

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\
 Data File : VW015634.D
 Acq On : 18 Jun 2020 14:36
 Operator : SY/VA
 Sample : L3027-12
 Misc : 5.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L5

Quant Time: Jun 19 07:32:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 07:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	316090	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286020	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	134260	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	96287	33.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.96%
7) Chloroethane-d5	2.90	69	80635	27.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.96%
10) 1,1-Dichloroethene-d2	4.01	63	142784	20.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.92%
20) 2-Butanone-d5	7.08	46	47538	50.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.54%
24) Chloroform-d	7.65	84	187526	25.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	8.31	65	109436	26.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.64%
29) Benzene-d6	8.27	84	374535	26.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.80%
33) 1,2-Dichloropropane-d6	9.27	67	110181	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.40%
37) Toluene-d8	10.32	98	342051	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.32%
38) trans-1,3-Dichloropropene-	10.58	79	43997	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.24%
39) 2-Hexanone-d5	10.93	63	37119	50.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80607	25.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	115966	25.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.08%

Target Compounds

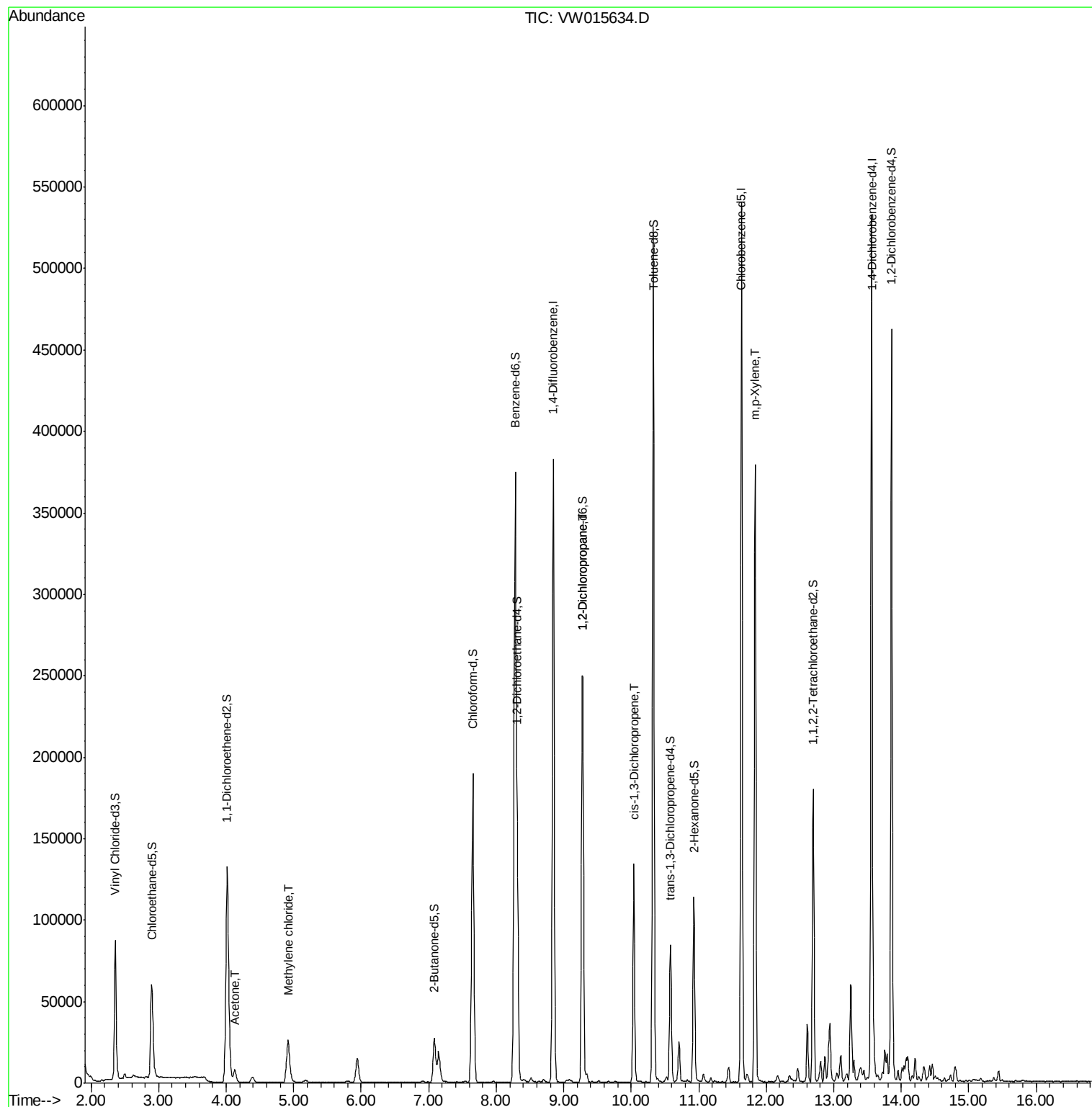
					Ovalue
13) Acetone	4.12	43	8818	12.061 ug/L	98
16) Methylene chloride	4.92	84	20577	5.304 ug/L	97
40) 1,2-Dichloropropane	9.28	63	13420	3.407 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3535	0.561 ug/L #	69
54) m,p-Xylene	11.84	106	98683	13.143 ug/L	98

