

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015371.D
 Acq On : 28 Apr 2020 20:01
 Operator : SY/VA
 Sample : L2435-02
 Misc : 4.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 02:07:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 02:04:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	392841	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	348740	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	175387	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80035	27.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.92%
7) Chloroethane-d5	2.89	69	77554	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.16%
10) 1,1-Dichloroethene-d2	4.01	63	125874	17.41	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.64%
20) 2-Butanone-d5	7.07	46	32553	37.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.06%
24) Chloroform-d	7.65	84	178288	20.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.56%
26) 1,2-Dichloroethane-d4	8.30	65	91195	20.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.04%
29) Benzene-d6	8.27	84	371810	23.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.56%
33) 1,2-Dichloropropane-d6	9.27	67	97549	21.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.80%
37) Toluene-d8	10.32	98	372130	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.80%
38) trans-1,3-Dichloropropene-	10.58	79	45194	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.60%
39) 2-Hexanone-d5	10.92	63	30199	36.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71312	18.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	134490	22.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.28%

Target Compounds

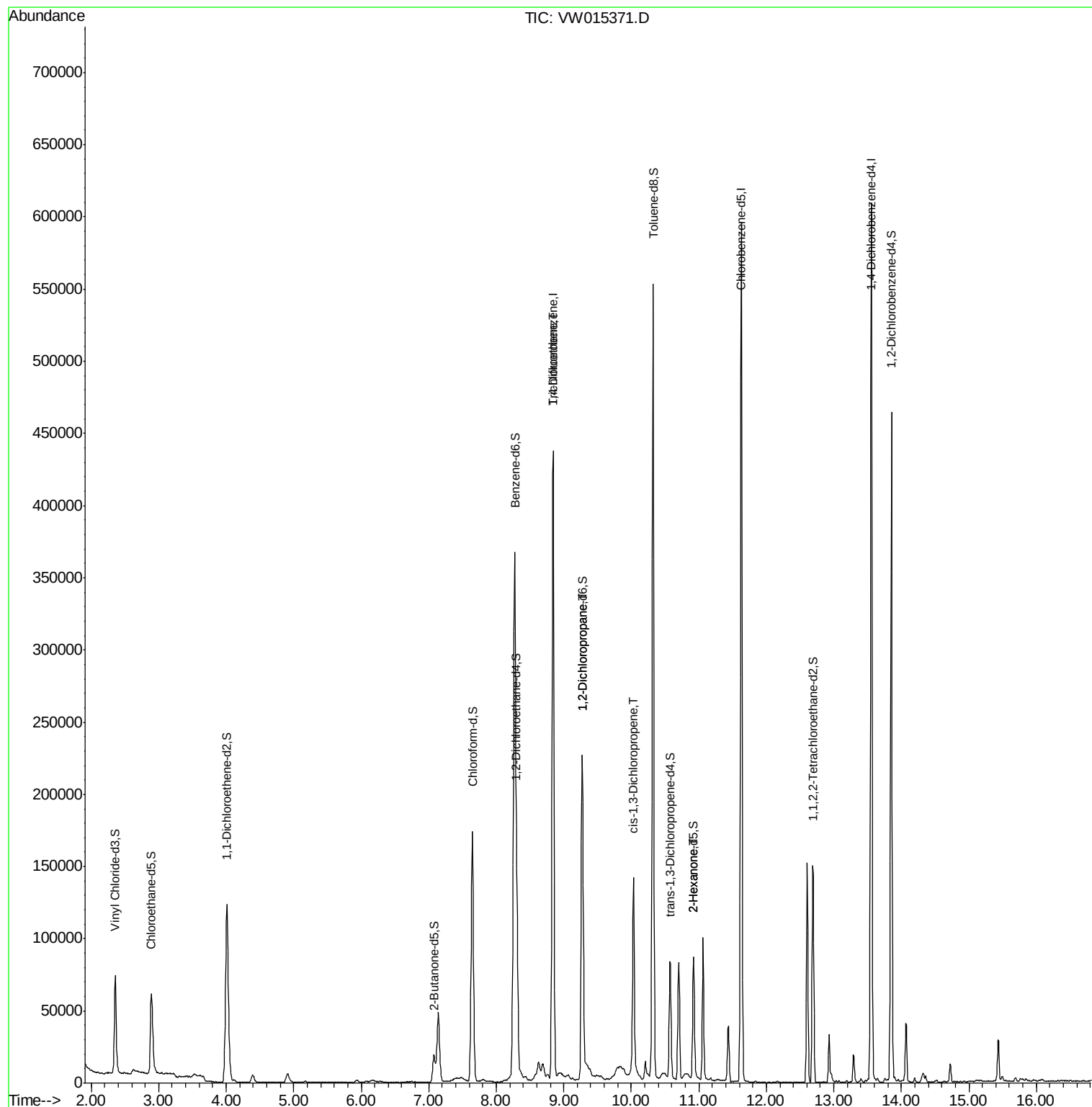
					Ovalue
35) Trichloroethene	8.84	95	11322	2.202 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	11741	2.895 ug/L #	83
42) cis-1,3-Dichloropropene	10.03	75	3625	0.510 ug/L #	81
49) 2-Hexanone	10.93	43	3453	2.306 ug/L #	63

