

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101220\
 Data File : VW016876.D
 Acq On : 12 Oct 2020 11:31
 Operator : SY/VA
 Sample : L4209-12
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Oct 13 07:00:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 06:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	542322	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	488382	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	235167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122127	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.32%
7) Chloroethane-d5	2.89	69	101610	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
10) 1,1-Dichloroethene-d2	4.16	63	208	0.02	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.08	46	65430	53.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.98%
24) Chloroform-d	7.65	84	264952	23.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	8.31	65	134217	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.12%
29) Benzene-d6	8.28	84	538359	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	9.27	67	149532	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.36%
37) Toluene-d8	10.32	98	501745	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.88%
38) trans-1,3-Dichloropropene-	10.58	79	63947	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.28%
39) 2-Hexanone-d5	10.93	63	52855	57.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126600	26.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	192923	25.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.44%

Target Compounds

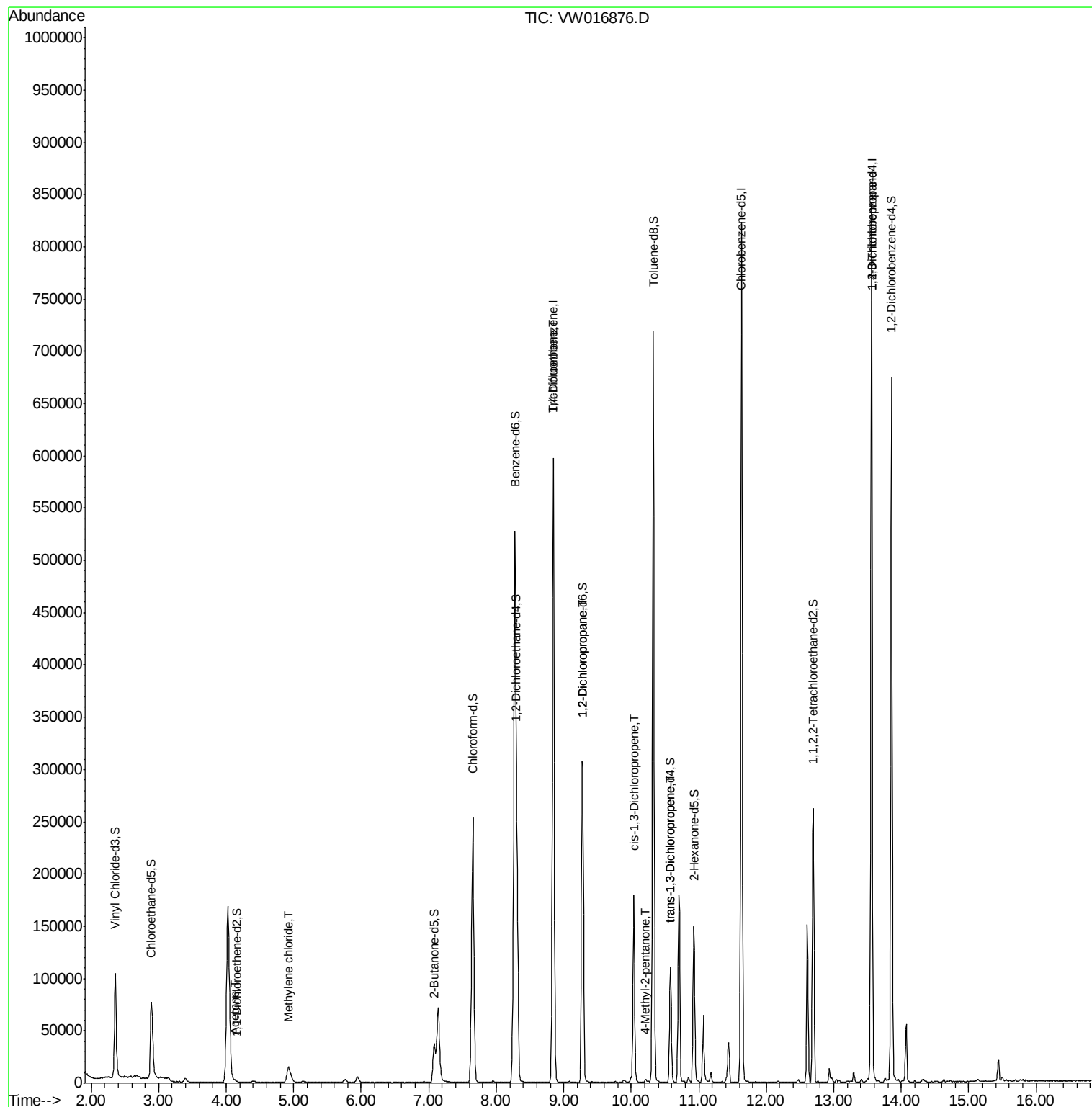
					Ovalue
13) Acetone	4.13	43	1856	2.024 ug/L	82
16) Methylene chloride	4.92	84	13513	1.805 ug/L	92
35) Trichloroethene	8.85	95	15138	2.041 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	16388	2.763 ug/L #	83
42) cis-1,3-Dichloropropene	10.04	75	4369	0.462 ug/L #	70
43) 4-Methyl-2-pentanone	10.22	43	2480	0.831 ug/L #	87
45) trans-1,3-Dichloropropene	10.58	75	2847	0.358 ug/L #	71
59) 1,2,3-Trichloropropane	13.56	75	24199	6.270 ug/L	91

