

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015490.D
 Acq On : 26 May 2020 22:43
 Operator : SY/VA
 Sample : L2755-02
 Misc : 8.23G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 01:09:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 01:05:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346306	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324636	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148631	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	91794	28.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.68%
7) Chloroethane-d5	2.89	69	88631	28.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.32%
10) 1,1-Dichloroethene-d2	4.01	63	142186	18.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.56%
20) 2-Butanone-d5	7.08	46	76114	73.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.92%#
24) Chloroform-d	7.65	84	216187	26.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.96%
26) 1,2-Dichloroethane-d4	8.31	65	136548	30.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.60%
29) Benzene-d6	8.27	84	425591	26.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.92%
33) 1,2-Dichloropropane-d6	9.27	67	134359	27.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.08%
37) Toluene-d8	10.32	98	405295	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.72%
38) trans-1,3-Dichloropropene-	10.58	79	60655	27.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.40%
39) 2-Hexanone-d5	10.93	63	65543	78.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.50%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117010	32.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	137475	27.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.40%

Target Compounds

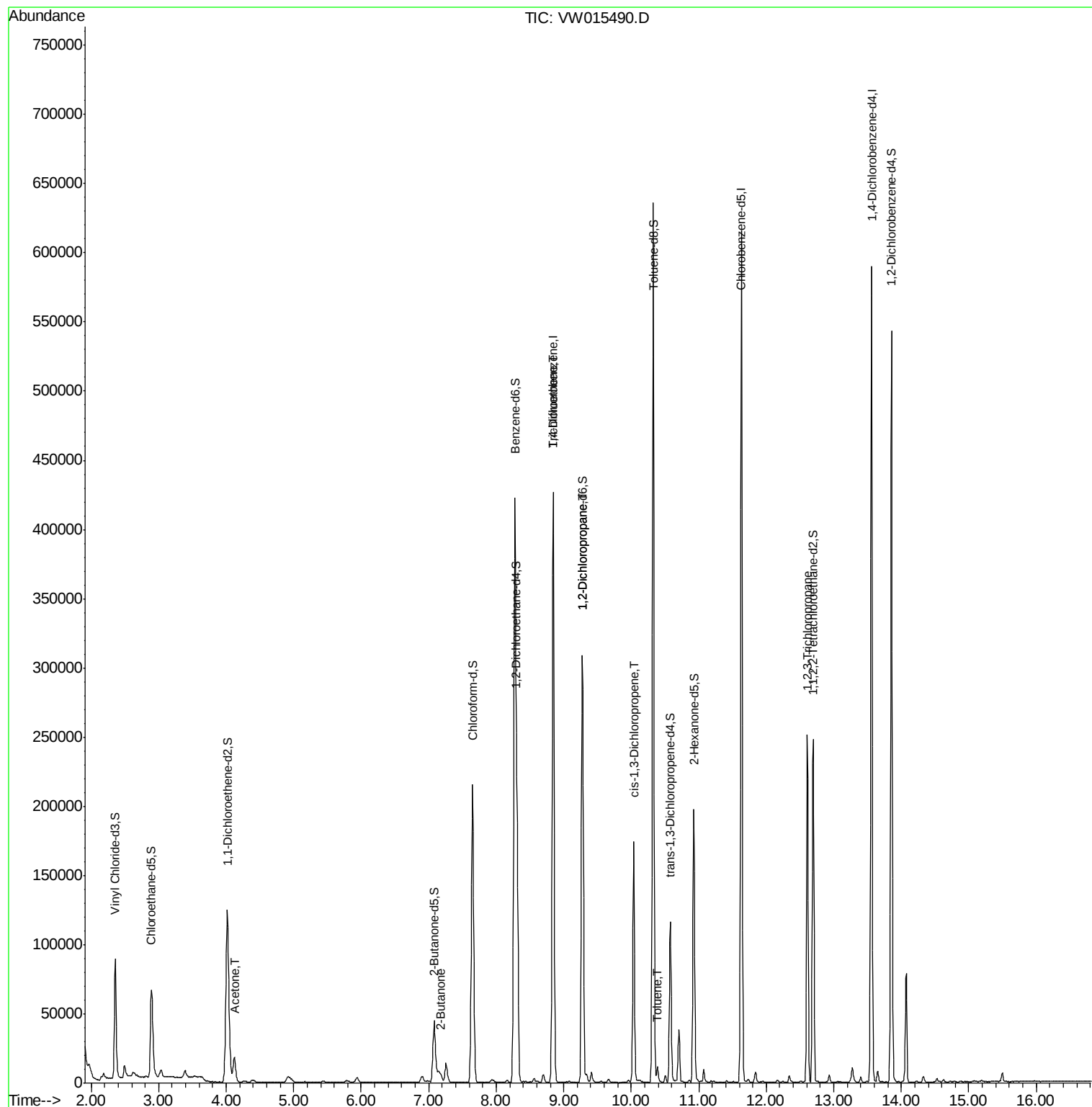
					Ovalue
13) Acetone	4.12	43	30278	37.801 ug/L	99
21) 2-Butanone	7.18	43	7218	5.866 ug/L	97
35) Trichloroethene	8.84	95	10951	2.246 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	16349	3.657 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4422	0.618 ug/L #	55
44) Toluene	10.39	91	7922	0.401 ug/L	95
59) 1,2,3-Trichloropropane	12.60	75	2295	0.836 ug/L #	52

