

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
 Data File : VW016450.D
 Acq On : 03 Sep 2020 16:55
 Operator : SY/VA
 Sample : L3905-06
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 04 05:36:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 04 04:59:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	894347	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	785315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	354851	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	277500	29.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.00%
7) Chloroethane-d5	2.90	69	223266	26.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.80%
10) 1,1-Dichloroethene-d2	4.03	63	399958	18.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.32%
20) 2-Butanone-d5	7.08	46	112028	33.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.12%
24) Chloroform-d	7.65	84	492594	23.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.04%
26) 1,2-Dichloroethane-d4	8.31	65	255605	22.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.24%
29) Benzene-d6	8.28	84	1011479	25.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.36%
33) 1,2-Dichloropropane-d6	9.28	67	283954	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.84%
37) Toluene-d8	10.33	98	970375	25.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.28%
38) trans-1,3-Dichloropropene-	10.58	79	136968	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.60%
39) 2-Hexanone-d5	10.93	63	96101	40.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	211599	21.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	308005	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

Target Compounds

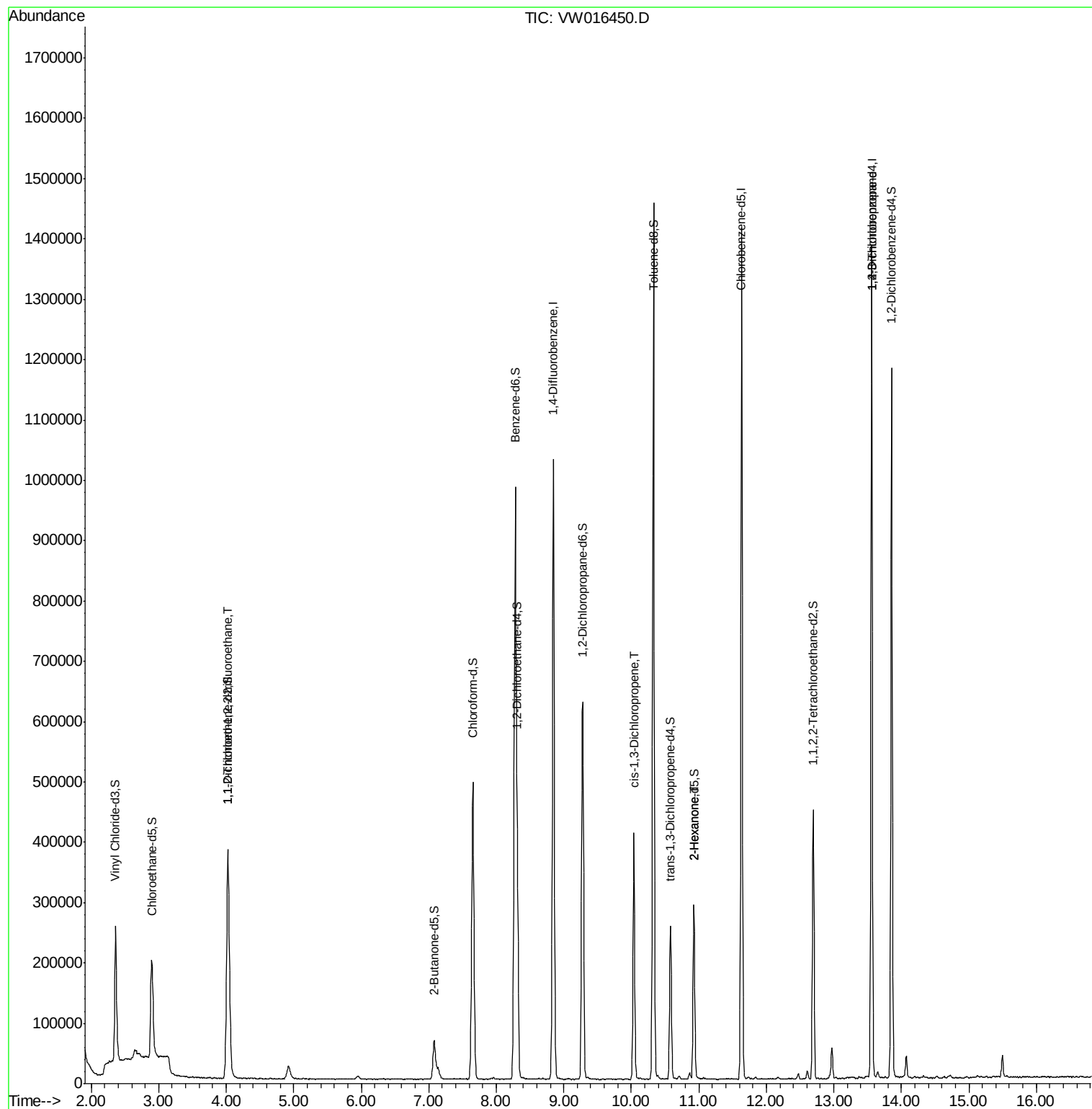
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	4359	0.402 ug/L #	23
42) cis-1,3-Dichloropropene	10.04	75	10494	0.582 ug/L #	56
49) 2-Hexanone	10.93	43	13769	2.630 ug/L #	61
59) 1,2,3-Trichloropropane	13.56	75	42878	5.720 ug/L	90

