

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016831.D
 Acq On : 07 Oct 2020 13:17
 Operator : SY/VA
 Sample : L4290-02
 Misc : 4.49G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLWT3

Quant Time: Oct 08 08:40:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	647801	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	584202	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	267680	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	152261	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
7) Chloroethane-d5	2.90	69	123636	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.24%
10) 1,1-Dichloroethene-d2	4.02	63	219769	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.76%
20) 2-Butanone-d5	7.09	46	60055	41.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.98%
24) Chloroform-d	7.65	84	299543	21.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	8.31	65	153049	23.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.72%
29) Benzene-d6	8.28	84	629383	23.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.88%
33) 1,2-Dichloropropane-d6	9.28	67	170012	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
37) Toluene-d8	10.33	98	589034	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.12%
38) trans-1,3-Dichloropropene-	10.58	79	68822	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.52%
39) 2-Hexanone-d5	10.93	63	49972	45.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129441	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	206348	24.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.20%

Target Compounds

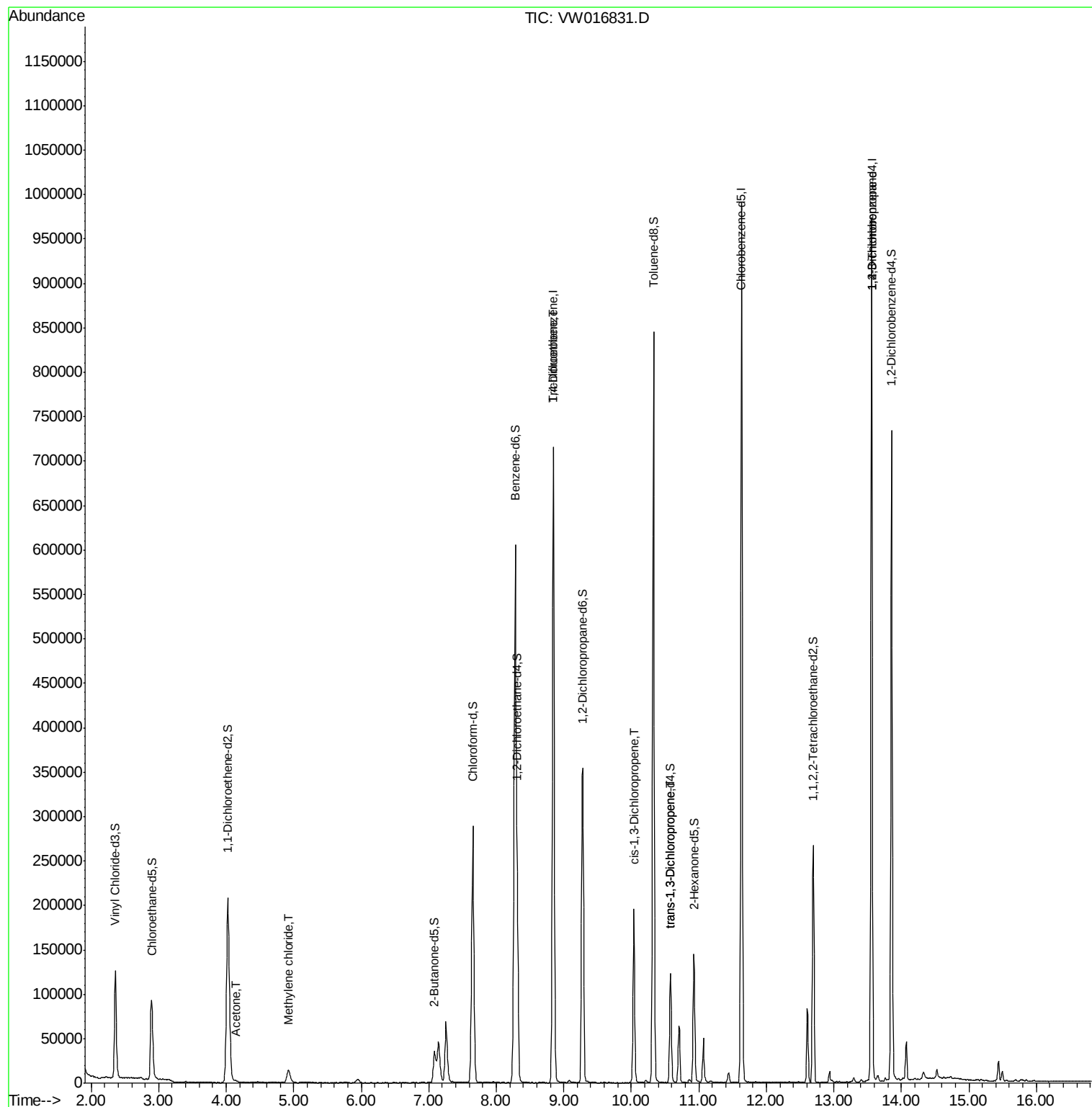
					Ovalue
13) Acetone	4.14	43	3815	3.483 ug/L	80
16) Methylene chloride	4.92	84	13521	1.512 ug/L	96
35) Trichloroethene	8.85	95	18758	2.114 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	5022	0.444 ug/L #	75
45) trans-1,3-Dichloropropene	10.58	75	3248	0.341 ug/L	94
59) 1,2,3-Trichloropropane	13.56	75	28374	6.146 ug/L	93