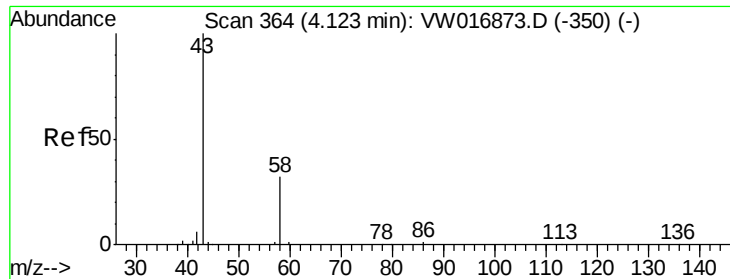
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 13 06:53:04 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.024 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW016876.D

Acq: 12 Oct 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

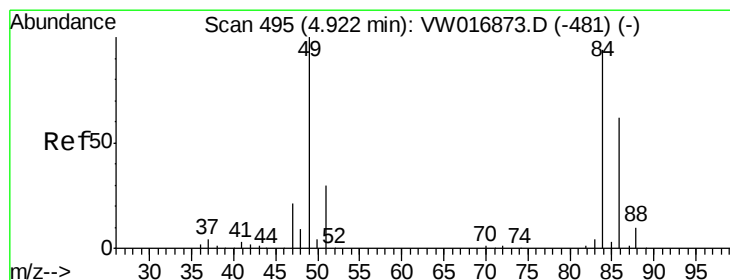
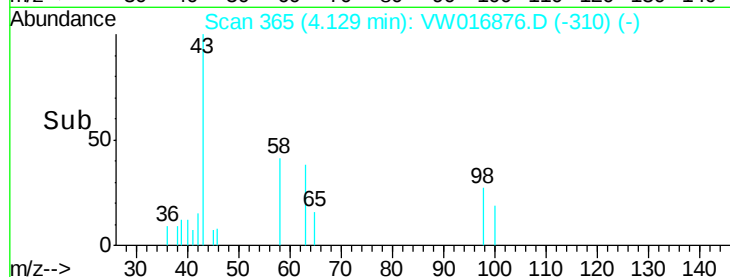
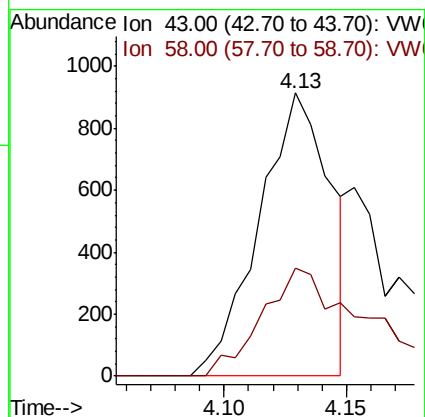
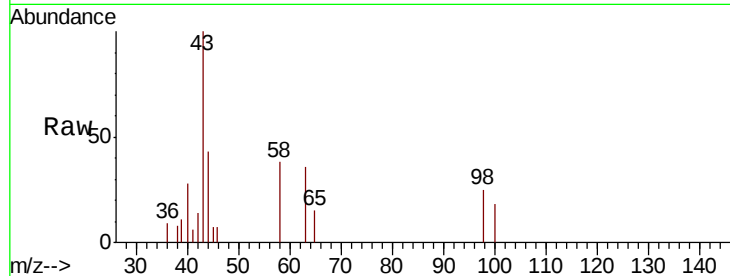
VHBLK02