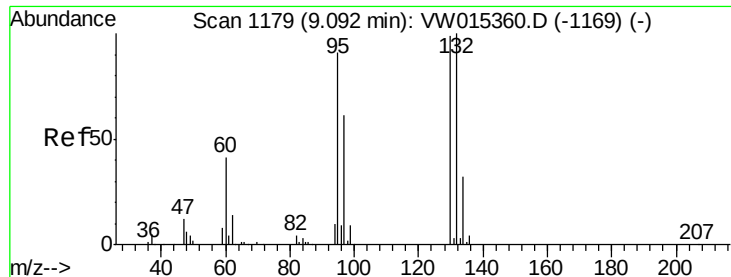
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.202 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015371.D

Acq: 28 Apr 2020 20:01

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 11322

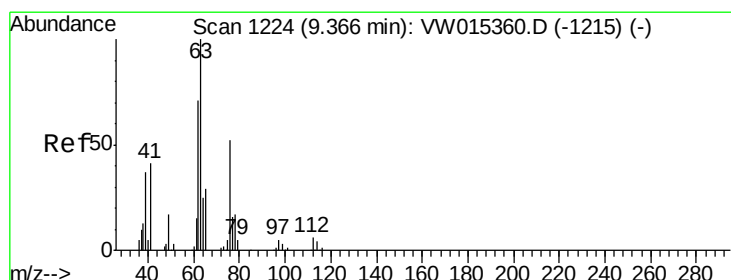
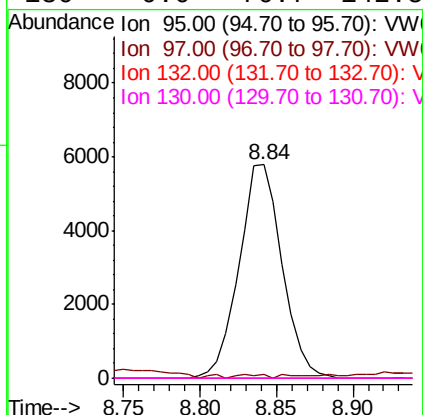
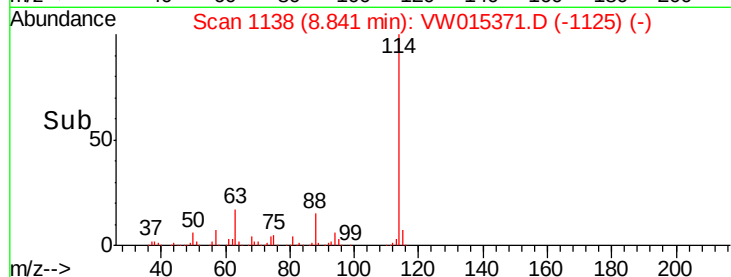
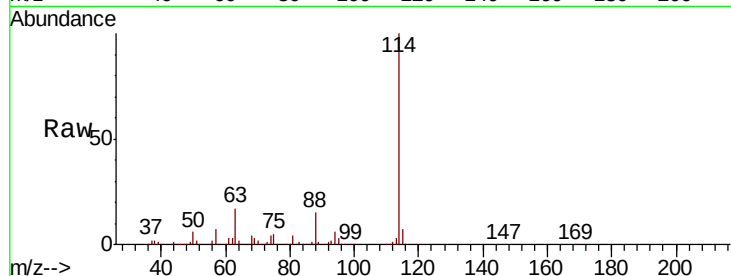
Ion Ratio Lower Upper