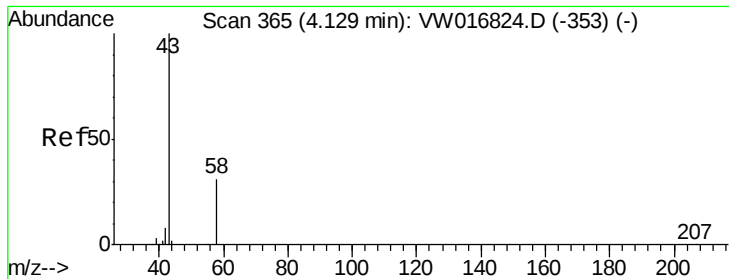
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 08 08:32:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.483 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016831.D

Acq: 07 Oct 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

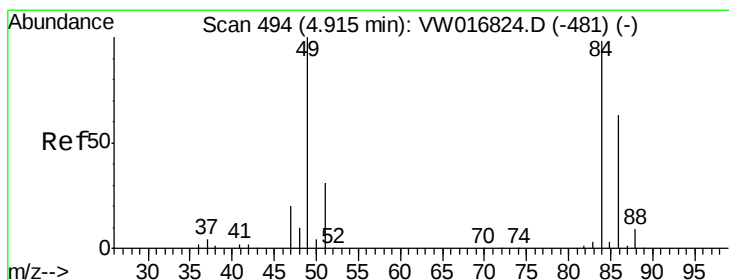
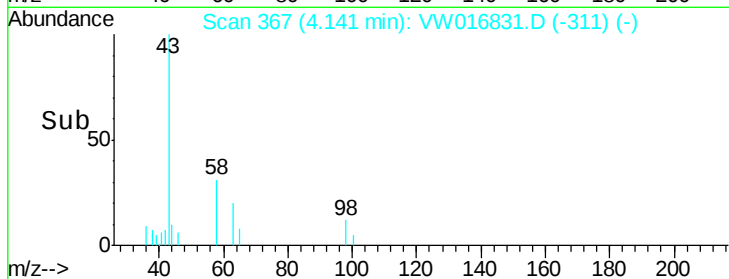
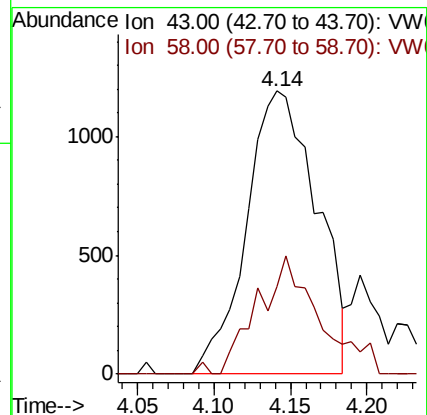
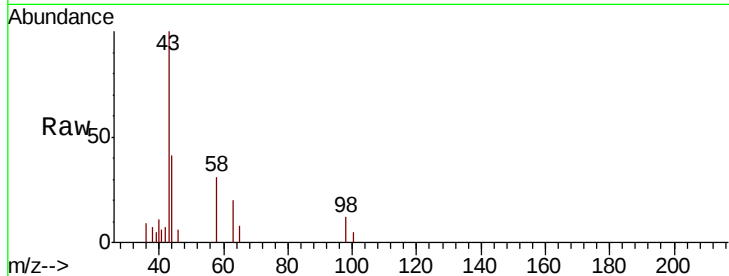
JLWT3

