

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015482.D
 Acq On : 26 May 2020 19:36
 Operator : SY/VA
 Sample : L2753-11
 Misc : 6.58G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 01:08:28 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	352617	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323873	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141720	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	93854	29.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.16%
7) Chloroethane-d5	2.89	69	91732	28.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.16%
10) 1,1-Dichloroethene-d2	4.01	63	149728	19.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.08%
20) 2-Butanone-d5	7.08	46	61919	58.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.38%
24) Chloroform-d	7.65	84	214834	26.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.36%
26) 1,2-Dichloroethane-d4	8.31	65	128468	28.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.28%
29) Benzene-d6	8.27	84	425030	26.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.04%
33) 1,2-Dichloropropane-d6	9.27	67	131932	27.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.32%
37) Toluene-d8	10.32	98	400221	25.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.68%
38) trans-1,3-Dichloropropene-	10.58	79	57429	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.88%
39) 2-Hexanone-d5	10.93	63	52647	63.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.00%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	101266	27.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	126510	26.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.56%

Target Compounds

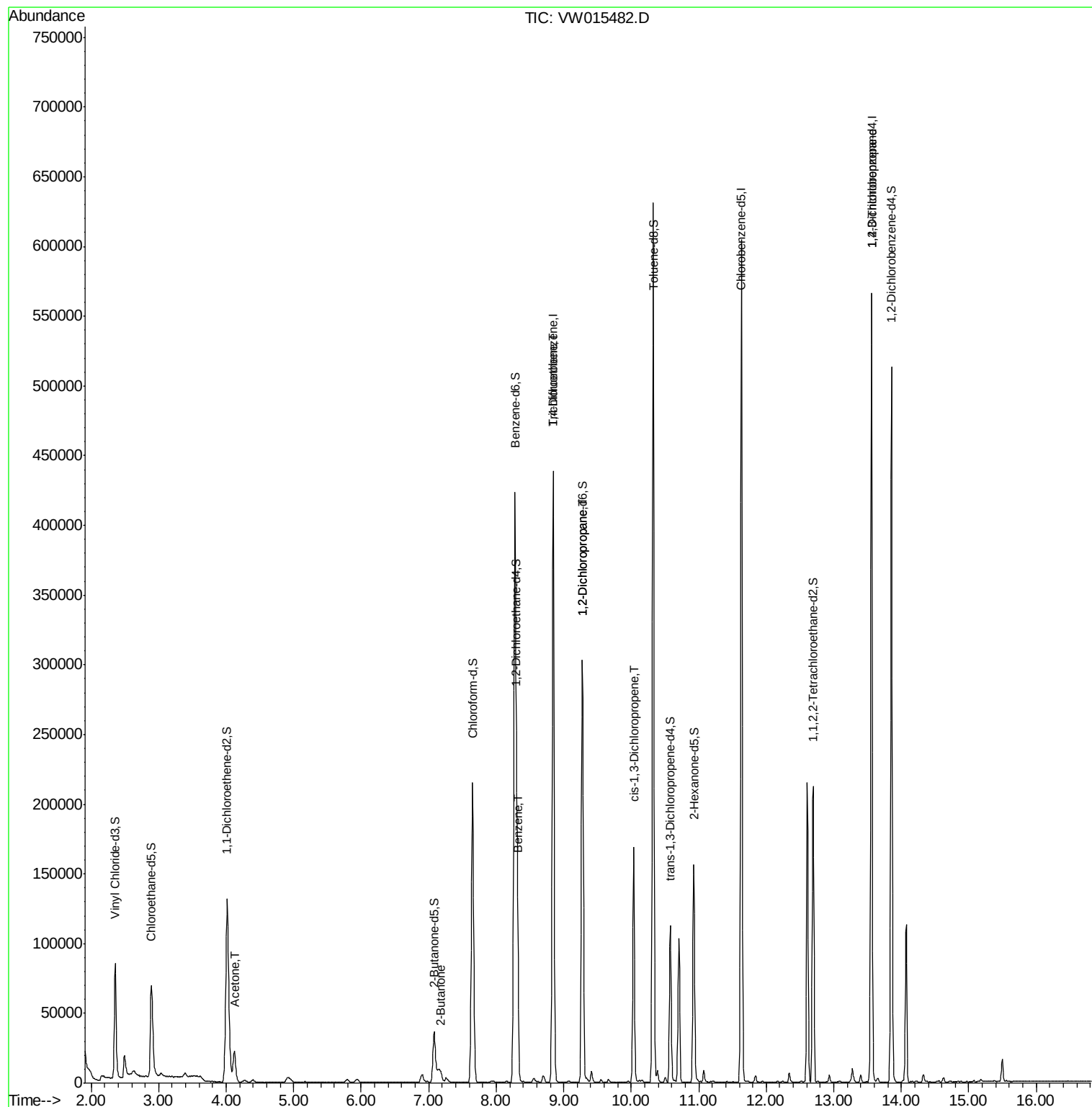
					Ovalue
13) Acetone	4.12	43	37576	46.072 ug/L	99
21) 2-Butanone	7.18	43	9411	7.511 ug/L	98
34) Benzene	8.32	78	6100	0.337 ug/L	100
35) Trichloroethene	8.84	95	10701	2.200 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	15686	3.517 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	4348	0.609 ug/L #	80
59) 1,2,3-Trichloropropane	13.55	75	18431	6.729 ug/L	89

