

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\
 Data File : VW015631.D
 Acq On : 18 Jun 2020 13:25
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK19

Quant Time: Jun 19 07:32:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 07:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	306991	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	279494	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128507	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55790	19.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.32%
7) Chloroethane-d5	2.90	69	66675	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
10) 1,1-Dichloroethene-d2	4.01	63	102221	14.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.64%
20) 2-Butanone-d5	7.08	46	47274	51.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.94%
24) Chloroform-d	7.65	84	165132	23.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	8.31	65	95286	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.52%
29) Benzene-d6	8.28	84	322111	23.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.00%
33) 1,2-Dichloropropane-d6	9.27	67	98716	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.80%
37) Toluene-d8	10.33	98	300429	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	10.58	79	36462	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.68%
39) 2-Hexanone-d5	10.93	63	37520	52.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77094	24.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	105161	24.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.68%

Target Compounds

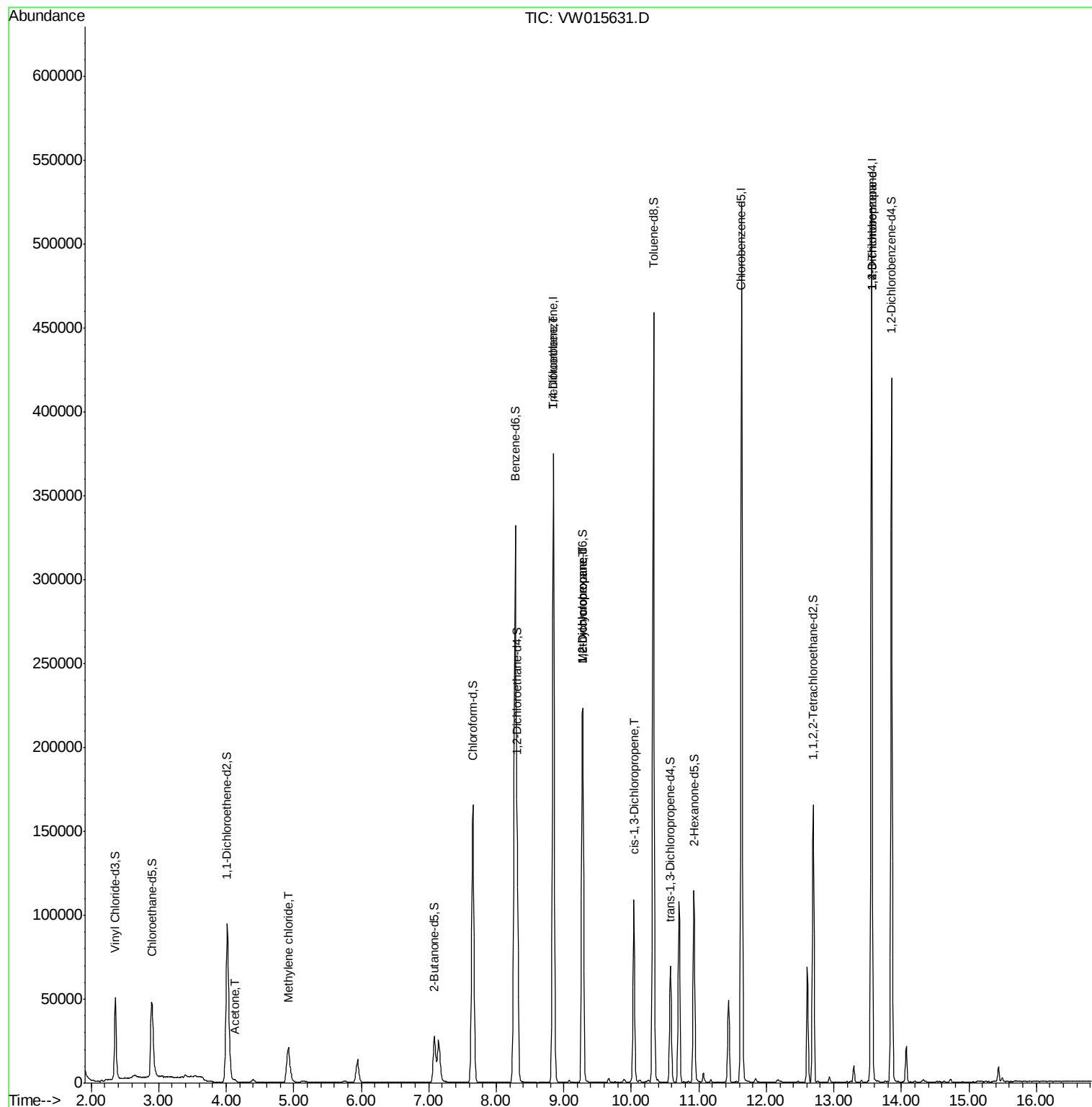
					Ovalue
13) Acetone	4.13	43	2499	3.519 ug/L	98
16) Methylene chloride	4.92	84	16861	4.475 ug/L	92
35) Trichloroethene	8.84	95	9589	2.284 ug/L #	5
36) Methylcyclohexane	9.28	83	24732	3.303 ug/L #	17
40) 1,2-Dichloropropane	9.27	63	12287	3.192 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2848	0.462 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	16016	6.775 ug/L	90