Tot Ion: 43 Resp: 1856

Ion Ratio Lower Upper

43 100

58 44.3 0.0 67.6



#16

Methylene chloride

Concen: 1.805 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016876.D

Acq: 12 Oct 2020 11:31

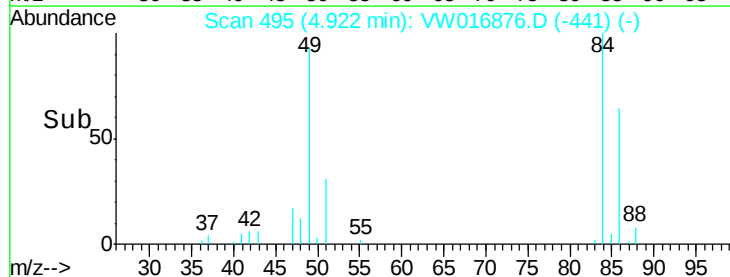
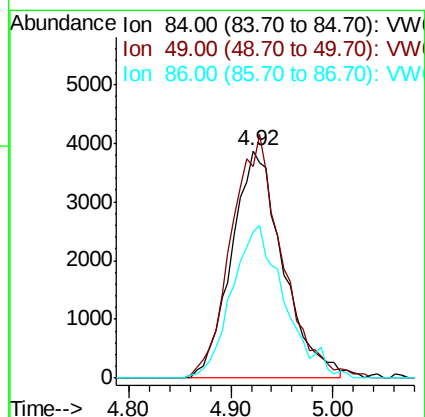
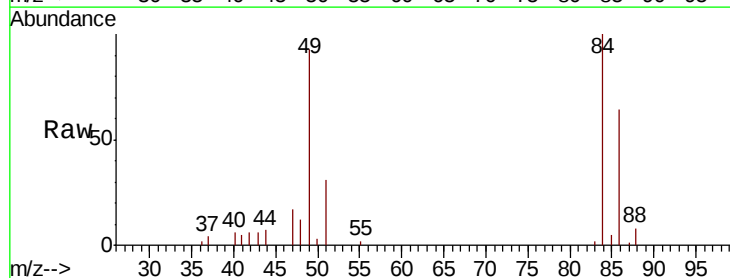
Tgt Ion: 84 Resp: 13513

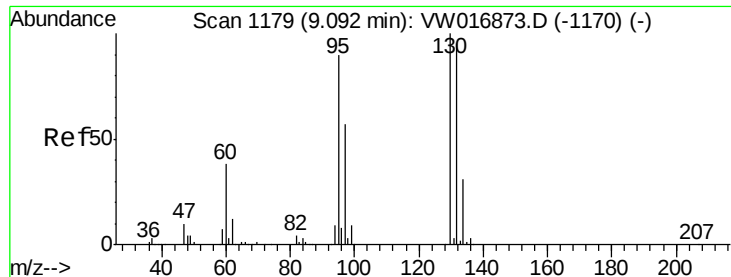
Ion Ratio Lower Upper

84 100

49 93.0 73.1 135.8

86 64.1 46.0 85.4





#35

Trichloroethene

Concen: 2.041 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016876.D

Acq: 12 Oct 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tot Ion: 95 Resp: 15138