95 100

97 1.1 45.9 85.3#

132 0.0 75.2 139.6#

130 0.0 76.7 142.5#



#40

1,2-Dichloropropane

Concen: 2.895 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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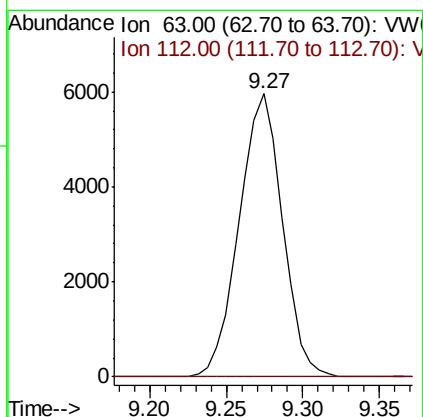
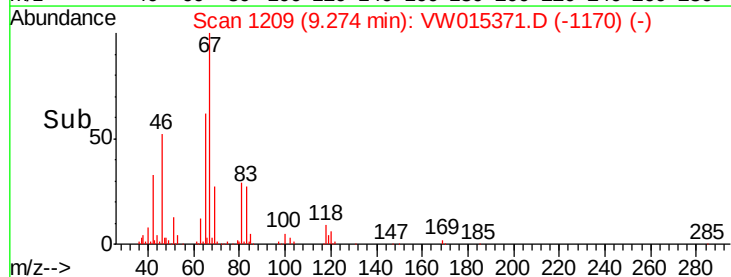
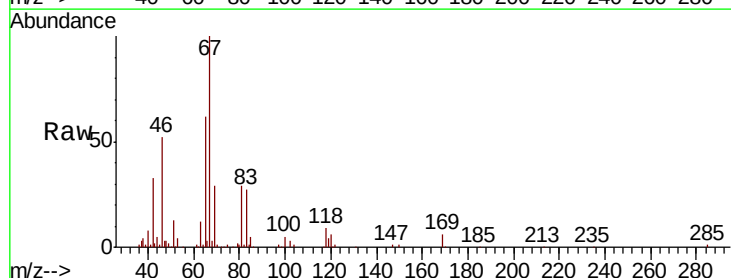
Acq: 28 Apr 2020 20:01

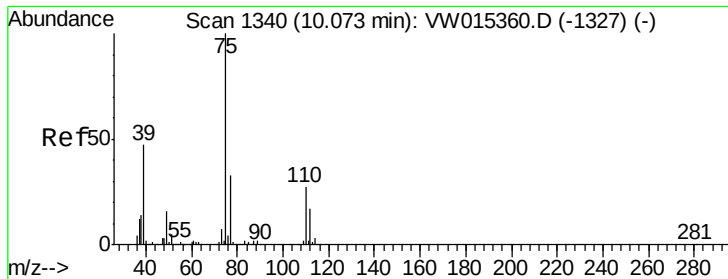
Tgt Ion: 63 Resp: 11741

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#42

cis-1,3-Dichloropropene

Concen: 0.510 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW015371.D

Acq: 28 Apr 2020 20:01

Instrument :