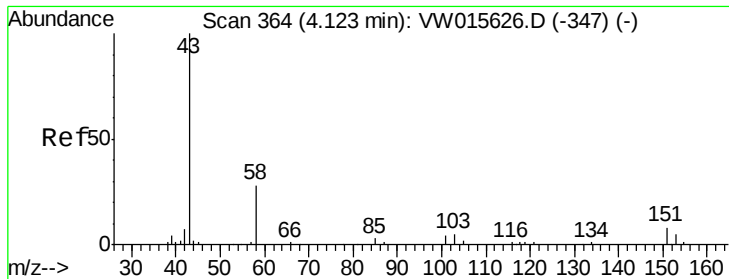
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 19 07:30:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.519 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015631.D

Acq: 18 Jun 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

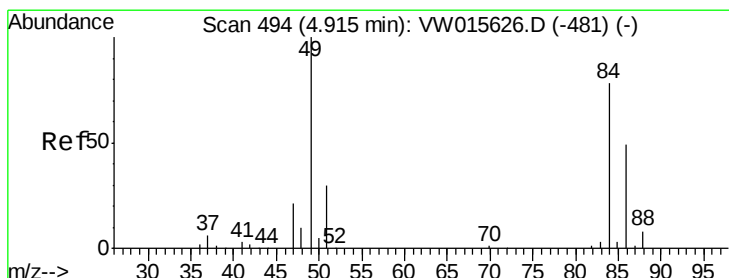
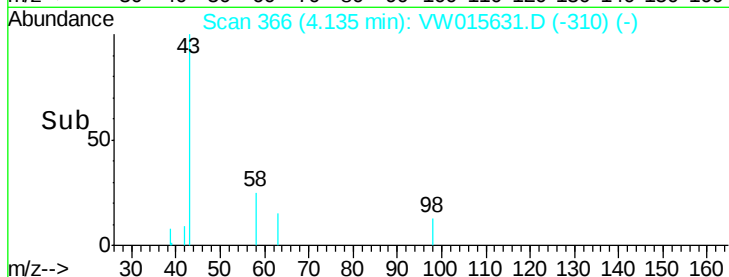
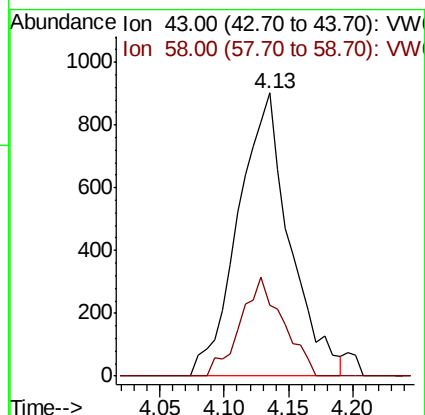
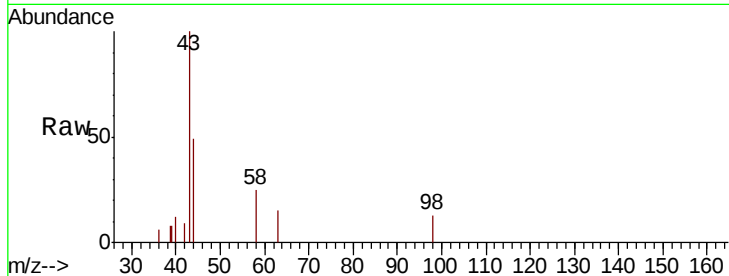
VIBLK19