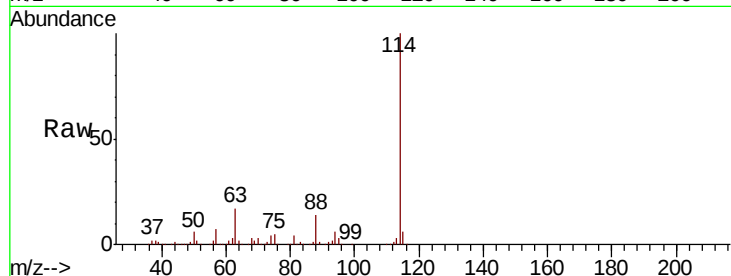
Ion Ratio Lower Upper

95 100

97 0.1 44.7 83.1#

132 0.3 73.8 137.2#

130 0.0 77.1 143.3#

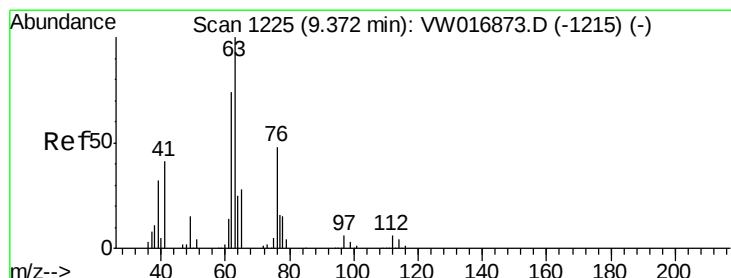
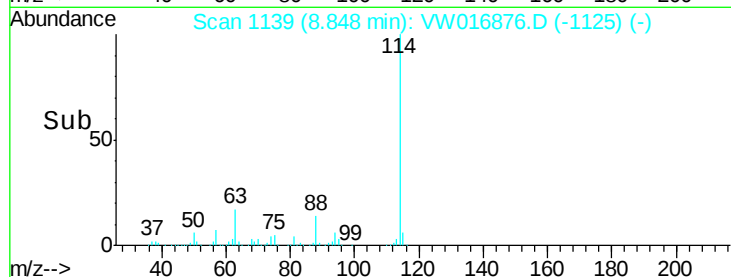
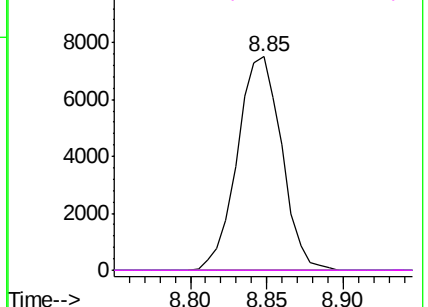


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.763 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016876.D

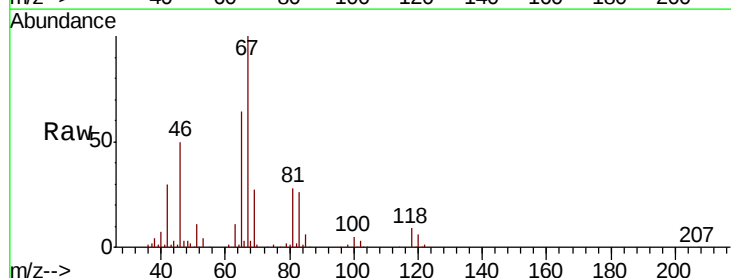
Acq: 12 Oct 2020 11:31

Tgt Ion: 63 Resp: 16388

Ion Ratio Lower Upper

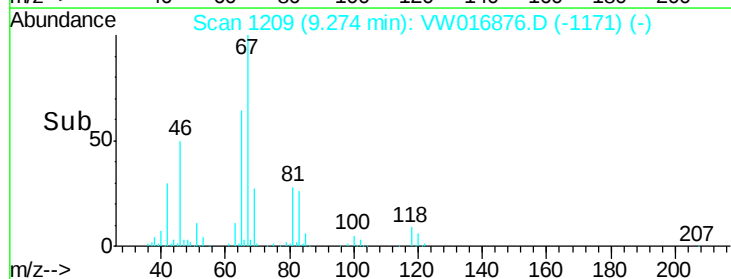
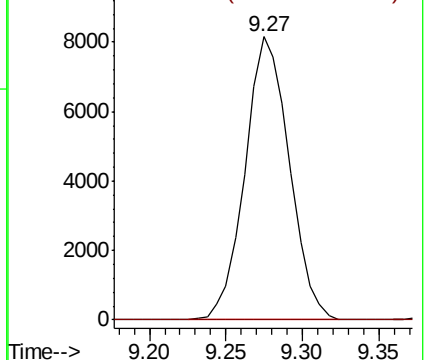
63 100

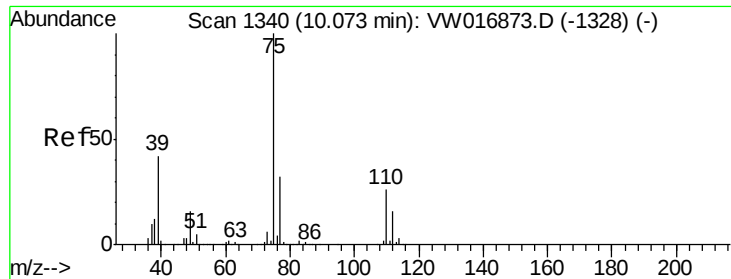
112 0.0 4.5 6.7#



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: VW016876.D

Acq: 12 Oct 2020 11:31

Instrument :

