

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060520\
 Data File : VW015546.D
 Acq On : 05 Jun 2020 17:09
 Operator : SY/VA
 Sample : L2933-05
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AH4

Quant Time: Jun 06 04:11:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 04:08:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	368429	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329983	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147943	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121485	35.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	143.92%
7) Chloroethane-d5	2.90	69	94670	28.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.76%
10) 1,1-Dichloroethene-d2	4.01	63	176147	21.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.64%
20) 2-Butanone-d5	7.08	46	45413	41.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.40%
24) Chloroform-d	7.65	84	214174	25.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	8.31	65	117355	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.04%
29) Benzene-d6	8.28	84	437498	27.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.12%
33) 1,2-Dichloropropane-d6	9.27	67	124483	25.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.24%
37) Toluene-d8	10.32	98	406903	25.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.44%
38) trans-1,3-Dichloropropene-	10.58	79	52821	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.88%
39) 2-Hexanone-d5	10.93	63	35087	41.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79977	21.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	125782	25.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.48%

Target Compounds

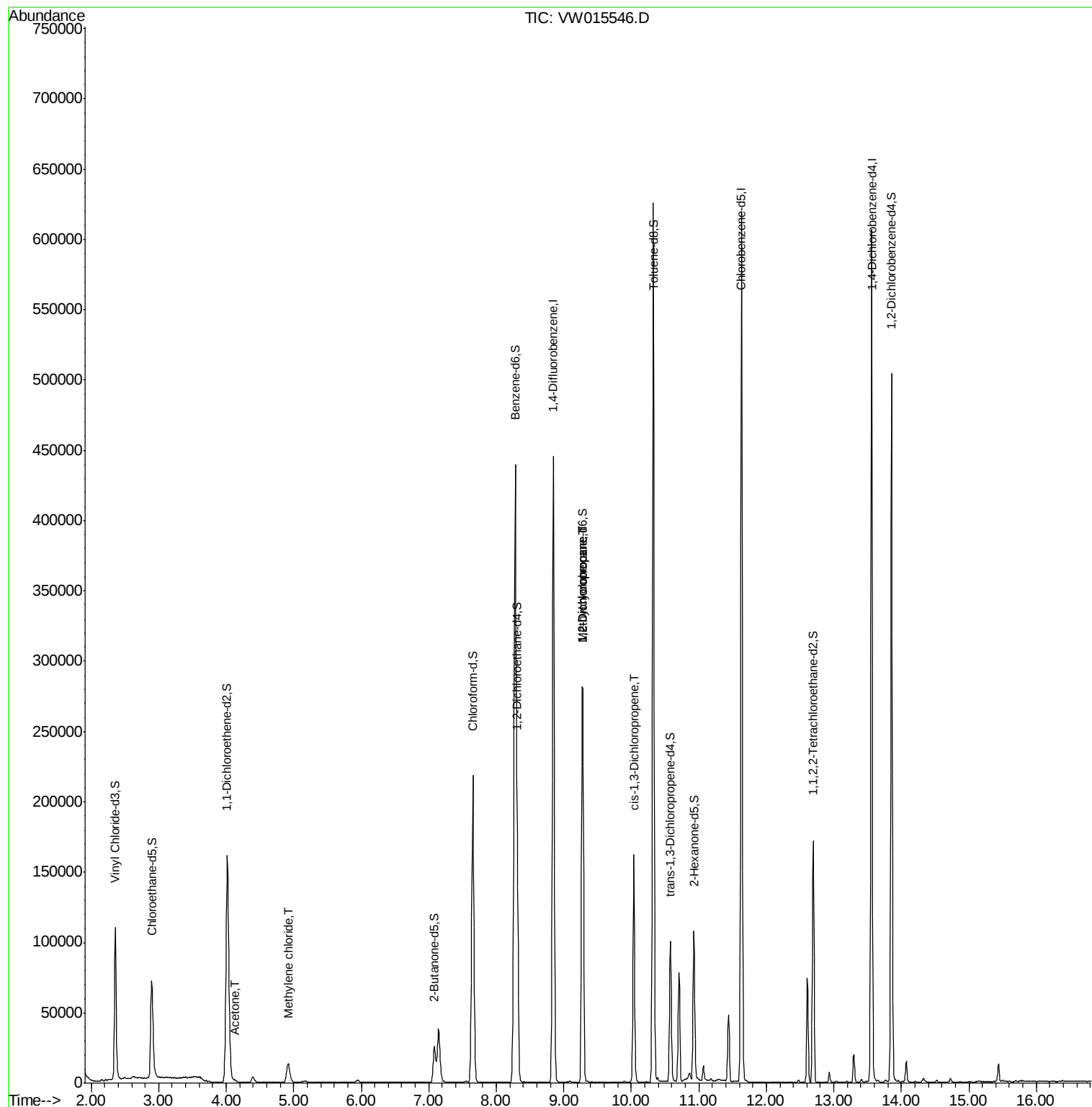
					Ovalue
13) Acetone	4.12	43	2241	2.630 ug/L	66
16) Methylene chloride	4.92	84	10795	2.387 ug/L	98
36) Methylcyclohexane	9.27	83	31510	3.564 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	15472	3.405 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4248	0.584 ug/L #	74