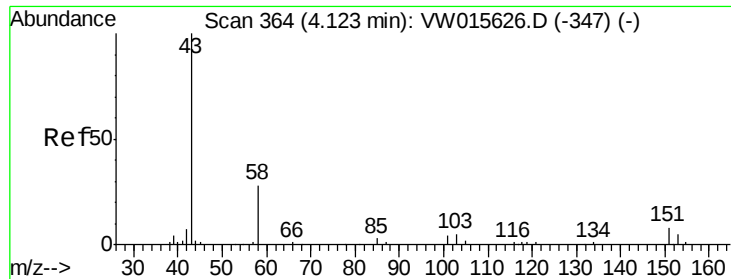
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 12.061 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015634.D

Acq: 18 Jun 2020 14:36

Instrument :

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ClientSampleId :

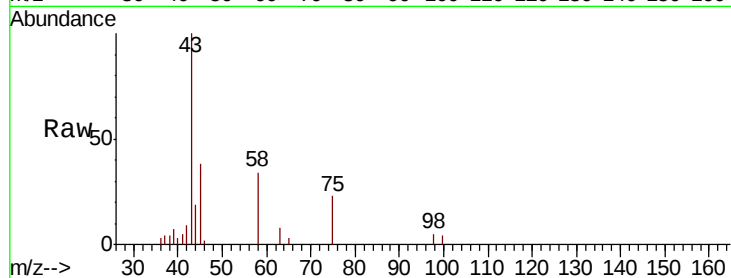
BG2L5

Tot Ion: 43 Resp: 8818

Ion Ratio Lower Upper

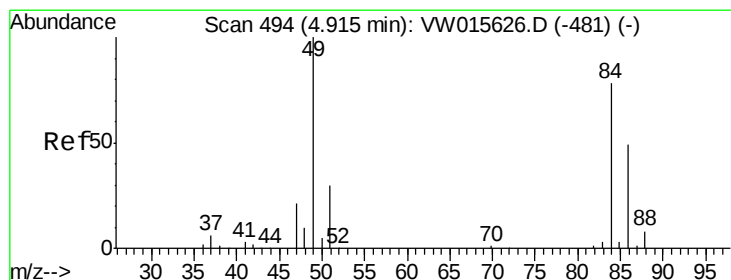
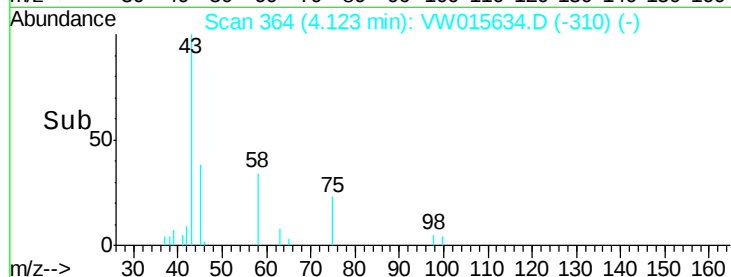
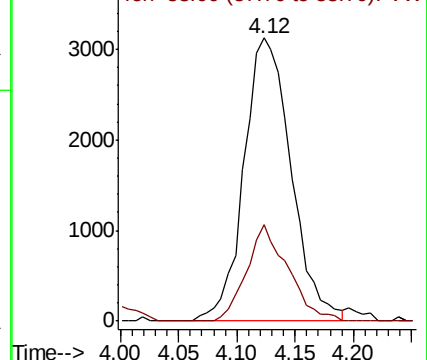
43 100