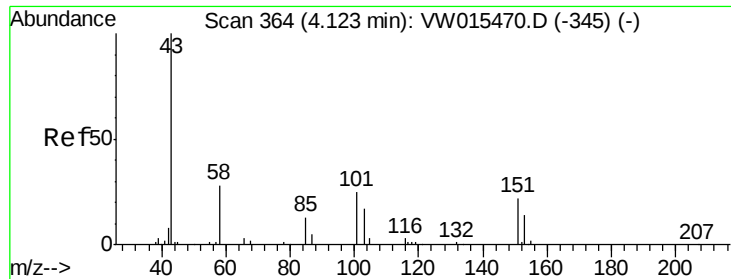
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 27 01:05:50 2020
Response via : Initial Calibration





#13

Acetone

Concen: 37.801 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015490.D

Acq: 26 May 2020 22:43

Instrument :

MSVOA_W

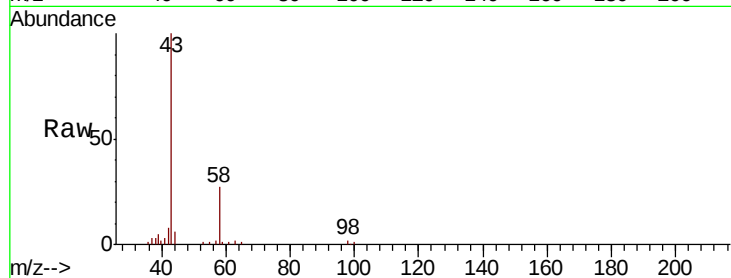
ClientSampled :

