetone	4.13	43	3315	3.286 ug/L	97
16) Methylene chloride	4.91	84	9708	1.828 ug/L	87
34) Benzene	8.33	78	6377	0.337 ug/L	100
35) Trichloroethene	8.85	95	9503	1.896 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	11820	2.518 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2759	0.386 ug/L #	54
44) Toluene	10.39	91	8781	0.442 ug/L	96
59) 1,2,3-Trichloropropane	13.56	75	15645	5.267 ug/L	90

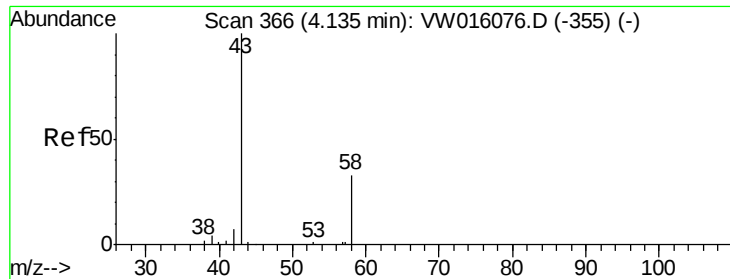
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 08 05:08:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.286 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016080.D

Acq: 07 Aug 2020 19:22

Instrument :

MSVOA_W

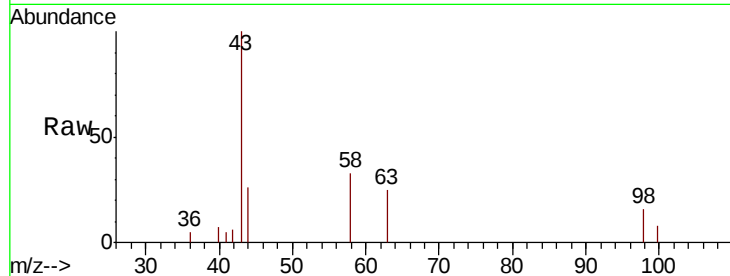
ClientSampled :

Tot Ion: 43 Resp: 3315

Ion Ratio Lower Upper

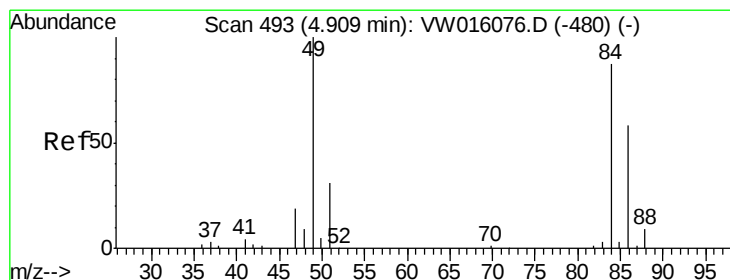
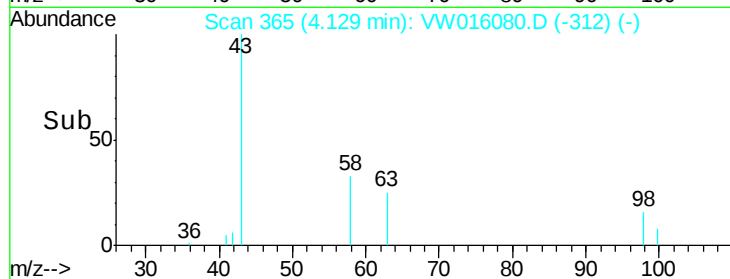
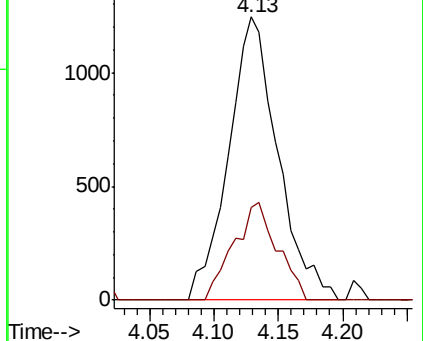
43 100

58 30.5 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.828 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW016080.D