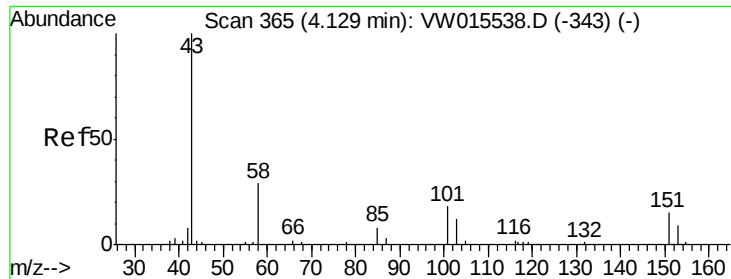
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.630 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 05 Jun 2020 17:09

Instrument :

MSVOA_W

ClientSampled :

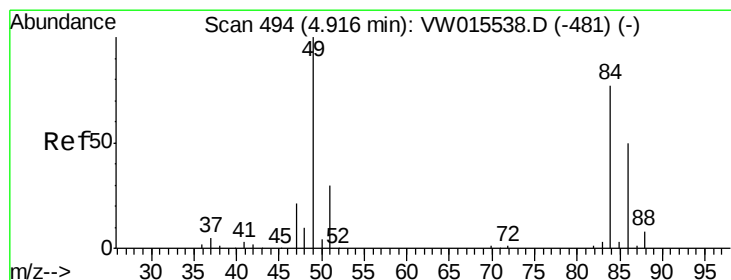
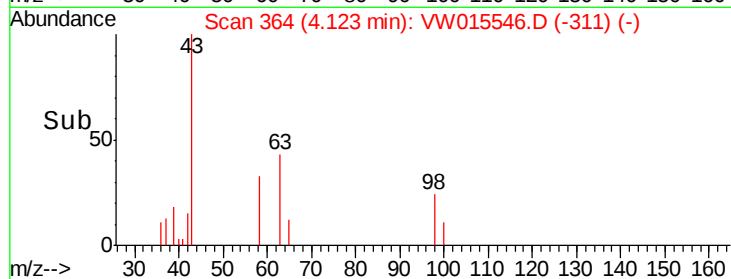
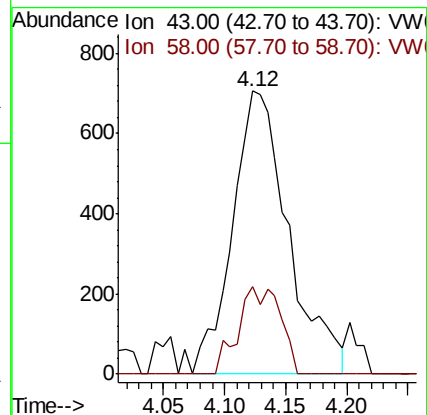
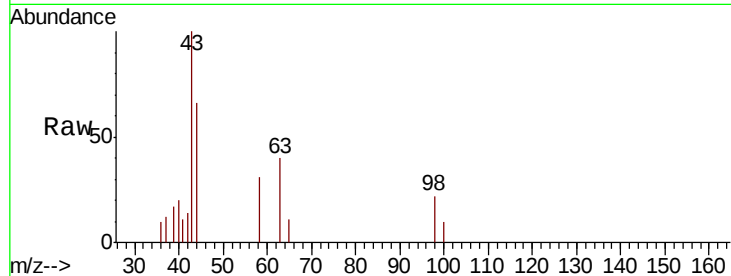
C0AH4