MSVOA_W

ClientSampled :

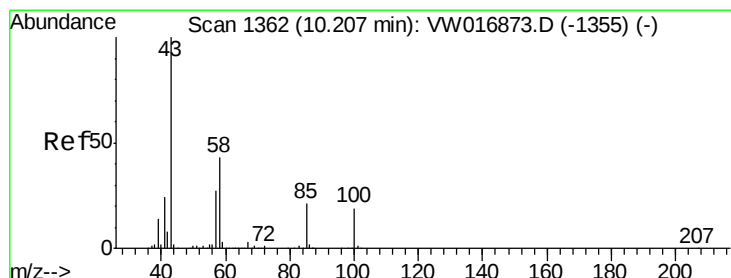
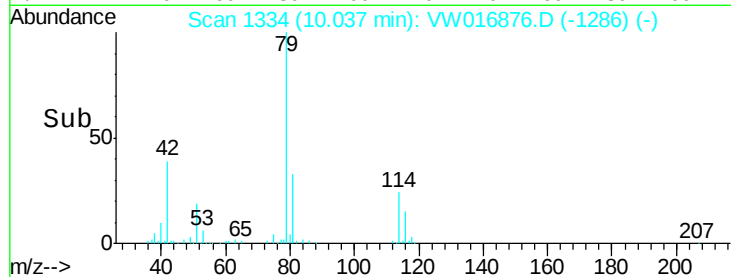
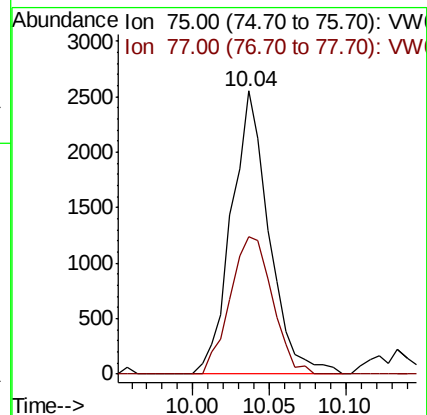
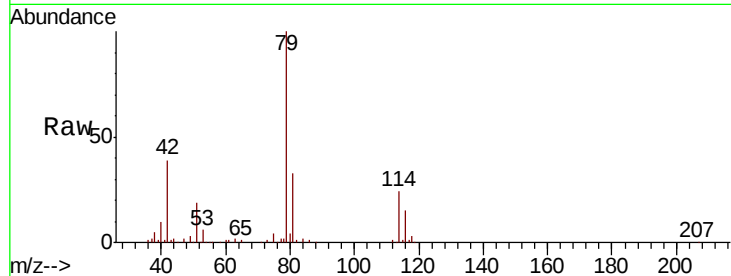
VHBLK02

Tot Ion: 75 Resp: 4369

Ion Ratio Lower Upper

75 100

77 48.3 22.1 41.1#



#43

4-Methyl-2-pentanone

Concen: 0.831 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW016876.D

Acq: 12 Oct 2020 11:31

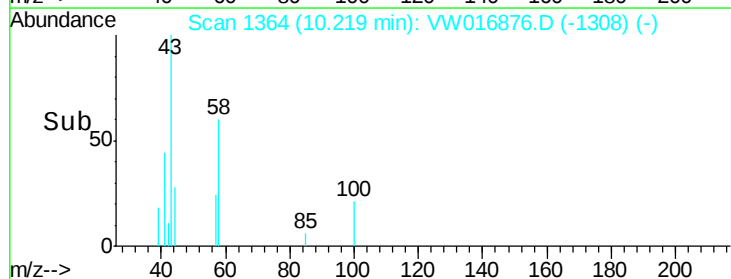
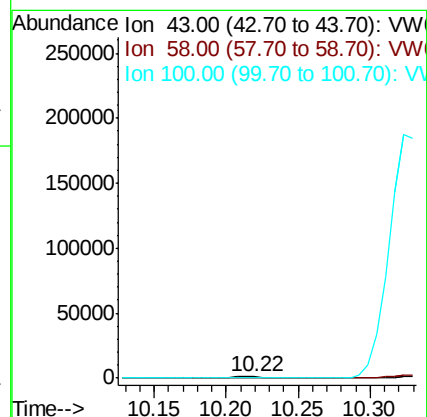
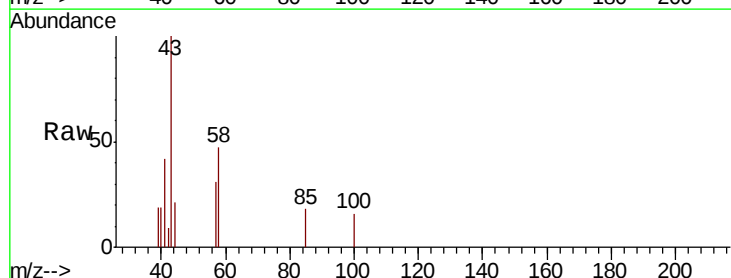
Tgt Ion: 43 Resp: 2480