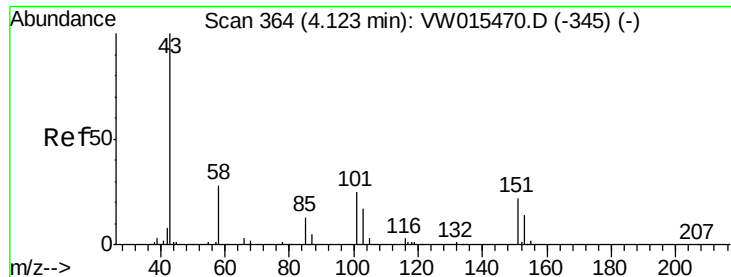
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 27 01:05:50 2020
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#13

Acetone

Concen: 46.072 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015482.D

Acq: 26 May 2020 19:36

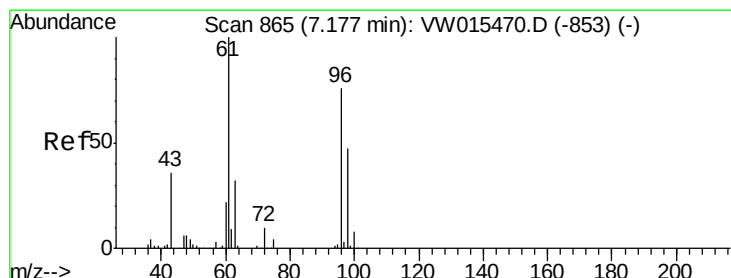
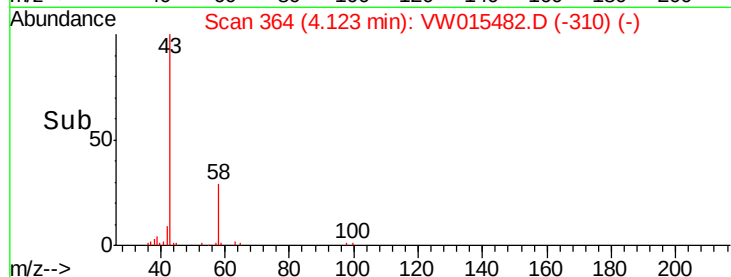
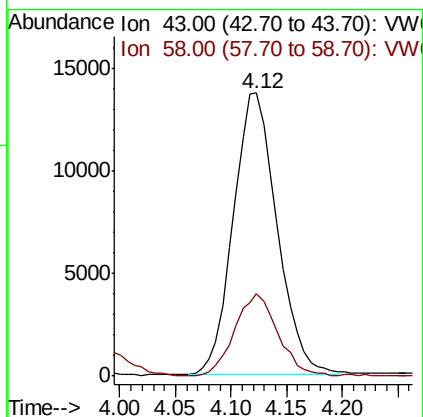
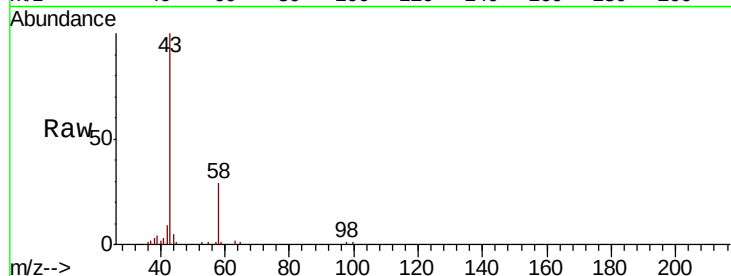
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 37576