Tot Ion: 43 Resp: 2241

Ion Ratio Lower Upper

43 100

58 10.7 0.0 56.8



#16

Methylene chloride

Concen: 2.387 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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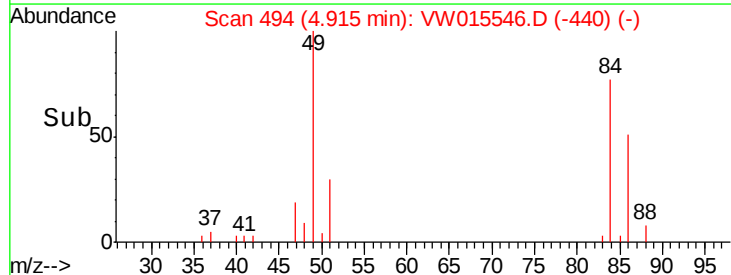
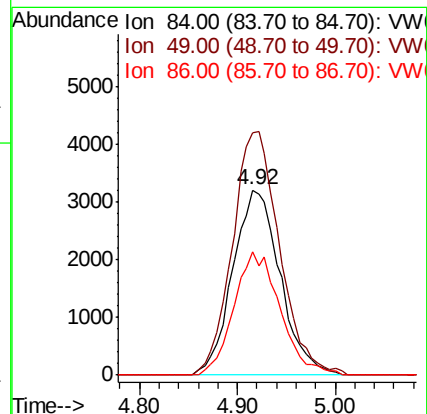
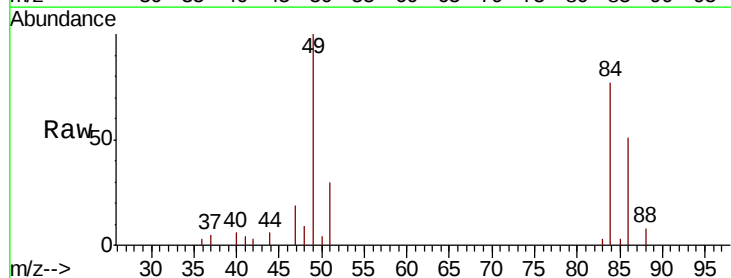
Tgt Ion: 84 Resp: 10795

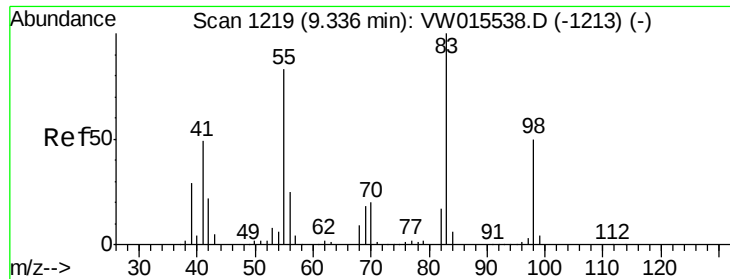
Ion Ratio Lower Upper

84 100

49 130.5 93.0 172.8

86 66.4 44.7 83.1





#36

Methylcyclohexane

Concen: 3.564 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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Instrument :

MSVOA_W

ClientSampleId :