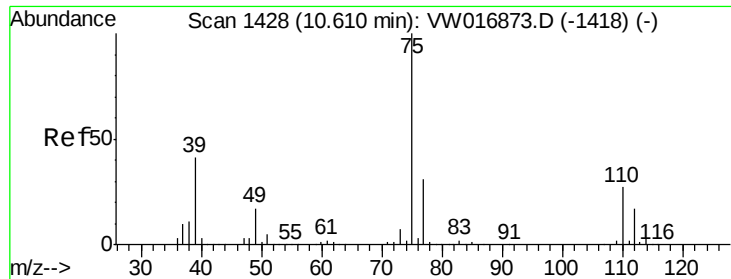
Ion Ratio Lower Upper

43 100

58 35.6 34.7 52.1

100 13.9 16.9 25.3#





#45

trans-1,3-Dichloropropene

Concen: 0.358 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016876.D

Acq: 12 Oct 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

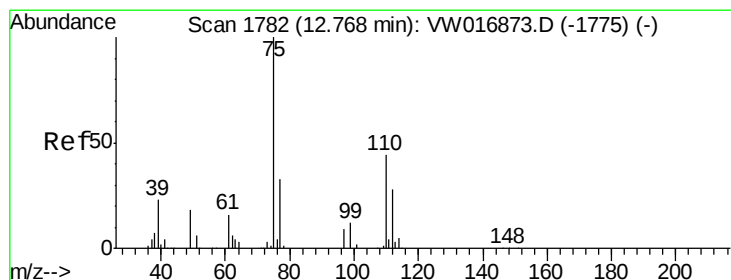
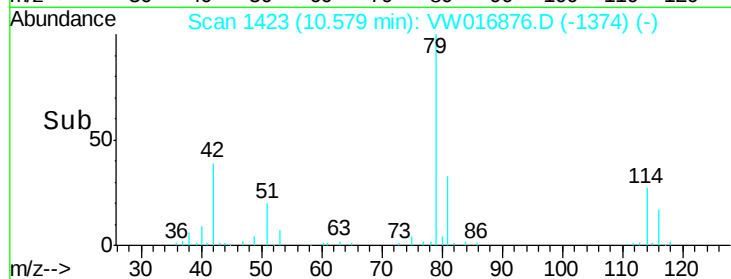
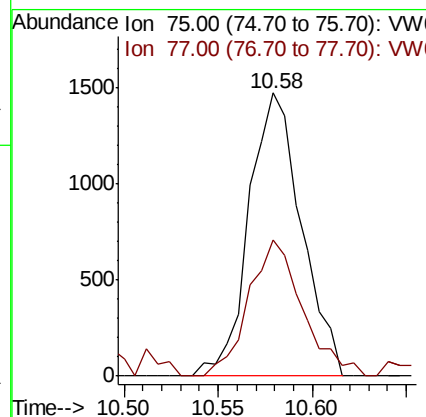
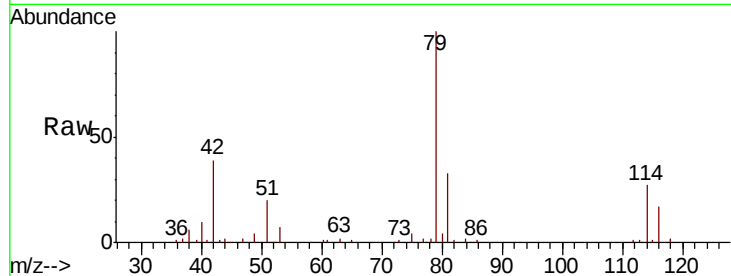
VHBLK02

Tot Ion: 75 Resp: 2847

Ion Ratio Lower Upper

75 100

77 47.9 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 6.270 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016876.D

Acq: 12 Oct 2020 11:31

Tgt Ion: 75 Resp: 24199

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.2