Ion Ratio Lower Upper

43 100

58 28.8 0.0 56.8



#21

2-Butanone

Concen: 7.511 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015482.D

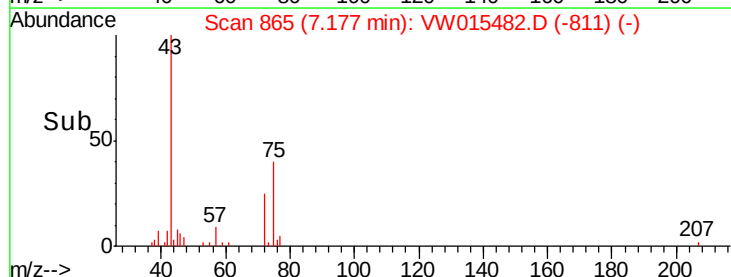
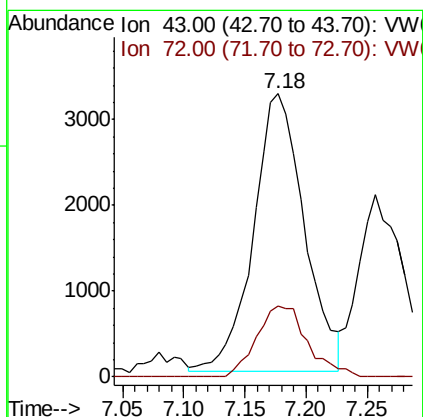
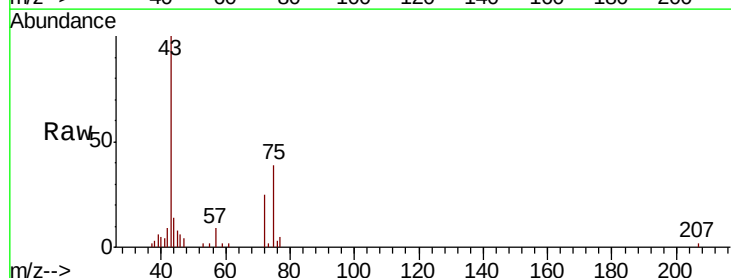
Acq: 26 May 2020 19:36

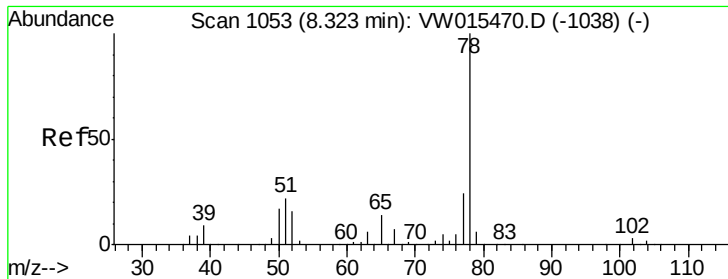
Tgt Ion: 43 Resp: 9411

Ion Ratio Lower Upper

43 100

72 25.4 13.3 39.9





#34

Benzene

Concen: 0.337 ug/L

RT: 8.32 min Scan# 1053

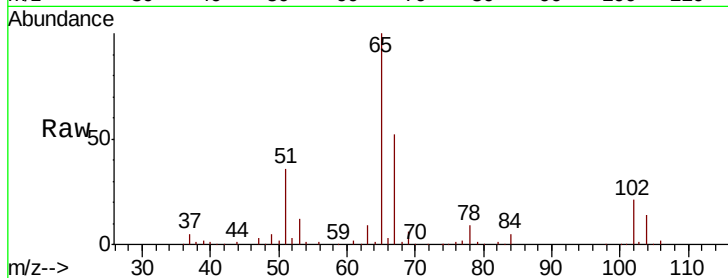
Delta R.T. 0.00 min

Lab File: VW015482.D

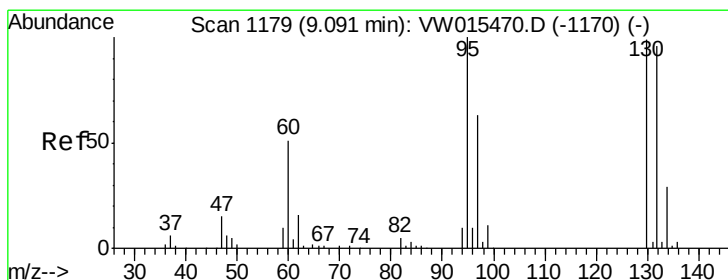
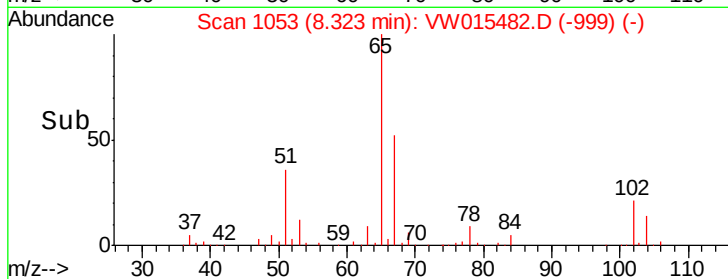
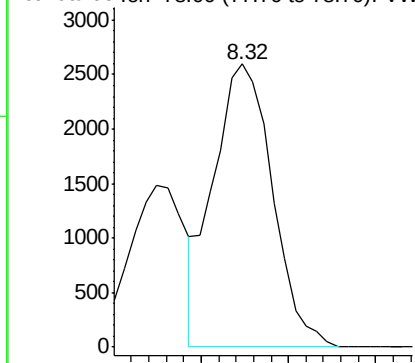
Acq: 26 May 2020 19:36