C0AH4

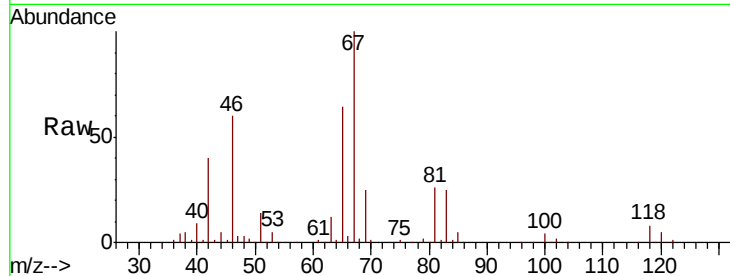
Tot Ion: 83 Resp: 31510

Ion Ratio Lower Upper

83 100

55 0.6 62.8 94.2#

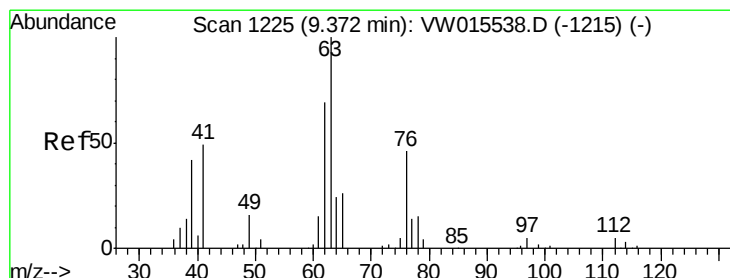
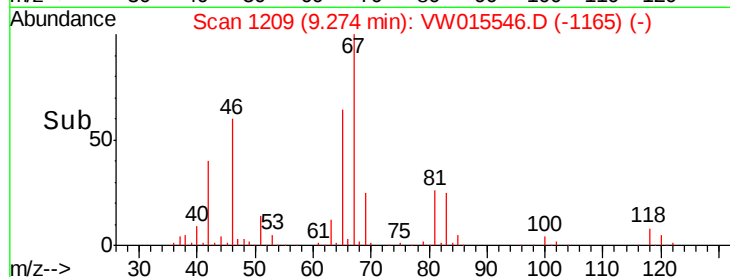
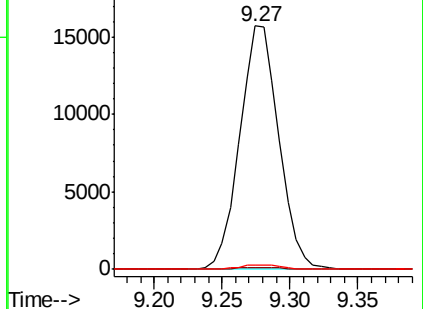
98 1.9 39.2 58.8#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

1,2-Dichloropropane

Concen: 3.405 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015546.D

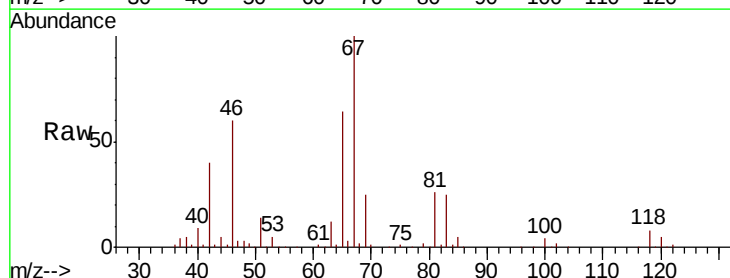
Acq: 05 Jun 2020 17:09

Tgt Ion: 63 Resp: 15472

Ion Ratio Lower Upper

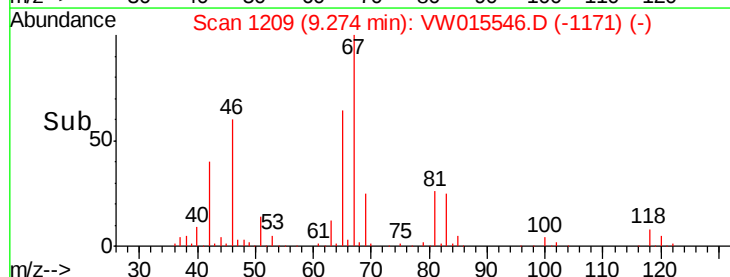
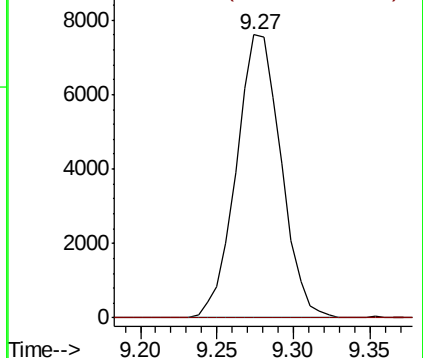
63 100

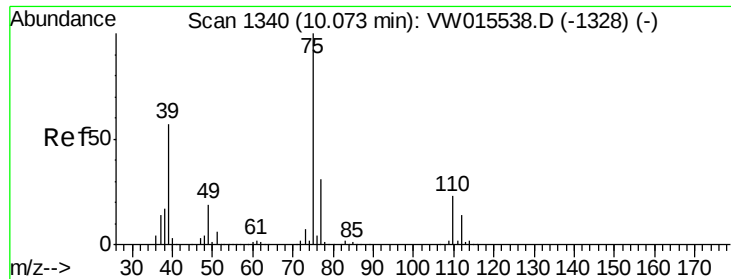
112 0.0 3.8 5.8#



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: 0.584 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015546.D

Acq: 05 Jun 2020 17:09

Instrument :

MSVOA_W

ClientSampleId :

C0AH4

Tot Ion: 75 Resp: 4248

Ion Ratio Lower Upper

75 100

77 46.2 22.3 41.5#

