

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016538.D
 Acq On : 11 Sep 2020 10:19
 Operator : SY/VA
 Sample : L3949-04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 02:17:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	571085	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	499269	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217126	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	126897	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.76%
7) Chloroethane-d5	2.90	69	130349	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.84%
10) 1,1-Dichloroethene-d2	4.03	63	213847	15.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.40%
20) 2-Butanone-d5	7.09	46	84615	39.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.20%
24) Chloroform-d	7.65	84	314184	23.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	8.31	65	174293	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.32%
29) Benzene-d6	8.28	84	608348	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	9.28	67	177970	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.48%
37) Toluene-d8	10.33	98	579583	24.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.08%
38) trans-1,3-Dichloropropene-	10.58	79	82209	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.40%
39) 2-Hexanone-d5	10.93	63	67824	44.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147806	23.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	184192	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

Target Compounds

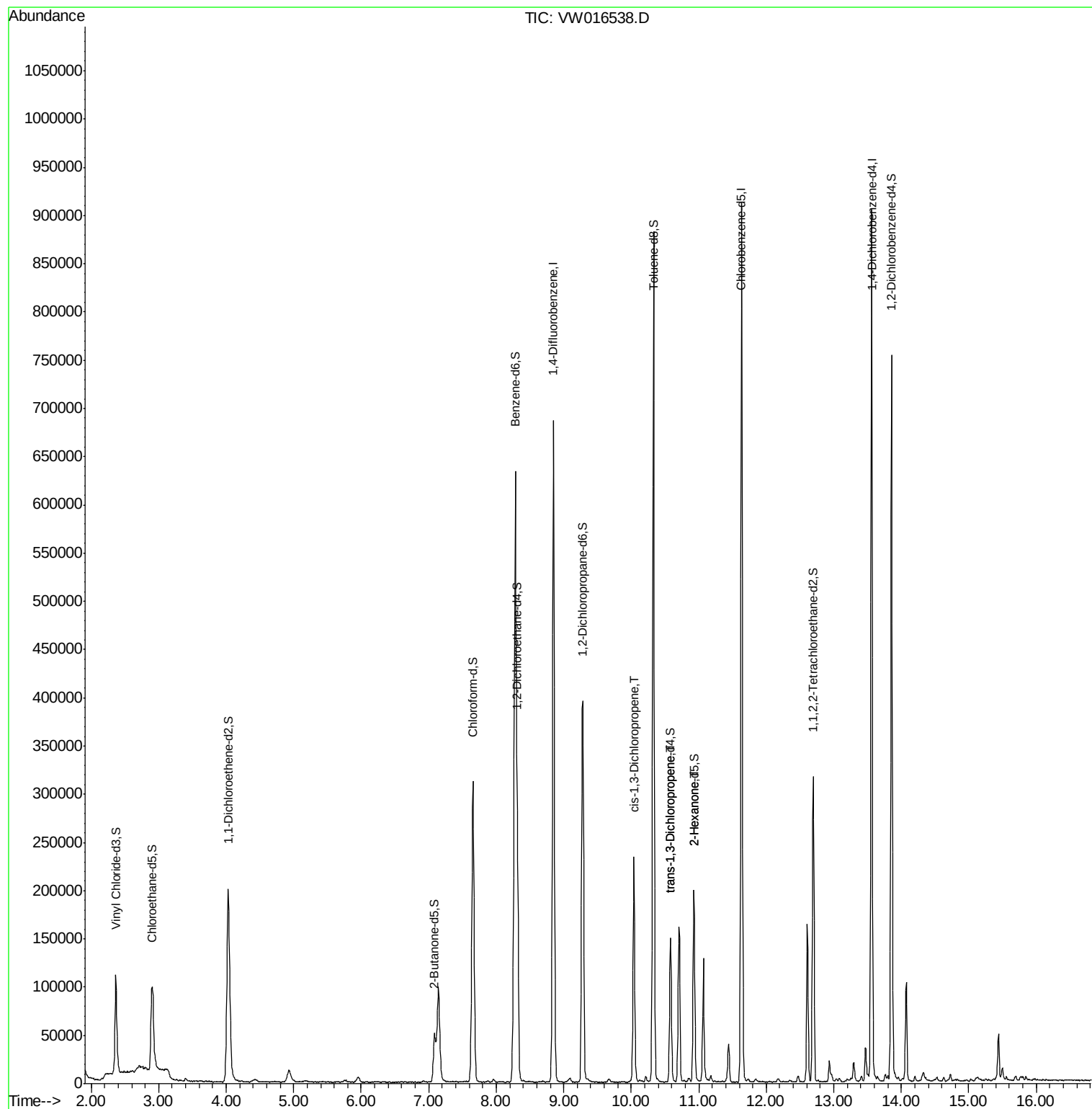
					Ovalue
42) cis-1,3-Dichloropropene	10.04	75	7265	0.634 ug/L #	53
45) trans-1,3-Dichloropropene	10.58	75	5091	0.497 ug/L	97
49) 2-Hexanone	10.93	43	8600	2.584 ug/L #	64