Tot Ion: 43 Resp: 2499

Ion Ratio Lower Upper

43 100

58 27.3 0.0 56.8



#16

Methylene chloride

Concen: 4.475 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015631.D

Acq: 18 Jun 2020 13:25

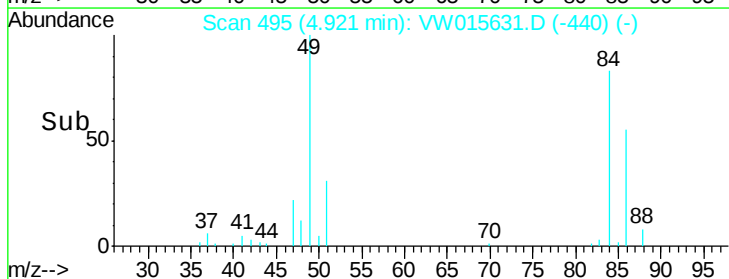
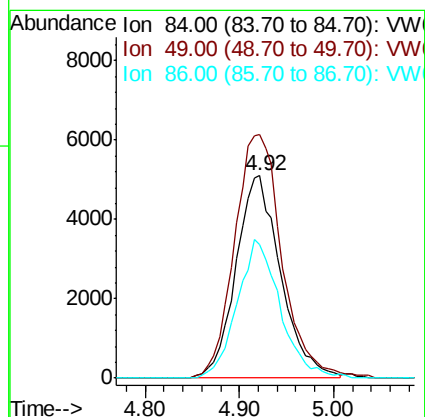
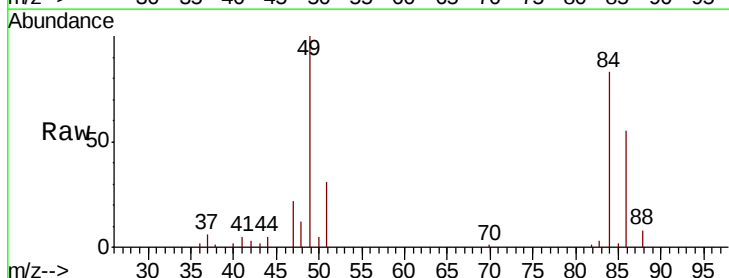
Tgt Ion: 84 Resp: 16861

