

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102120\
 Data File : VW016955.D
 Acq On : 21 Oct 2020 14:00
 Operator : SY/VA
 Sample : L4471-07
 Misc : 5.59G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Z1

Quant Time: Oct 21 22:58:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 22:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	796478	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	691315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	314955	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104812	13.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.36%
7) Chloroethane-d5	2.89	69	94810	14.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.52%
10) 1,1-Dichloroethene-d2	4.02	63	168087	10.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.28%#
20) 2-Butanone-d5	7.09	46	53721	30.19	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.38%
24) Chloroform-d	7.65	84	269816	16.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.20%
26) 1,2-Dichloroethane-d4	8.31	65	129930	16.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.04%#
29) Benzene-d6	8.27	84	536342	17.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.32%
33) 1,2-Dichloropropane-d6	9.27	67	151792	17.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.96%
37) Toluene-d8	10.32	98	478303	16.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.56%
38) trans-1,3-Dichloropropene-	10.58	79	59074	15.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.48%
39) 2-Hexanone-d5	10.93	63	44428	34.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114727	16.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	178414	17.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.44%#

Target Compounds

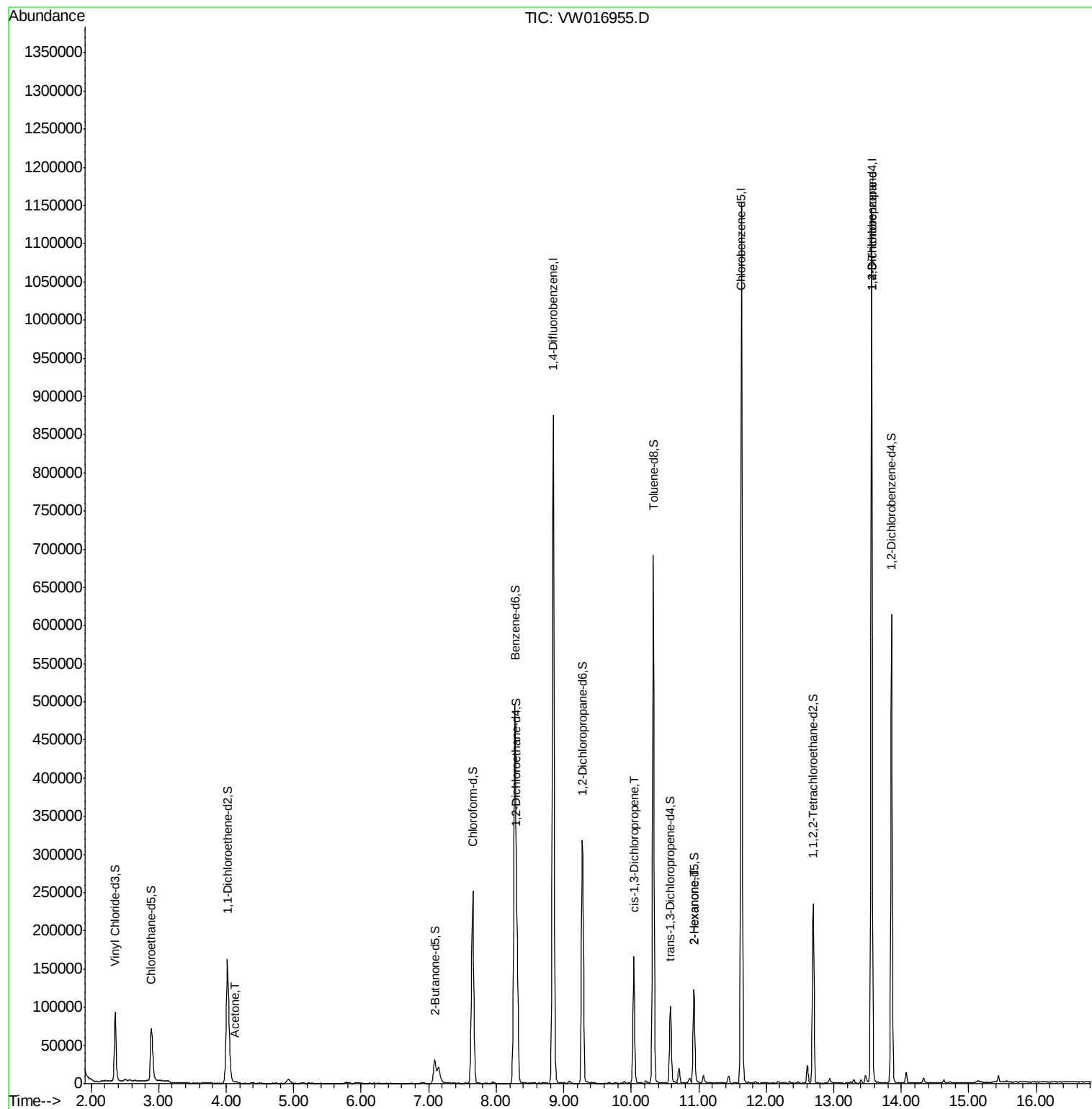
					Ovalue
13) Acetone	4.14	43	1290	0.958 ug/L	53
42) cis-1,3-Dichloropropene	10.04	75	4106	0.307 ug/L #	50
49) 2-Hexanone	10.93	43	5043	1.808 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	32221	5.898 ug/L	91