Tot Ion: 43 Resp: 3815

Ion Ratio Lower Upper

43 100

58 22.4 0.0 67.6



#16

Methylene chloride

Concen: 1.512 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016831.D

Acq: 07 Oct 2020 13:17

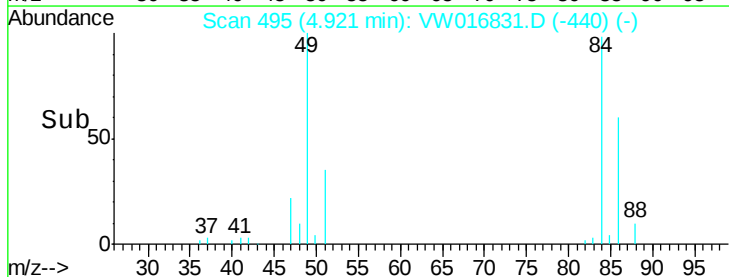
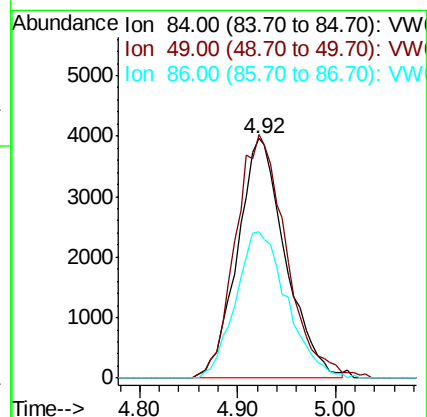
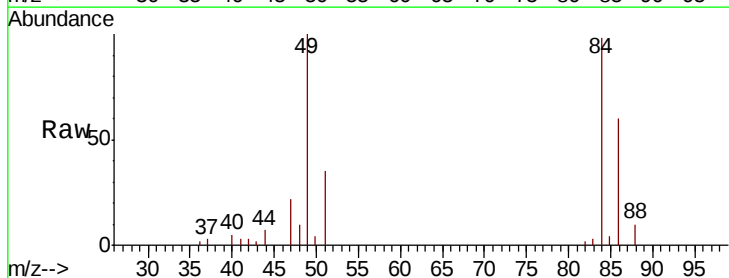
Tgt Ion: 84 Resp: 13521

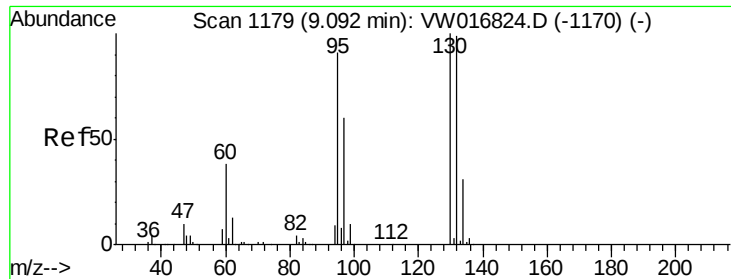
Ion Ratio Lower Upper

84 100

49 101.8 73.1 135.8

86 61.3 46.0 85.4





#35

Trichloroethene

Concen: 2.114 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016831.D

Acq: 07 Oct 2020 13:17

Instrument :

MSVOA_W

ClientSampled :