58 29.2 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.304 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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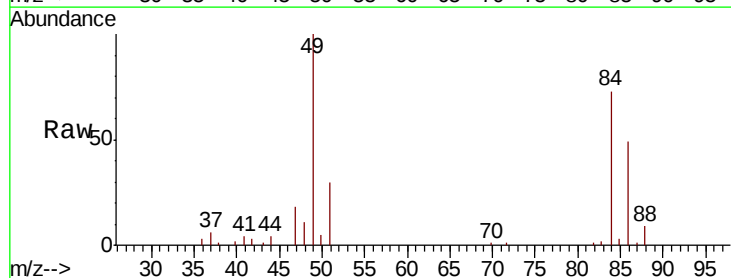
Tgt Ion: 84 Resp: 20577

Ion Ratio Lower Upper

84 100

49 136.4 93.0 172.8

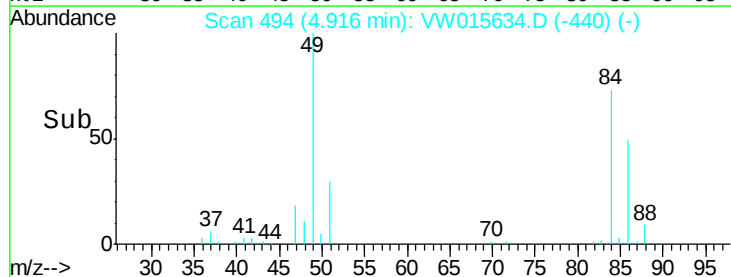
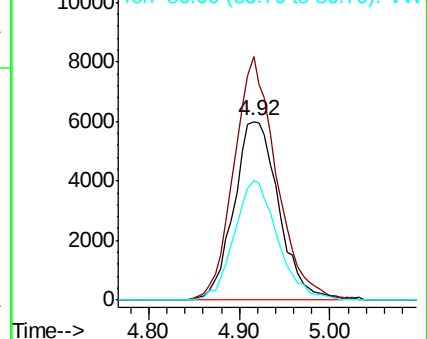
86 66.9 44.7 83.1

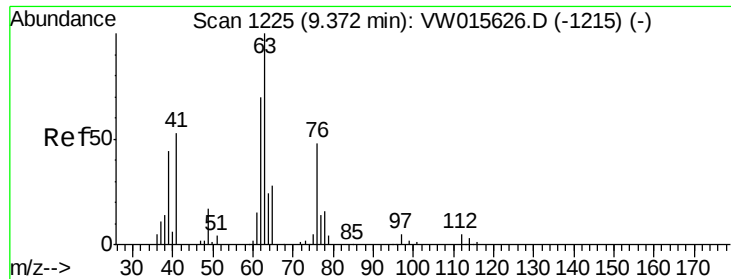


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#40

1,2-Dichloropropane

Concen: 3.407 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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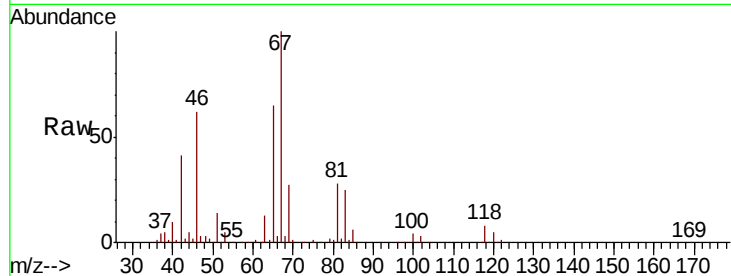
BG2L5