Tot Ion: 43 Resp: 30278

Ion Ratio Lower Upper

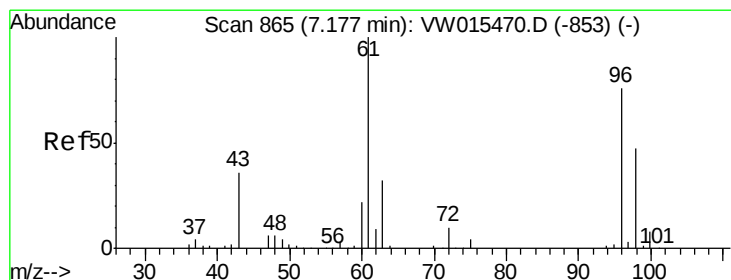
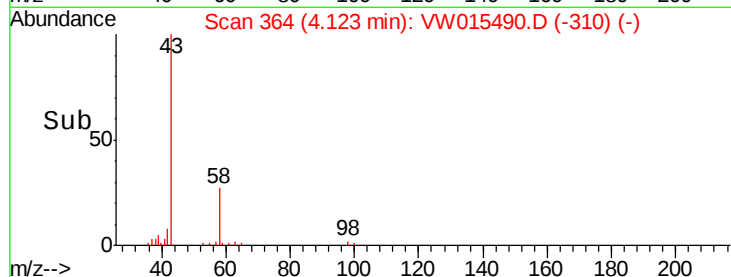
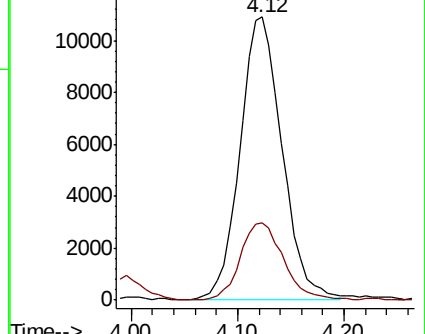
43 100

58 27.9 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 5.866 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015490.D

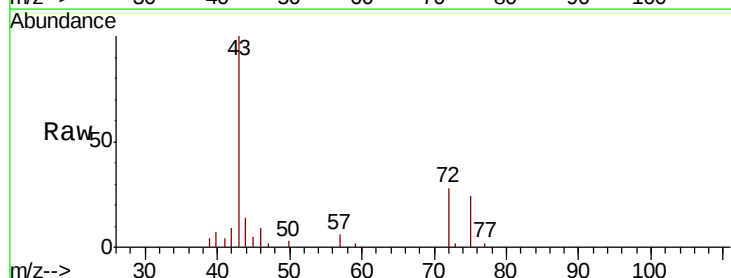
Acq: 26 May 2020 22:43

Tgt Ion: 43 Resp: 7218

Ion Ratio Lower Upper

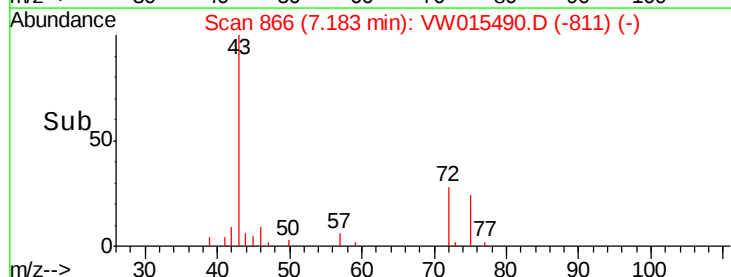
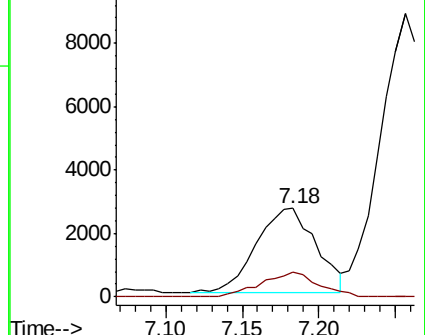
43 100

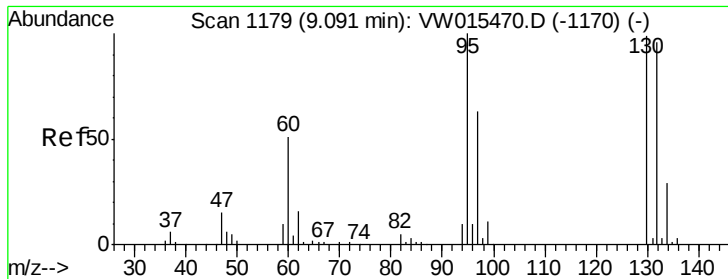
72 27.9 13.3 39.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.246 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015490.D