JLWT3

Tot Ion: 95 Resp: 18758

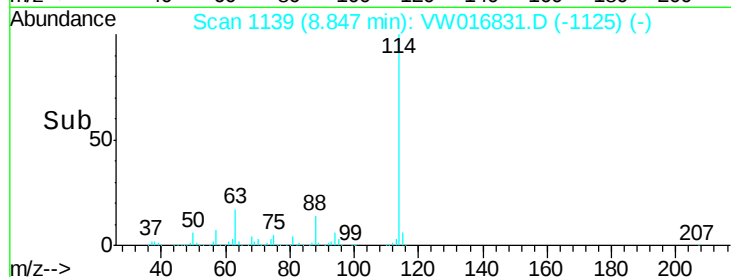
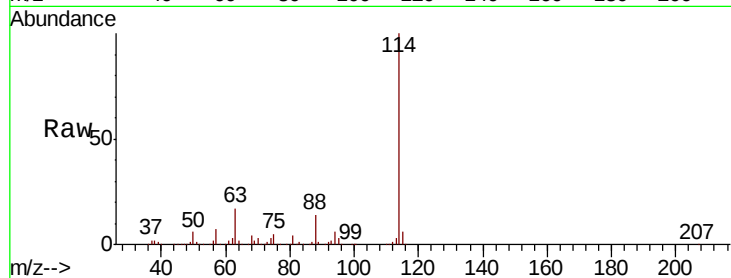
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 73.8 137.2#

130 0.0 77.1 143.3#

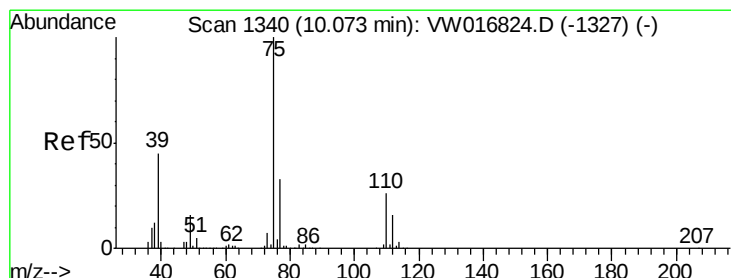
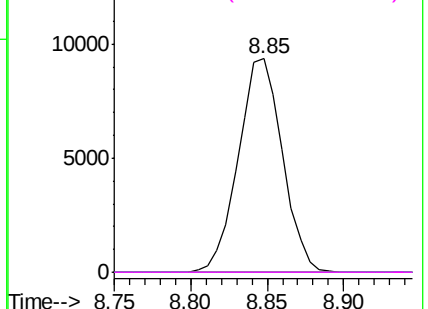


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.444 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016831.D

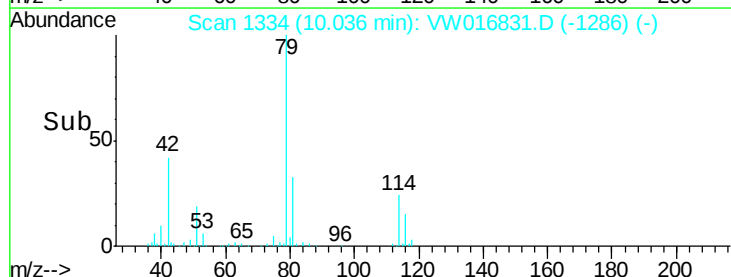
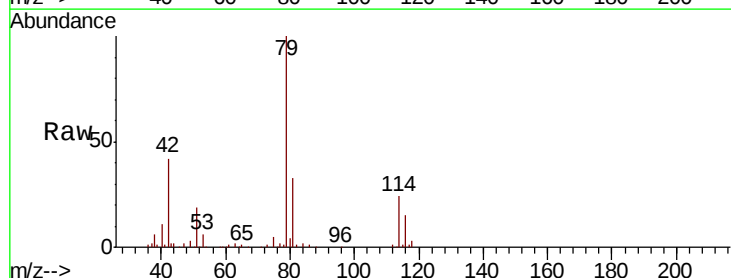
Acq: 07 Oct 2020 13:17

Tgt Ion: 75 Resp: 5022

Ion Ratio Lower Upper

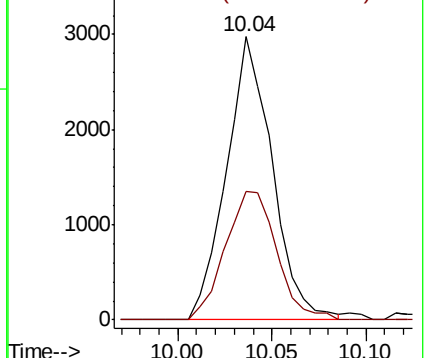
75 100

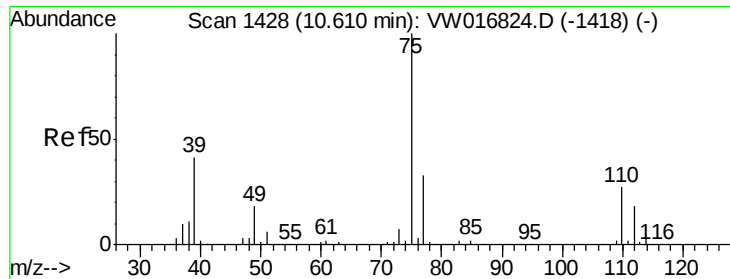
77 45.5 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.341 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016831.D