Acq: 07 Aug 2020 19:22

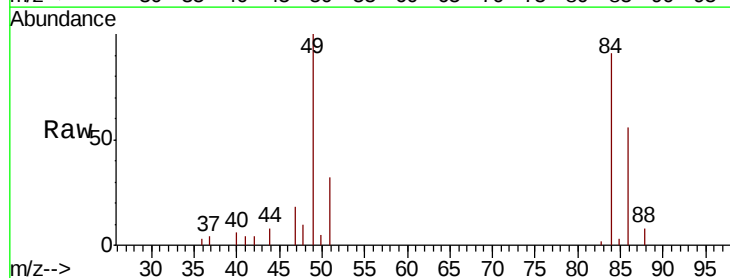
Tgt Ion: 84 Resp: 9708

Ion Ratio Lower Upper

84 100

49 109.8 91.1 169.1

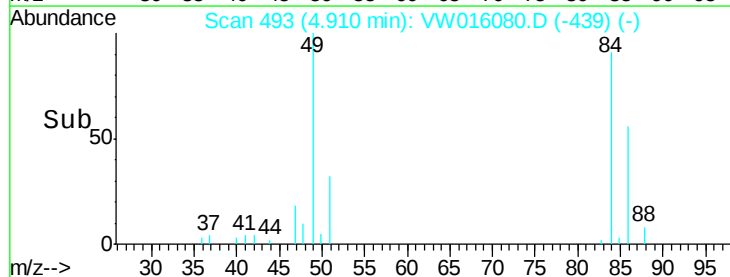
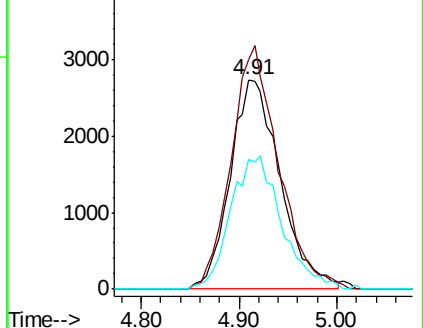
86 61.9 46.0 85.4

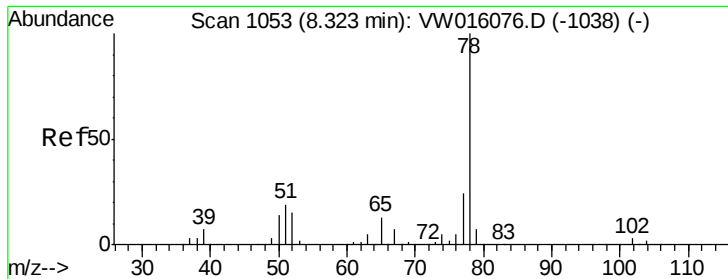


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#34

Benzene

Concen: 0.337 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW016080.D

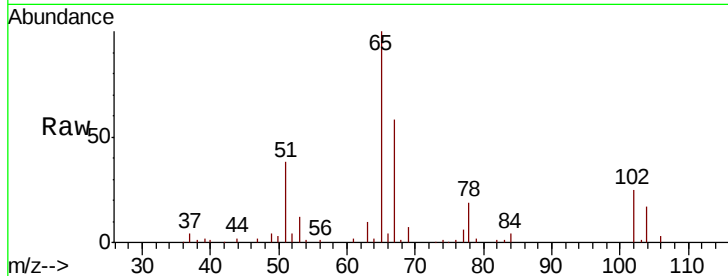
Acq: 07 Aug 2020 19:22

Instrument :