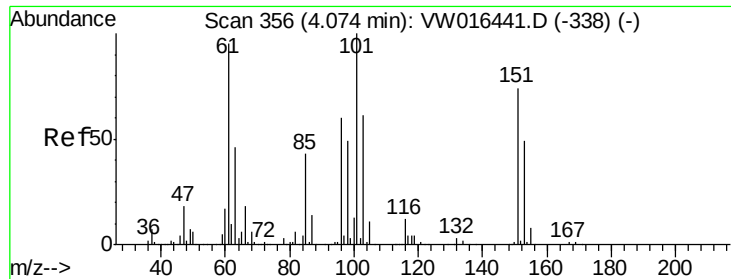
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.402 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW016450.D

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Instrument :

MSVOA_W

ClientSampleId :

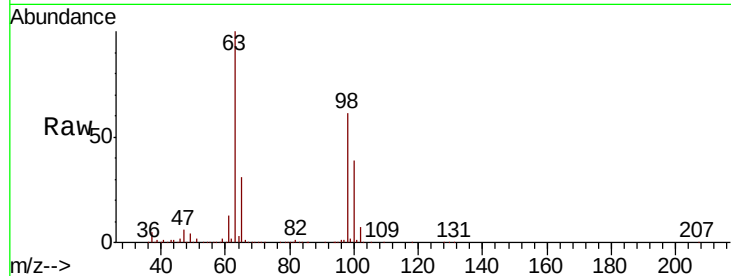
Tot Ion:101 Resp: 4359

Ion Ratio Lower Upper

101 100

85 6.6 33.4 50.0#

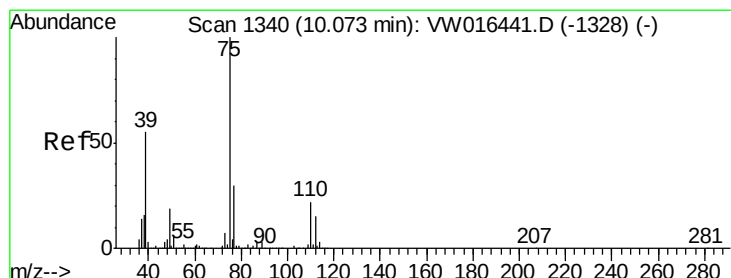
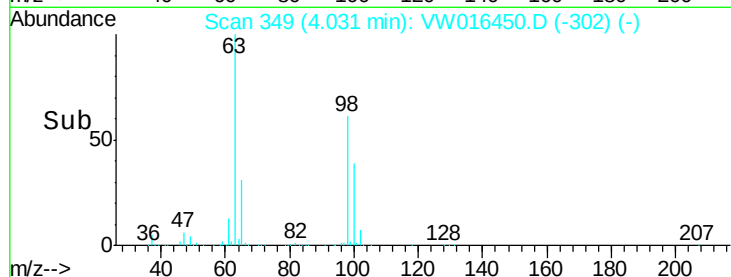
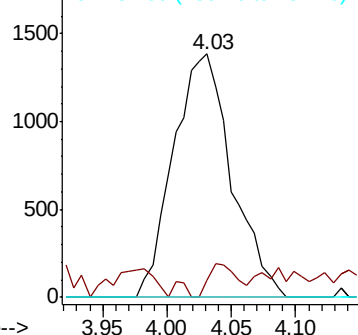
151 0.0 61.6 92.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.582 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016450.D