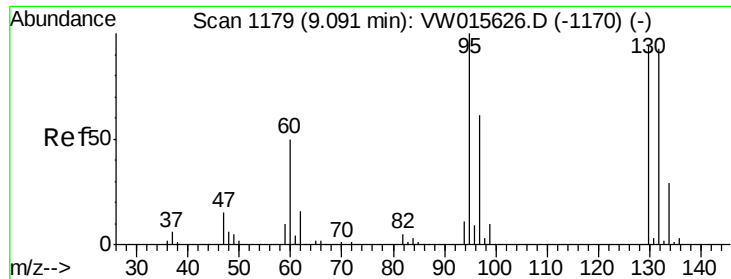
Ion Ratio Lower Upper

84 100

49 120.5 93.0 172.8

86 65.9 44.7 83.1





#35

Trichloroethene

Concen: 2.284 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015631.D

Acq: 18 Jun 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

VIBLK19

Tot Ion: 95 Resp: 9589

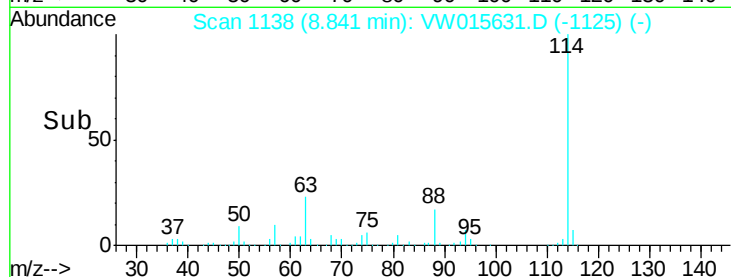
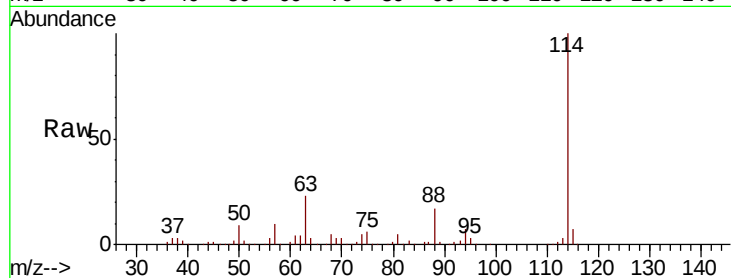
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

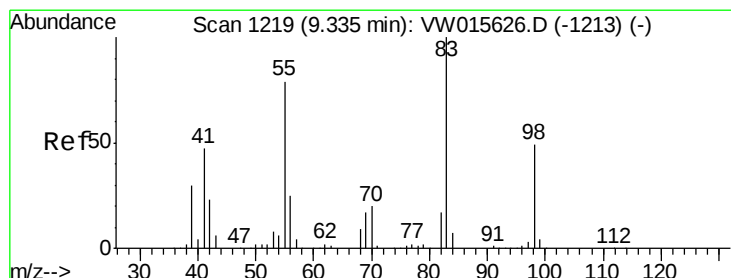
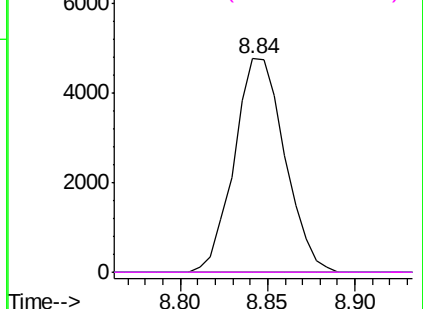


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.303 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW015631.D

Acq: 18 Jun 2020 13:25

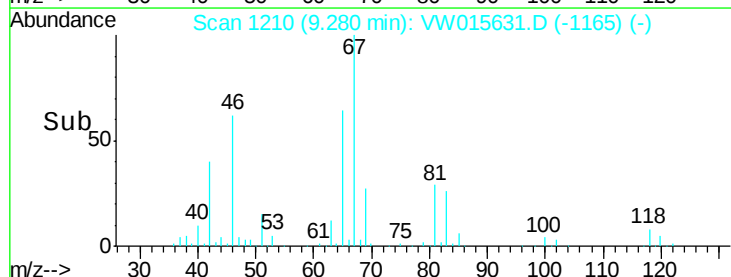
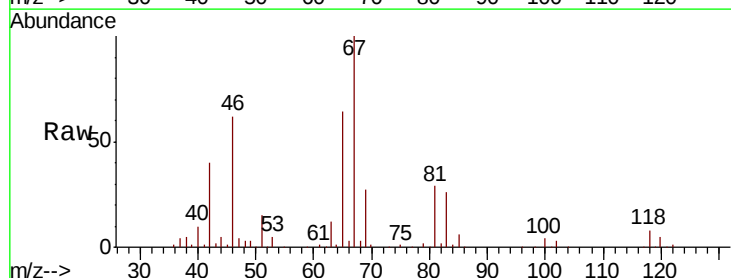
Tgt Ion: 83 Resp: 24732