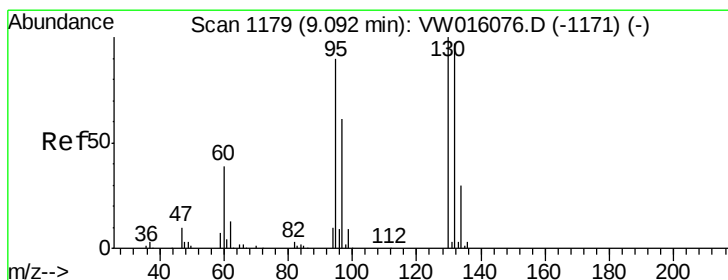
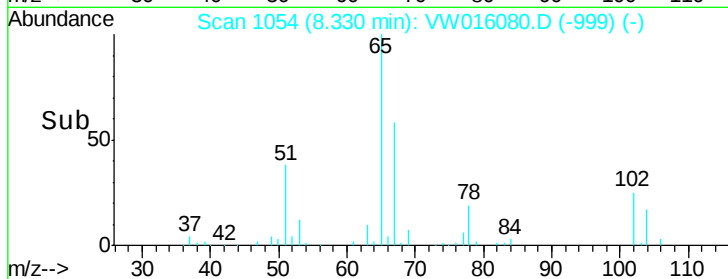
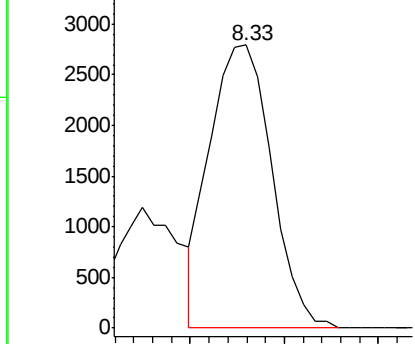
MSVOA_W

ClientSampled :

Tgt Ion: 78 Resp: 6377



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 1.896 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016080.D

Acq: 07 Aug 2020 19:22

Tgt Ion: 95 Resp: 9503

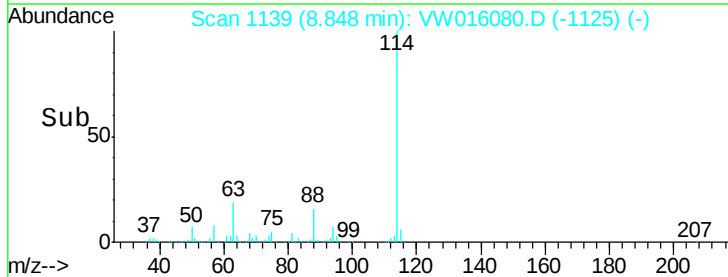
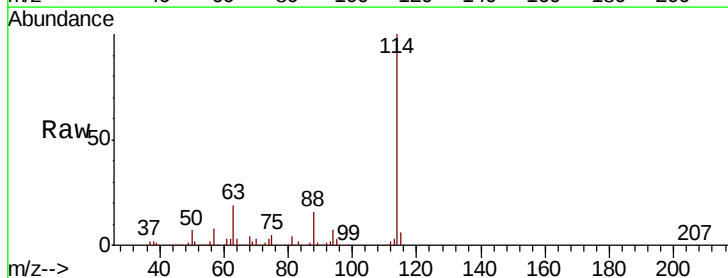
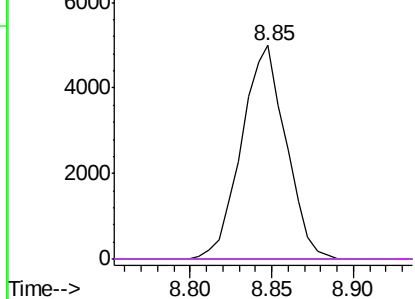
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	65.1	120.9#
130	0.0	68.6	127.4#

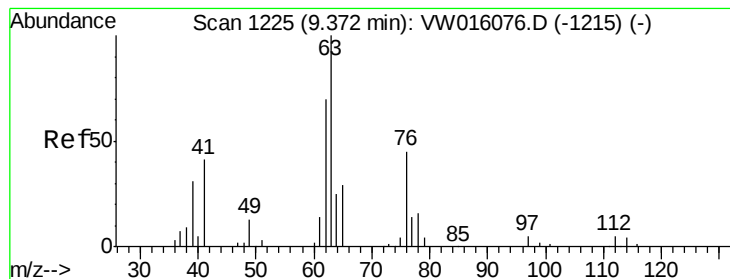
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#40

1,2-Dichloropropane

Concen: 2.518 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016080.D

Acq: 07 Aug 2020 19:22

Instrument :