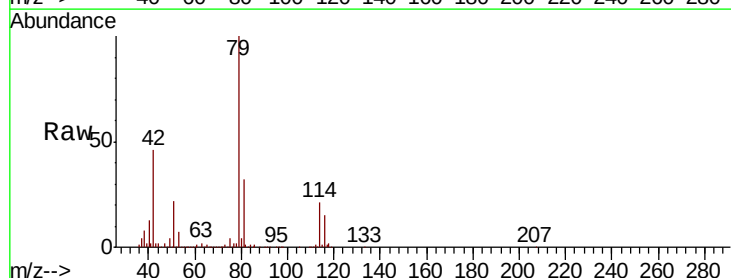
Acq: 03 Sep 2020 16:55

Tgt Ion: 75 Resp: 10494

Ion Ratio Lower Upper

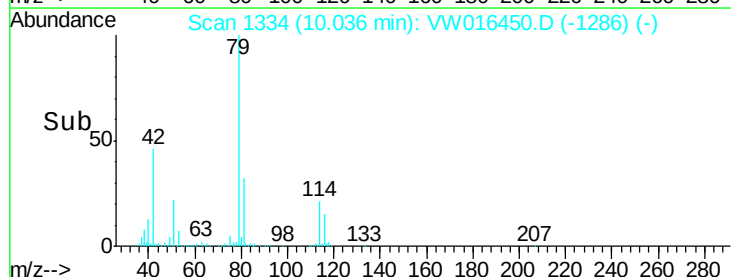
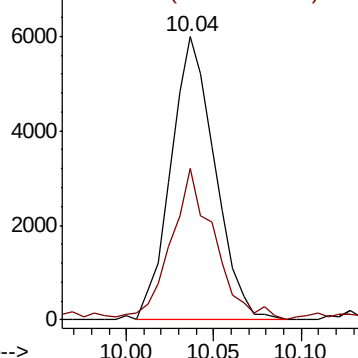
75 100

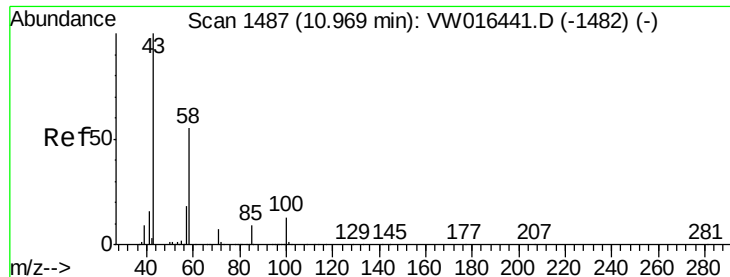
77 53.5 20.9 38.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.630 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Acq: 03 Sep 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 13769

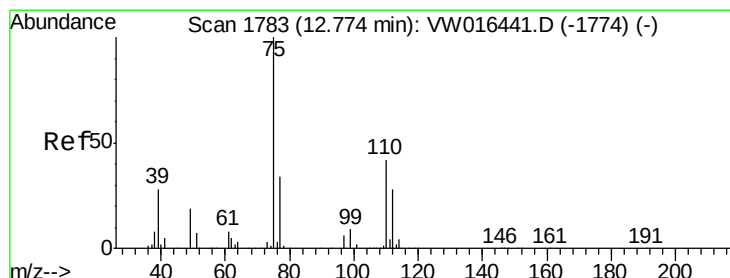
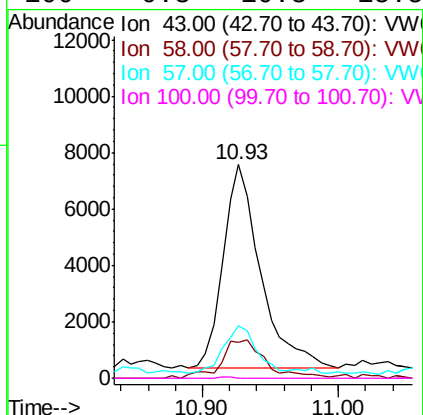
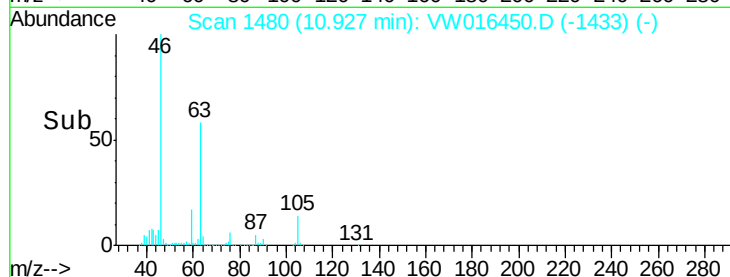
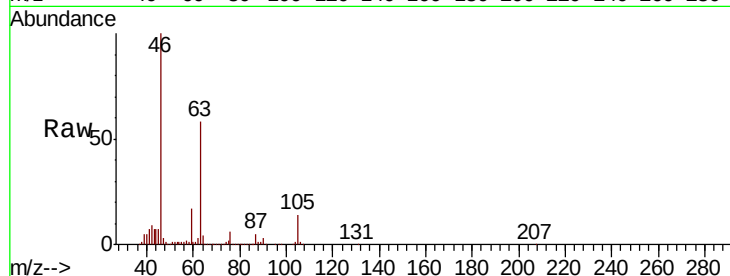
Ion Ratio Lower Upper

43 100

58 15.4 42.1 63.1#

57 20.3 14.9 22.3

100 0.3 10.3 15.5#



#59

1,2,3-Trichloropropane

Concen: 5.720 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016450.D

Acq: 03 Sep 2020 16:55

Tgt Ion: 75 Resp: 42878

Ion Ratio Lower Upper

75 100

77 38.0 26.0 39.0