Acq: 26 May 2020 22:43

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10951

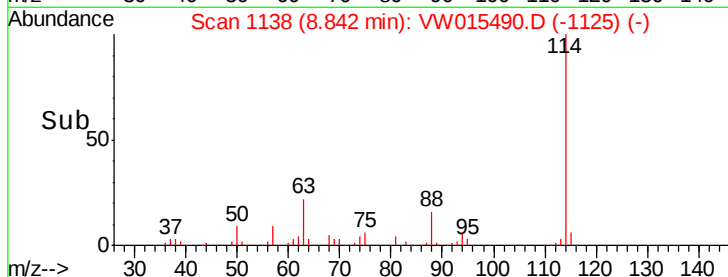
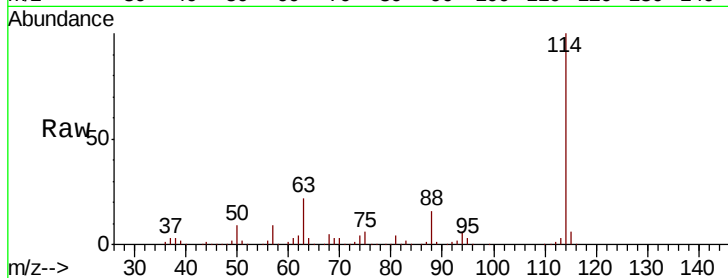
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

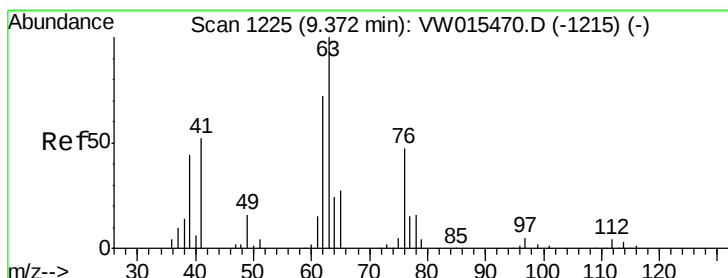
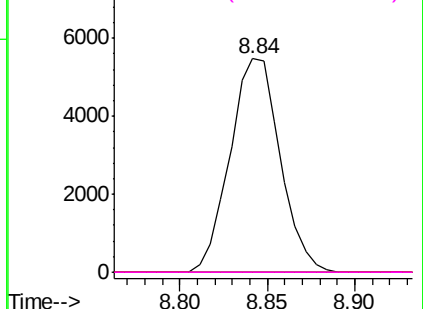


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.657 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015490.D

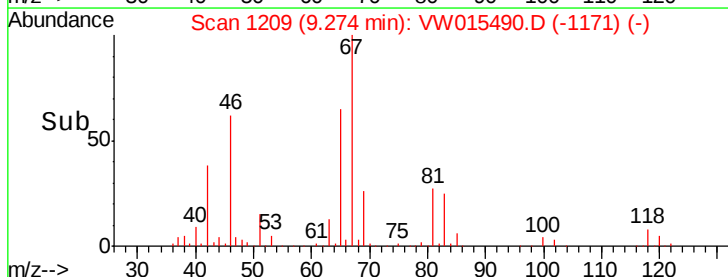
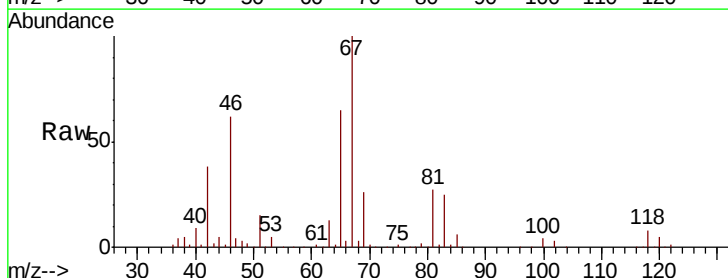
Acq: 26 May 2020 22:43