Ion Ratio Lower Upper

83 100

55 0.1 62.8 94.2#

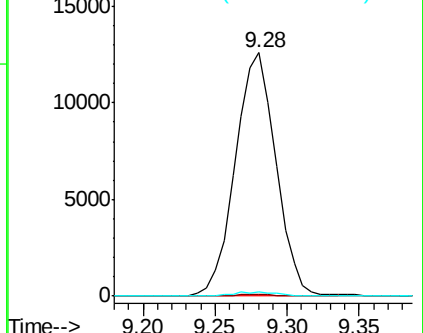
98 0.0 39.2 58.8#

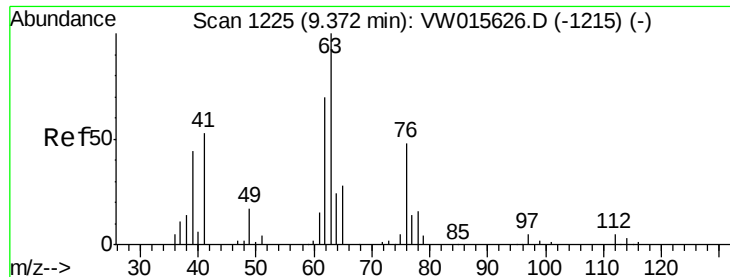


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.192 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015631.D

Acq: 18 Jun 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

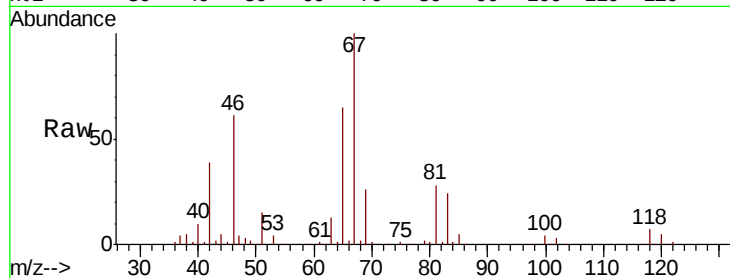
VIBLK19

Tot Ion: 63 Resp: 12287

Ion Ratio Lower Upper

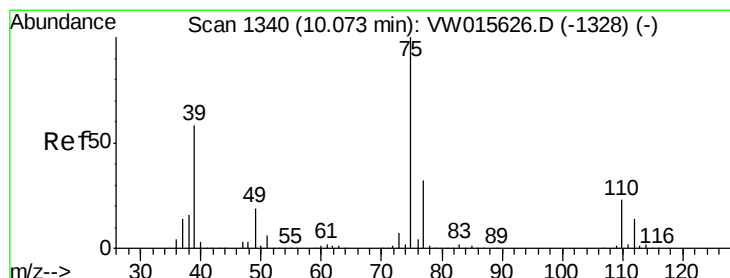
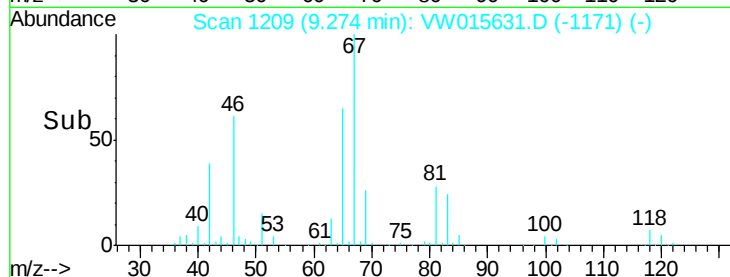
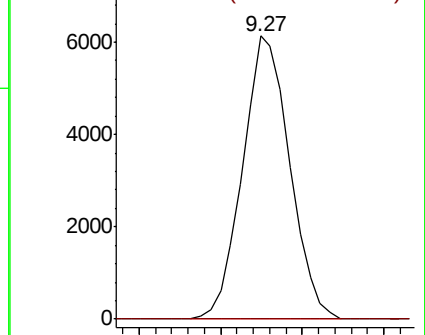
63 100