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 78 Resp: 6100



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 2.200 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015482.D

Acq: 26 May 2020 19:36

Tgt Ion: 95 Resp: 10701

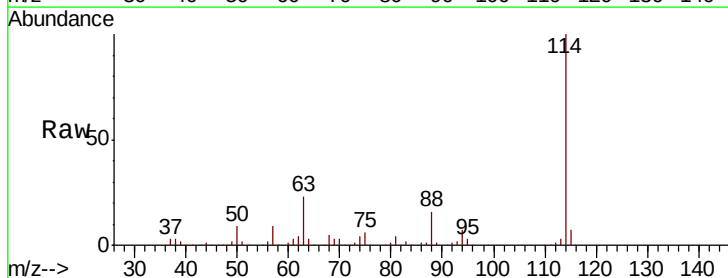
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

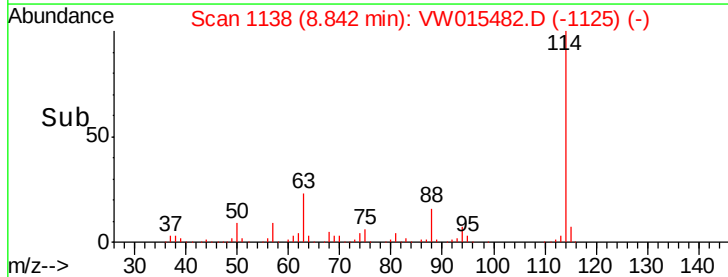
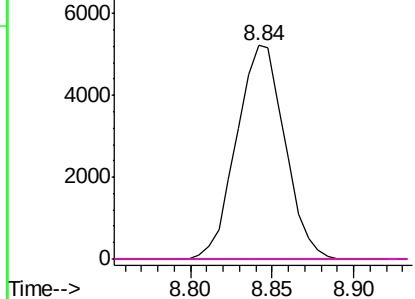


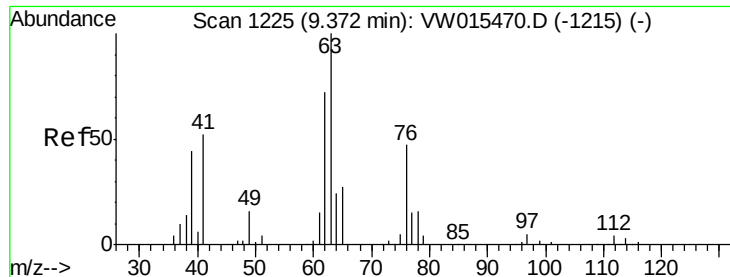
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.517 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015482.D

Acq: 26 May 2020 19:36

Instrument :

MSVOA_W

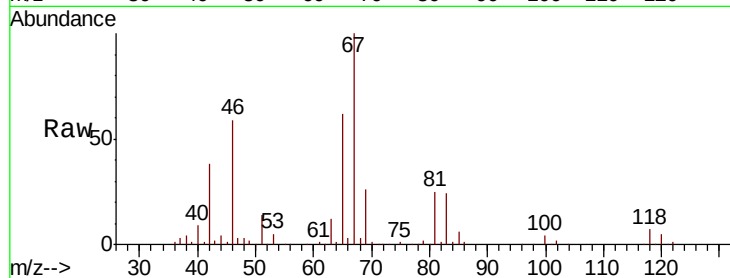
ClientSampleId :