Tgt Ion: 63 Resp: 16349

Ion Ratio Lower Upper

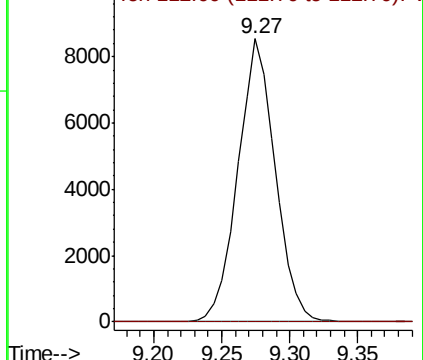
63 100

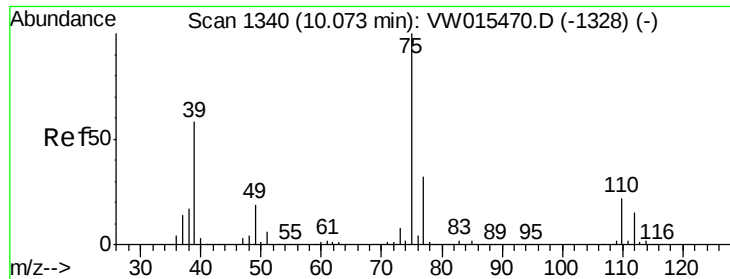
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.618 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015490.D

Acq: 26 May 2020 22:43

Instrument :

MSVOA_W

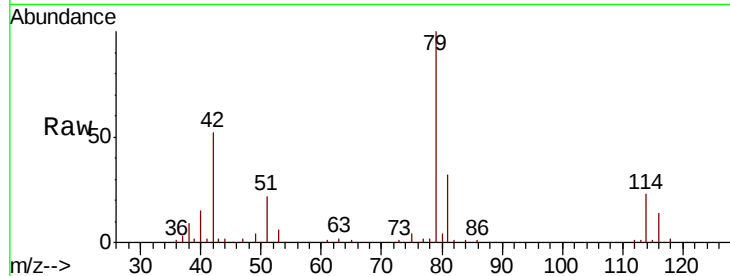
ClientSampled :

Tot Ion: 75 Resp: 4422

Ion Ratio Lower Upper

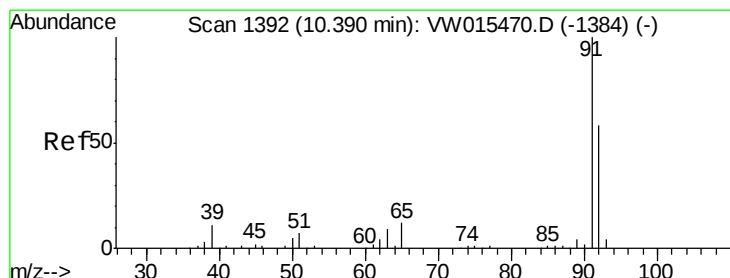
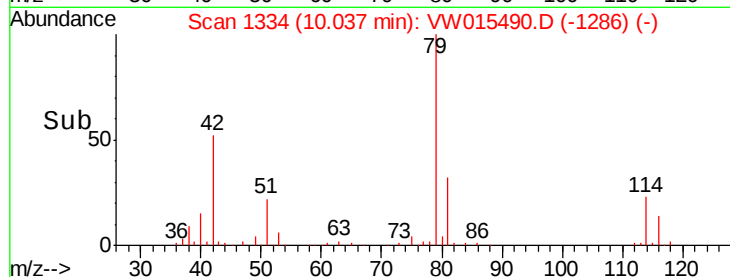
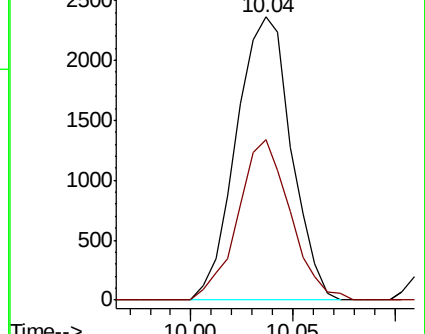
75 100