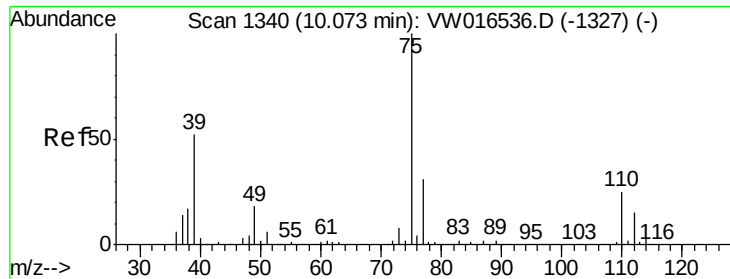
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

cis-1,3-Dichloropropene

Concen: 0.634 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016538.D

Acq: 11 Sep 2020 10:19

Instrument :

MSVOA_W

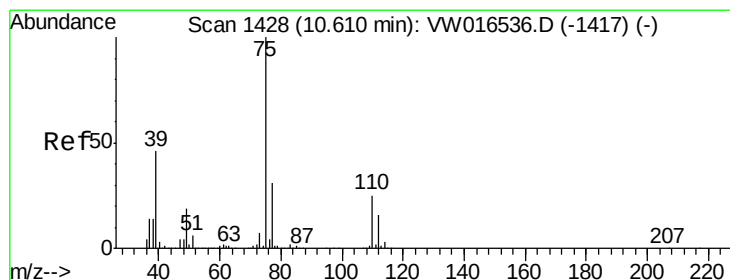
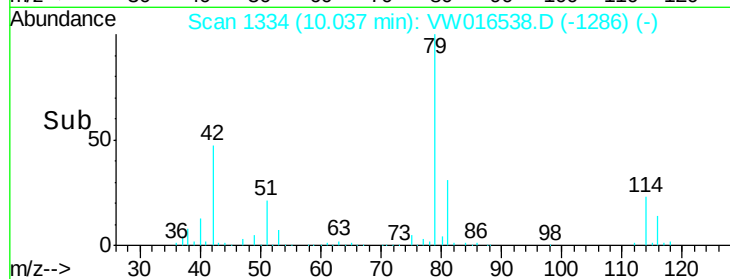
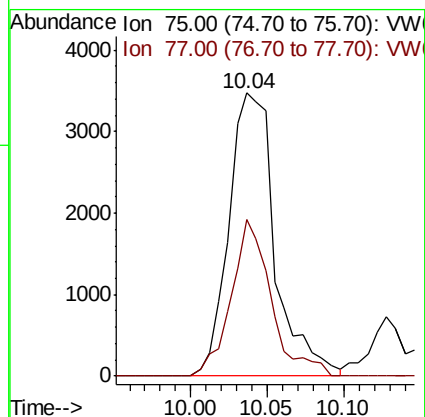
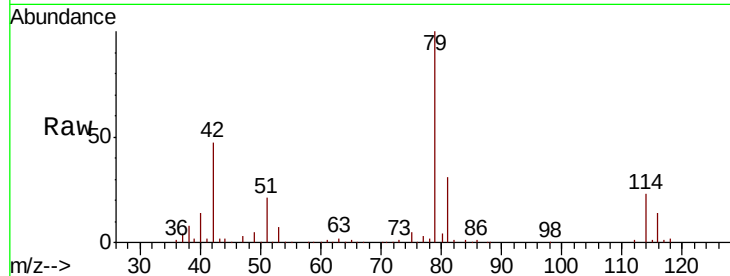
ClientSampled :