Acq: 07 Oct 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

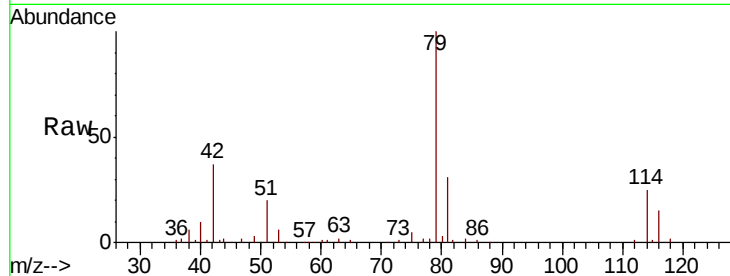
JLWT3

Tot Ion: 75 Resp: 3248

Ion Ratio Lower Upper

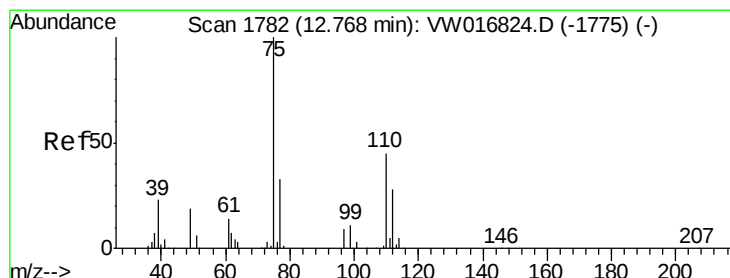
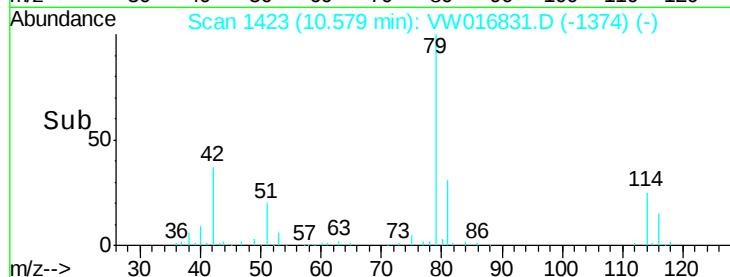
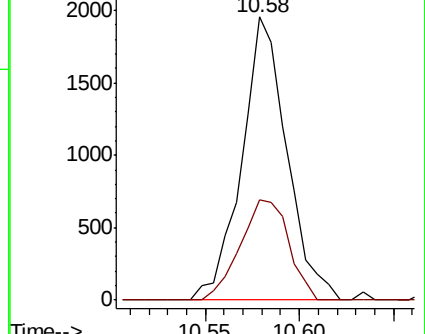
75 100

77 35.2 22.2 41.2



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: 6.146 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016831.D

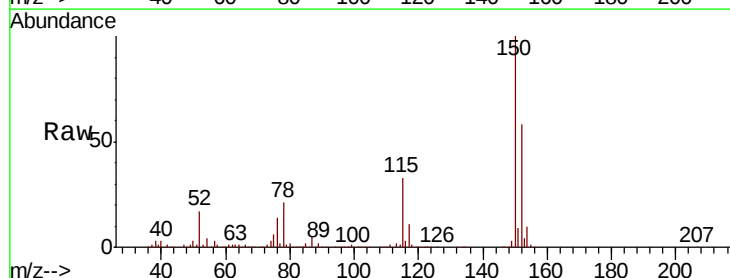
Acq: 07 Oct 2020 13:17

Tgt Ion: 75 Resp: 28374

Ion Ratio Lower Upper

75 100

77 36.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