77 56.8 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 0.401 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015490.D

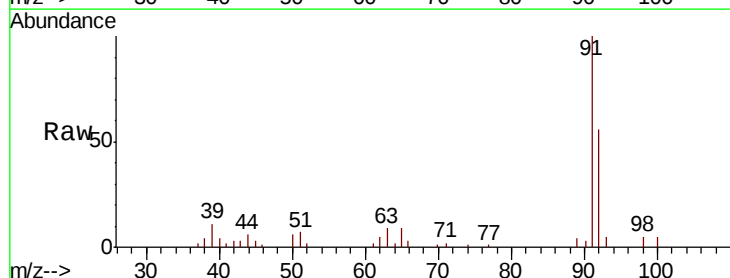
Acq: 26 May 2020 22:43

Tgt Ion: 91 Resp: 7922

Ion Ratio Lower Upper

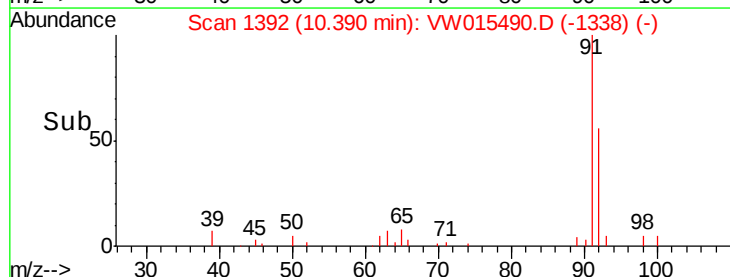
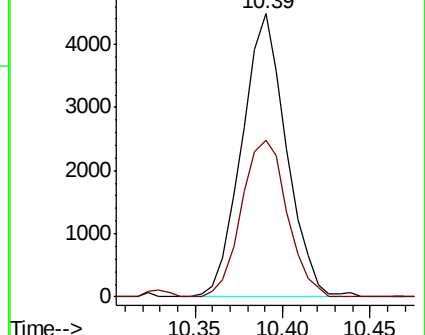
91 100

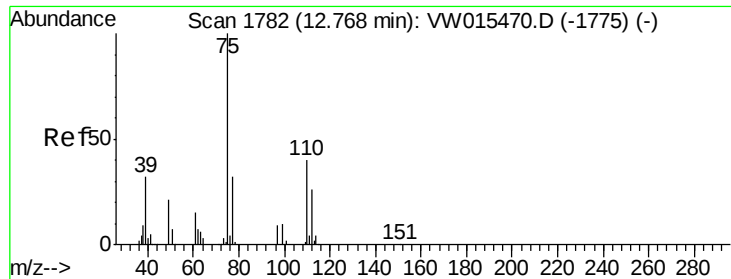
92 55.6 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#59

1,2,3-Trichloropropane

Concen: 0.836 ug/L

RT: 12.60 min Scan# 1755

Delta R.T. -0.16 min

Lab File: VW015490.D

Acq: 26 May 2020 22:43

Instrument :

MSVOA_W

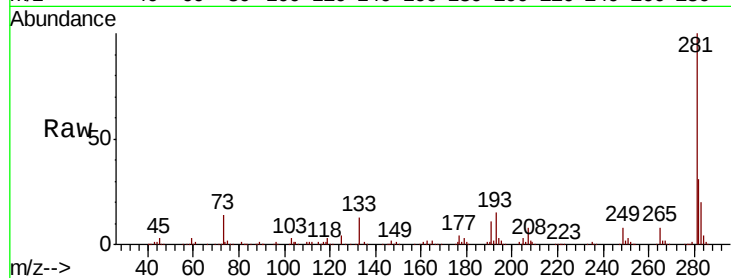
ClientSampleId :

Tot Ion: 75 Resp: 2295

Ion Ratio Lower Upper

75 100

77 5.6 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