Tot Ion: 75 Resp: 7265

Ion Ratio Lower Upper

75 100

77 55.3 20.9 38.7#



#45

trans-1,3-Dichloropropene

Concen: 0.497 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016538.D

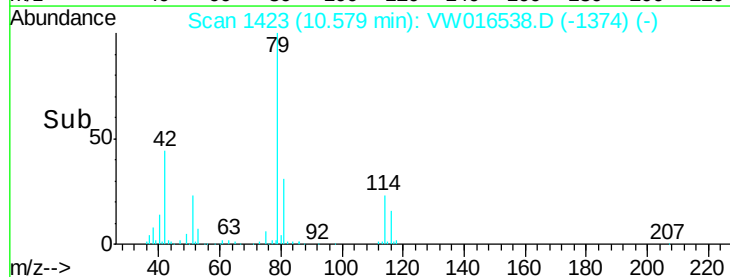
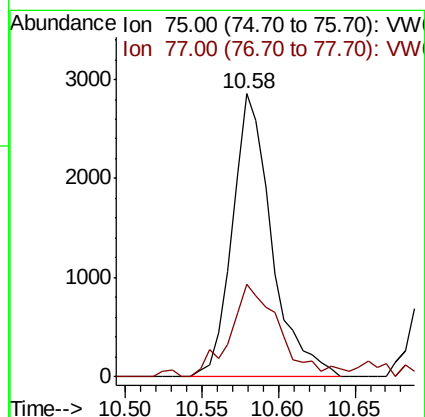
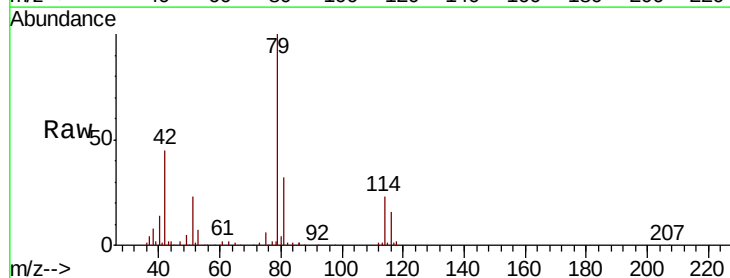
Acq: 11 Sep 2020 10:19

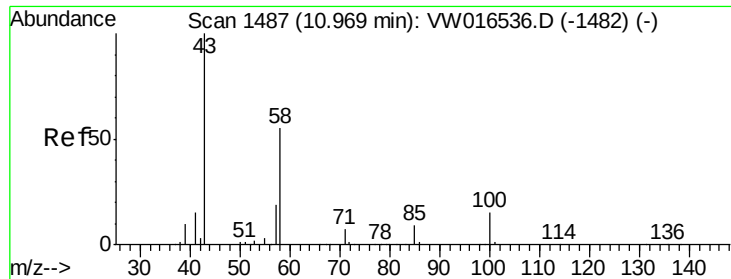
Tgt Ion: 75 Resp: 5091

Ion Ratio Lower Upper

75 100

77 32.7 21.9 40.7





#49

2-Hexanone

Concen: 2.584 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

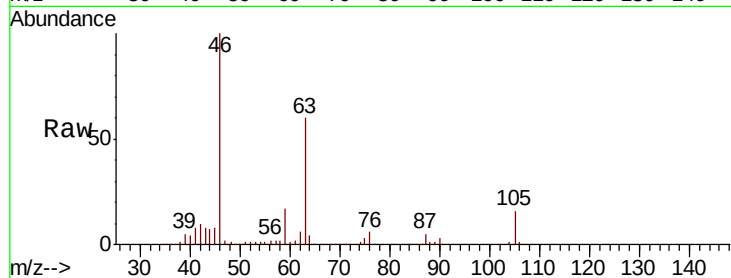
Lab File: VW016538.D

Acq: 11 Sep 2020 10:19

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 8600

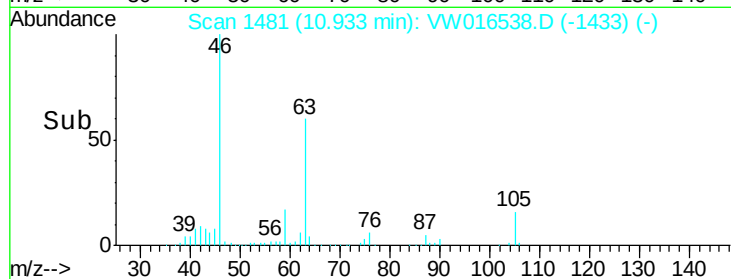
Ion Ratio Lower Upper

43 100

58 21.7 42.1 63.1#

57 26.5 14.9 22.3#

100 0.0 10.3 15.5#



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