MSVOA_W

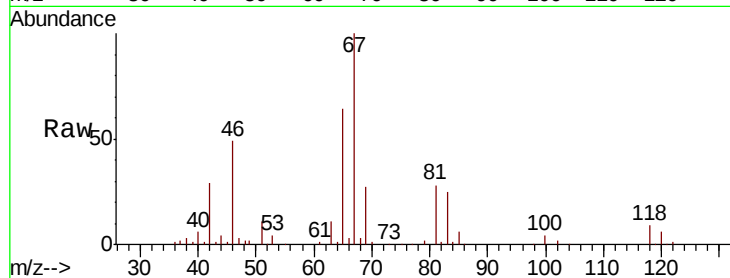
ClientSampleId :

Tot Ion: 63 Resp: 11820

Ion Ratio Lower Upper

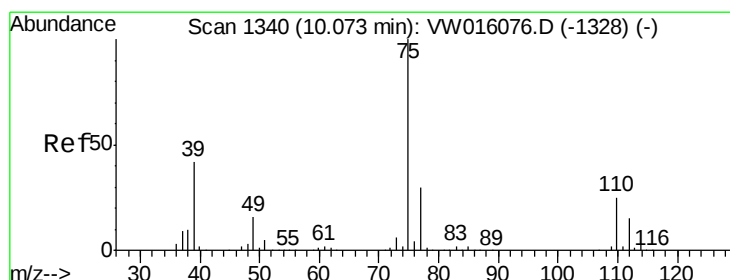
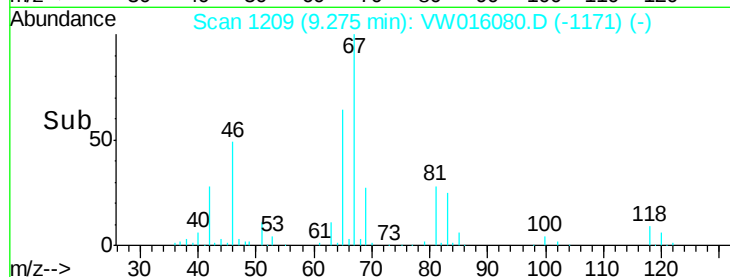
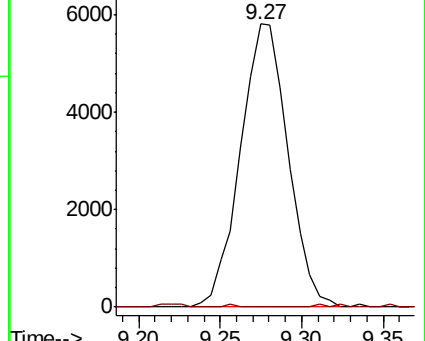
63 100

112 0.2 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.386 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016080.D

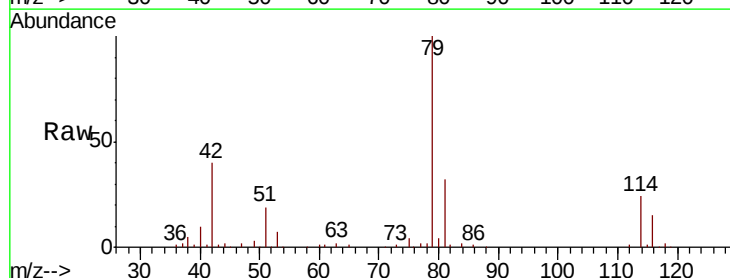
Acq: 07 Aug 2020 19:22

Tgt Ion: 75 Resp: 2759

Ion Ratio Lower Upper

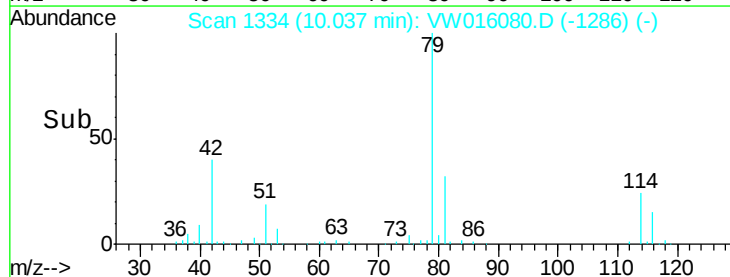
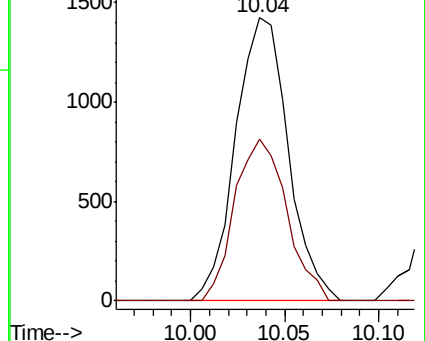
75 100