Tot Ion: 63 Resp: 15686

Ion Ratio Lower Upper

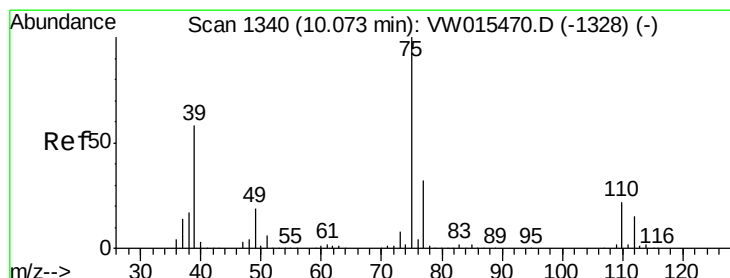
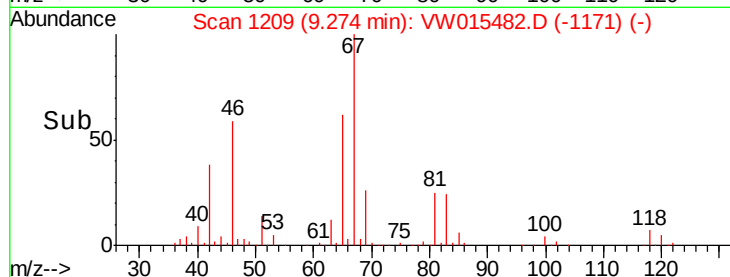
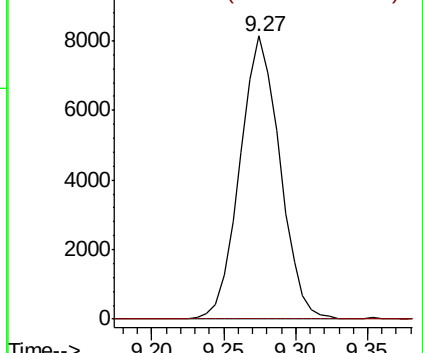
63 100

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): VW



#42

cis-1,3-Dichloropropene

Concen: 0.609 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW015482.D

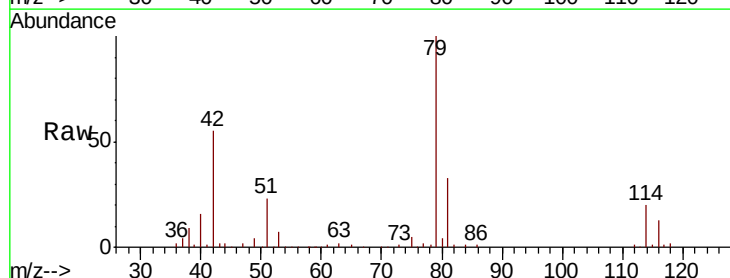
Acq: 26 May 2020 19:36

Tgt Ion: 75 Resp: 4348

Ion Ratio Lower Upper

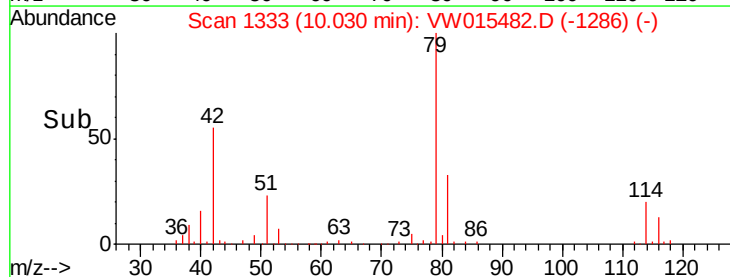
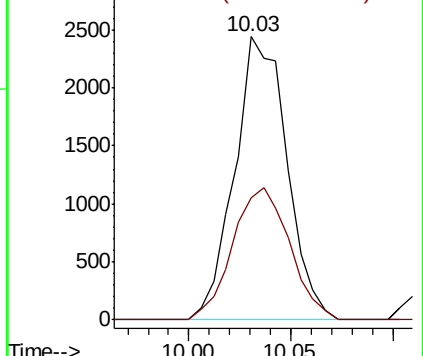
75 100

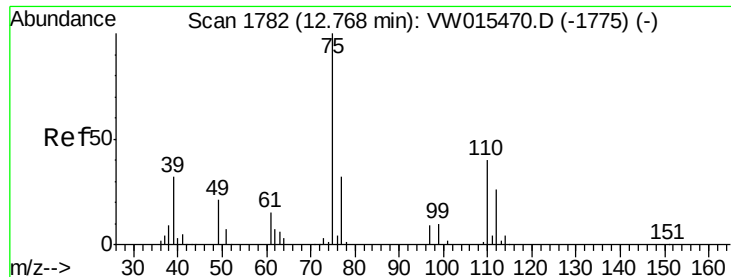
77 42.9 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 6.729 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015482.D

Acq: 26 May 2020 19:36

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 18431

Ion Ratio Lower Upper

75 100

77 38.8 25.9 38.9