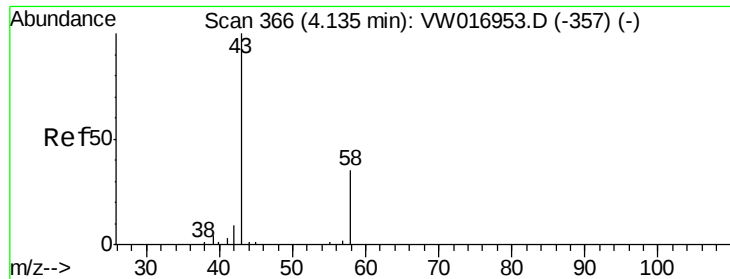
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.958 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW016955.D

Acq: 21 Oct 2020 14:00

Instrument :

MSVOA_W

ClientSampled :

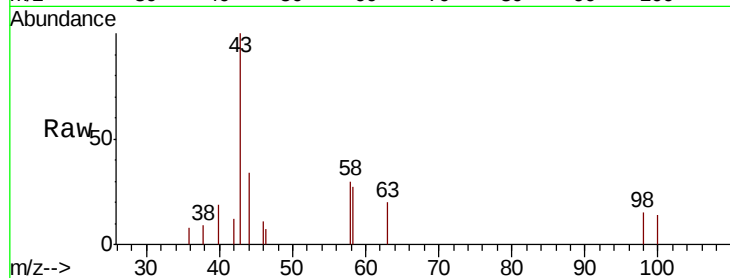
BG3Z1

Tot Ion: 43 Resp: 1290

Ion Ratio Lower Upper

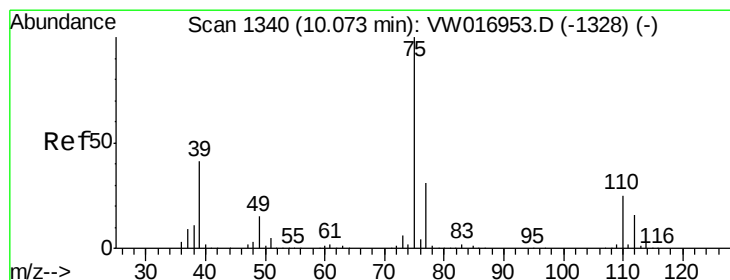
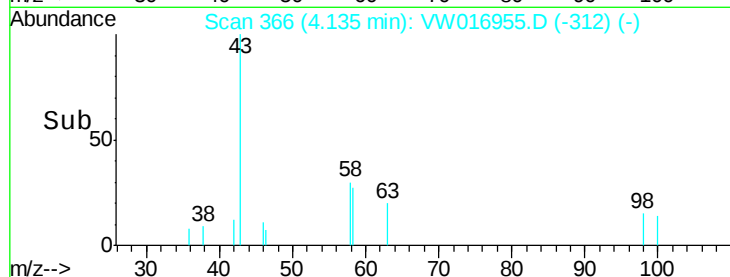
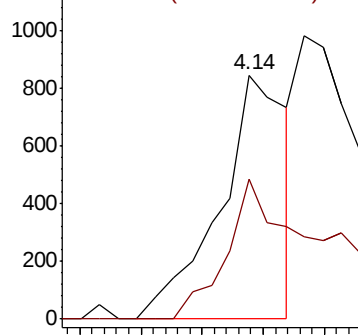
43 100

58 60.9 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.307 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016955.D

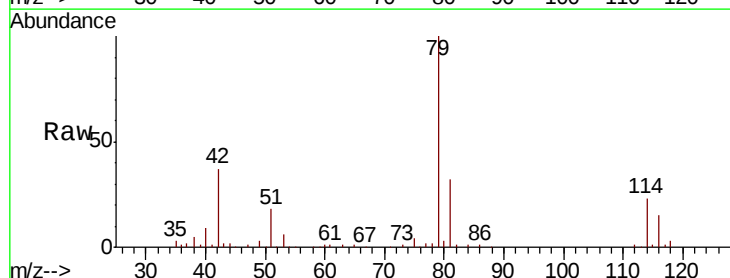
Acq: 21 Oct 2020 14:00

Tgt Ion: 75 Resp: 4106

Ion Ratio Lower Upper

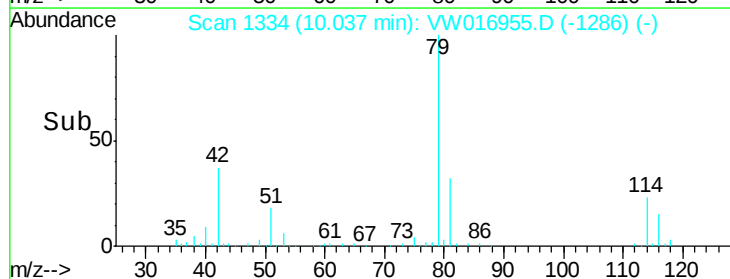
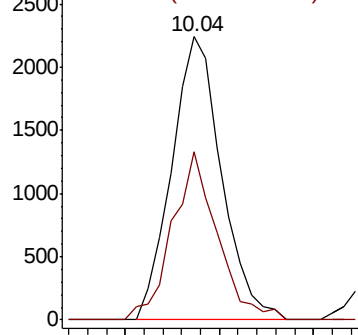
75 100