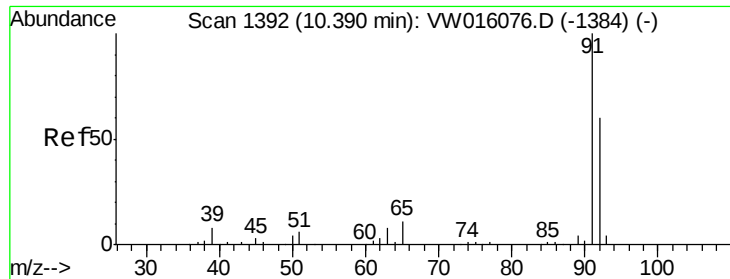
77 57.3 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.442 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016080.D

Acq: 07 Aug 2020 19:22

Instrument :

MSVOA_W

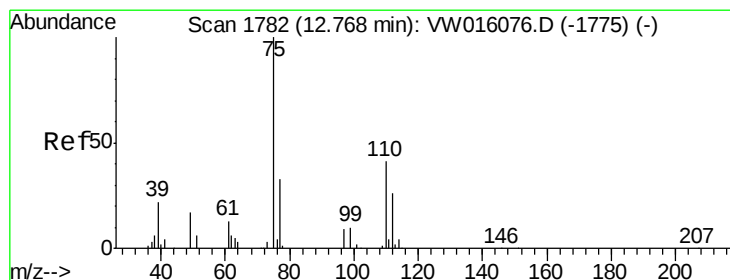
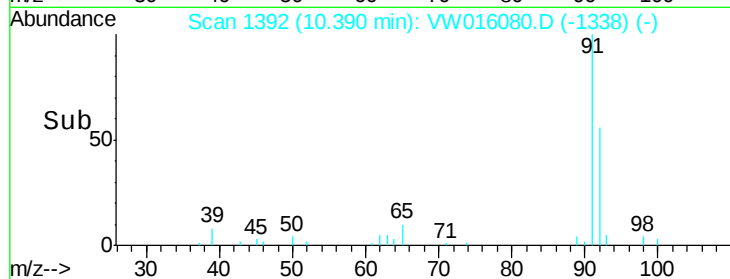
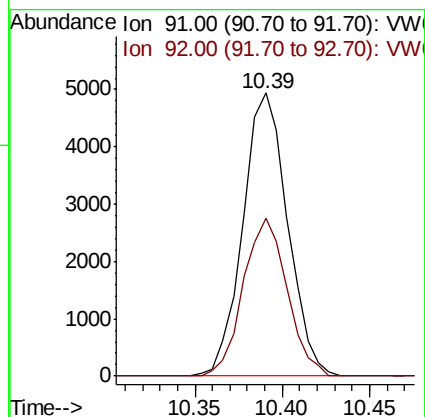
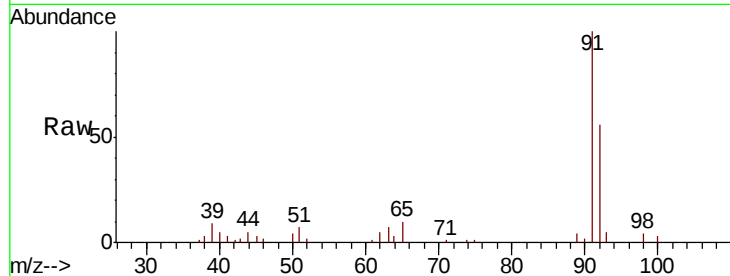
ClientSampled :

Tot Ion: 91 Resp: 8781

Ion Ratio Lower Upper

91 100

92 55.8 41.2 76.4



#59

1,2,3-Trichloropropane

Concen: 5.267 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016080.D

Acq: 07 Aug 2020 19:22

Tgt Ion: 75 Resp: 15645

Ion Ratio Lower Upper

75 100

77 38.2 26.0 39.0