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: 0.462 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015631.D

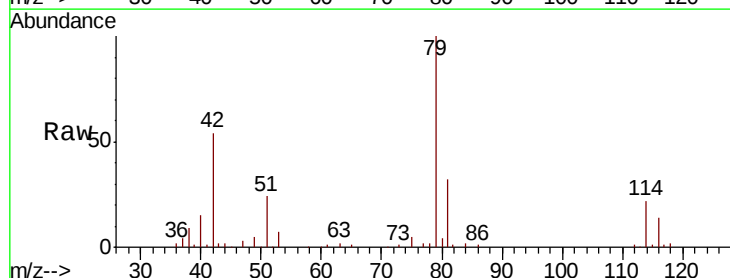
Acq: 18 Jun 2020 13:25

Tgt Ion: 75 Resp: 2848

Ion Ratio Lower Upper

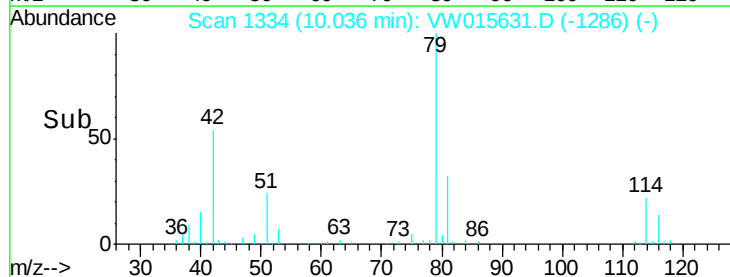
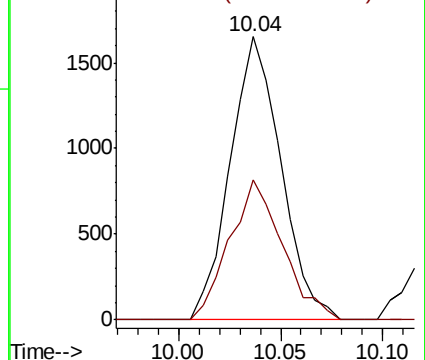
75 100

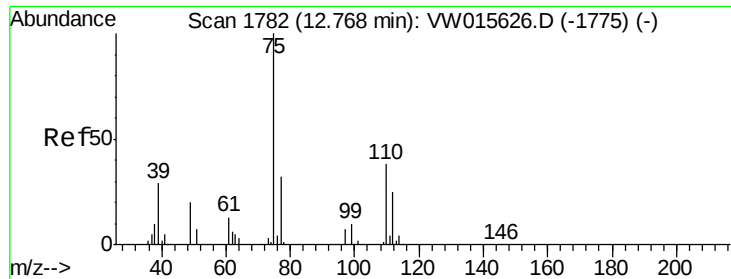
77 49.3 22.3 41.5#



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: 6.775 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015631.D

Acq: 18 Jun 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

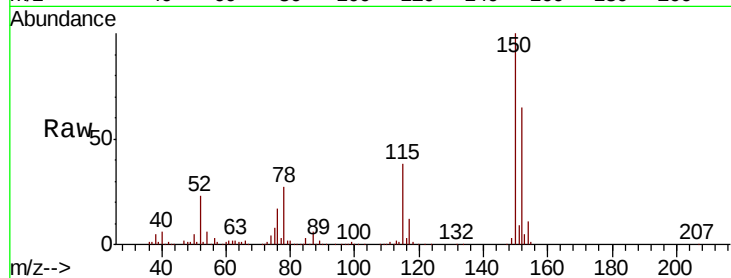
VIBLK19

Tot Ion: 75 Resp: 16016

Ion Ratio Lower Upper

75 100

77 38.3 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