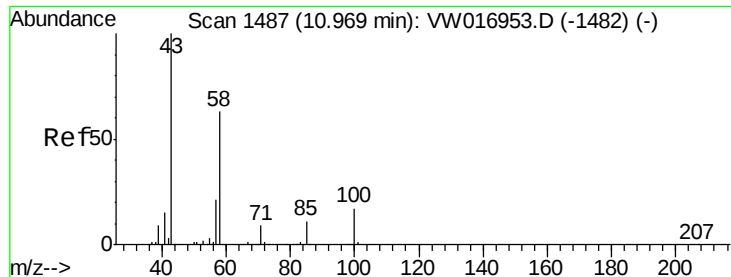
77 59.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 1.808 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016955.D

Acq: 21 Oct 2020 14:00

Instrument :

MSVOA_W

ClientSampleId :

BG3Z1

Tot Ion: 43 Resp: 5043

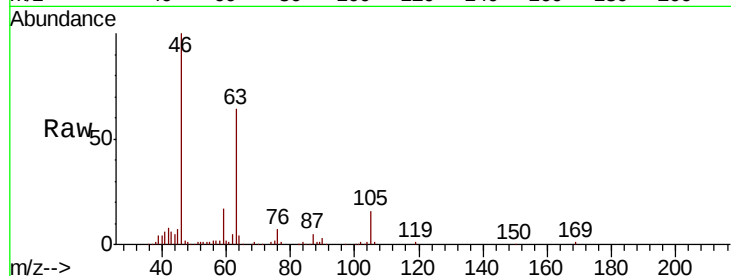
Ion Ratio Lower Upper

43 100

58 28.5 47.1 70.7#

57 28.2 16.2 24.4#

100 1.9 13.3 19.9#



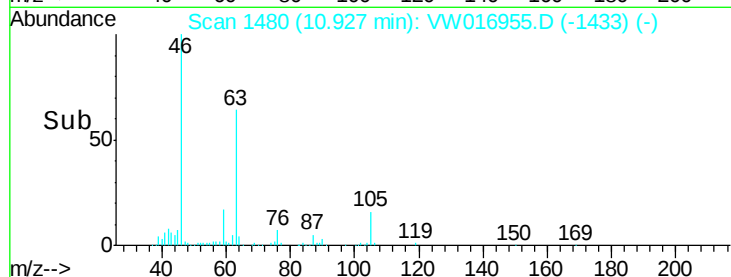
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

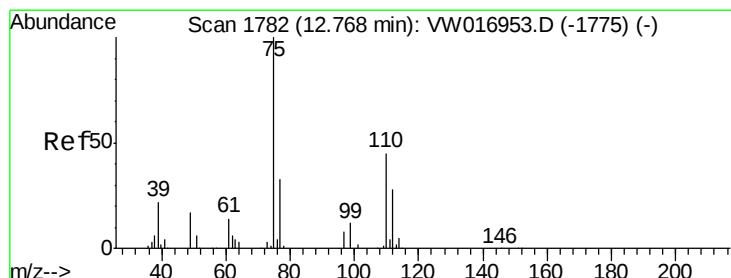
Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

Time-->



Time-->



#59

1,2,3-Trichloropropane

Concen: 5.898 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016955.D

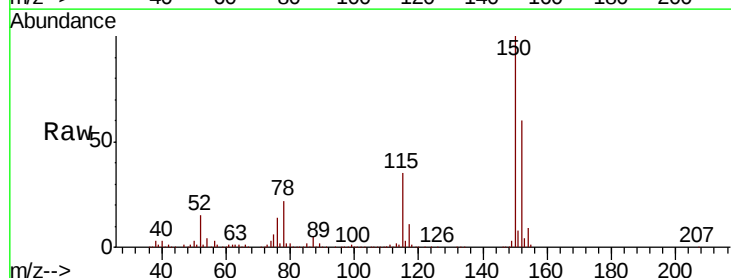
Acq: 21 Oct 2020 14:00

Tgt Ion: 75 Resp: 32221

Ion Ratio Lower Upper

75 100

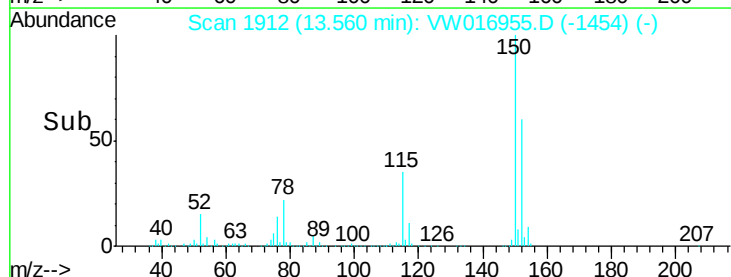
77 37.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Time-->



Time-->