MSVOA_W

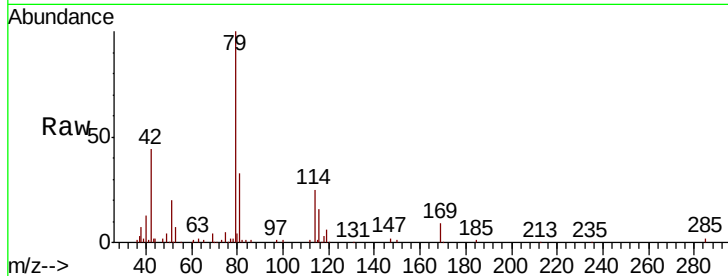
ClientSampled :

Tot Ion: 75 Resp: 3625

Ion Ratio Lower Upper

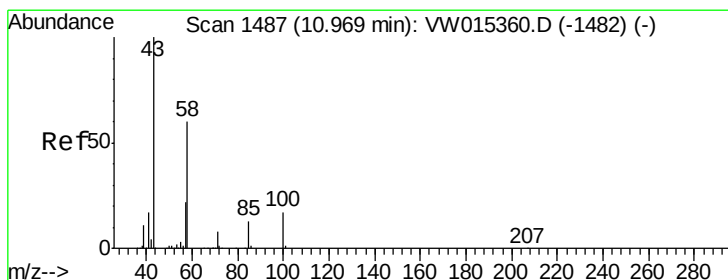
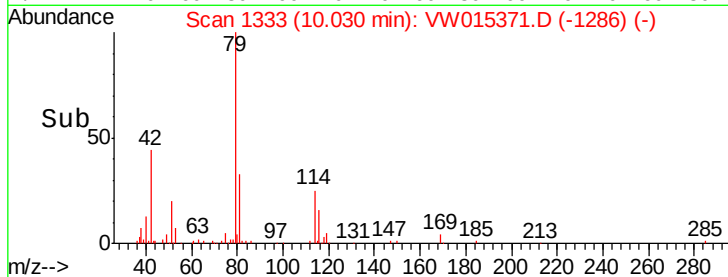
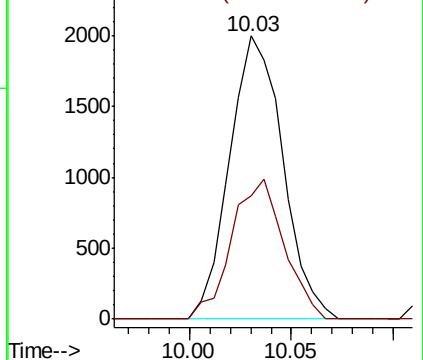
75 100

77 43.4 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

2-Hexanone

Concen: 2.306 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015371.D

Acq: 28 Apr 2020 20:01

Tgt Ion: 43 Resp: 3453

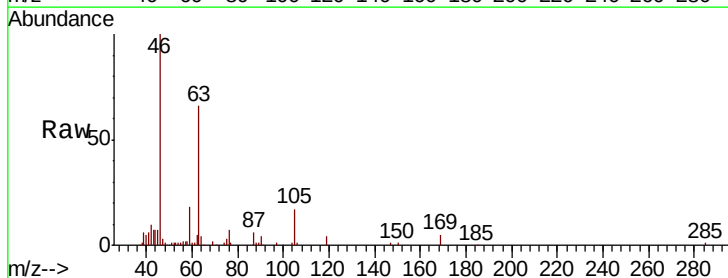
Ion Ratio Lower Upper

43 100

58 21.3 47.1 70.7#

57 21.0 16.9 25.3

100 1.5 13.2 19.8#



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