Tot Ion: 63 Resp: 13420

Ion Ratio Lower Upper

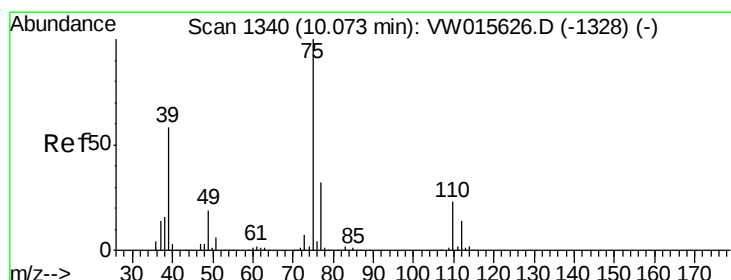
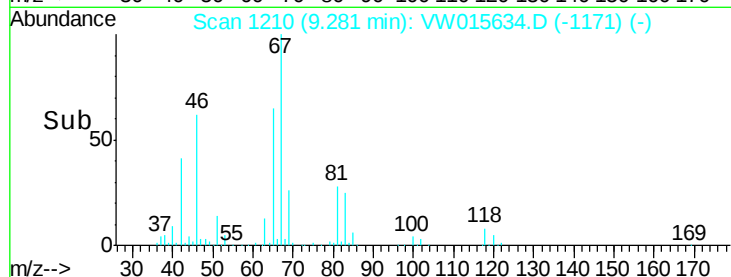
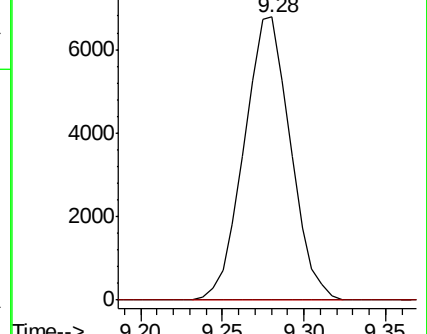
63 100

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: 0.561 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015634.D

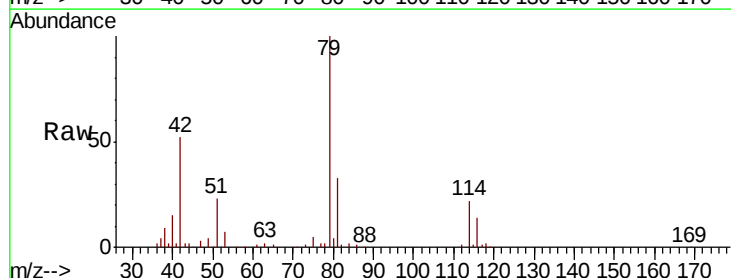
Acq: 18 Jun 2020 14:36

Tgt Ion: 75 Resp: 3535

Ion Ratio Lower Upper

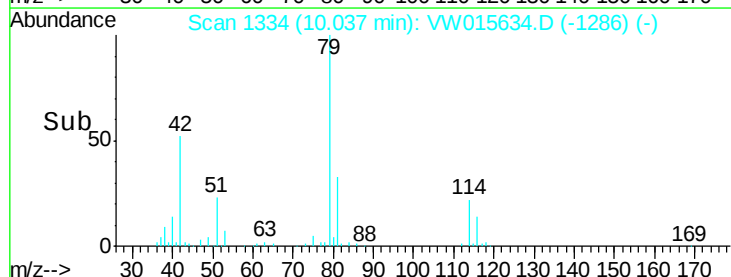
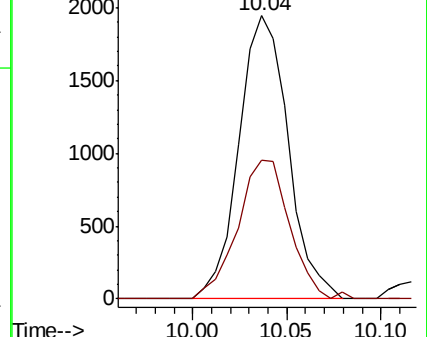
75 100

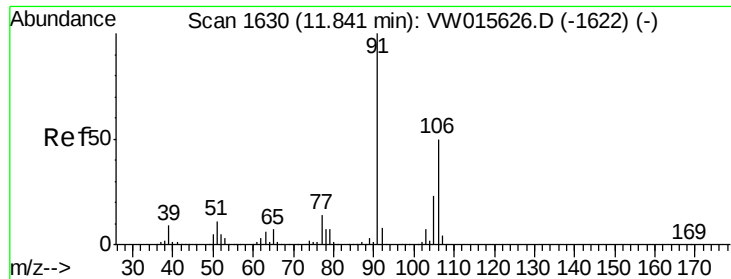
77 49.1 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#54

m,p-Xylene

Concen: 13.143 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015634.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_W

ClientSampleId :

BG2L5

Tot Ion:106 Resp: 98683

Ion Ratio Lower Upper

106 100

91 206.5 142.6 264.8

