

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061620\
 Data File : VW015609.D
 Acq On : 16 Jun 2020 15:54
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK13

Quant Time: Jun 17 06:29:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 17 06:26:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	297161	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270717	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120084	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55795	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.96%
7) Chloroethane-d5	2.90	69	64829	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.76%
10) 1,1-Dichloroethene-d2	4.02	63	101519	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	7.08	46	53133	59.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.52%
24) Chloroform-d	7.65	84	161286	23.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	8.31	65	95536	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.96%
29) Benzene-d6	8.27	84	312220	23.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.08%
33) 1,2-Dichloropropane-d6	9.27	67	97476	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.64%
37) Toluene-d8	10.33	98	290760	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.12%
38) trans-1,3-Dichloropropene-	10.58	79	37675	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.76%
39) 2-Hexanone-d5	10.93	63	41161	58.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80406	26.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	100173	24.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.56%

Target Compounds

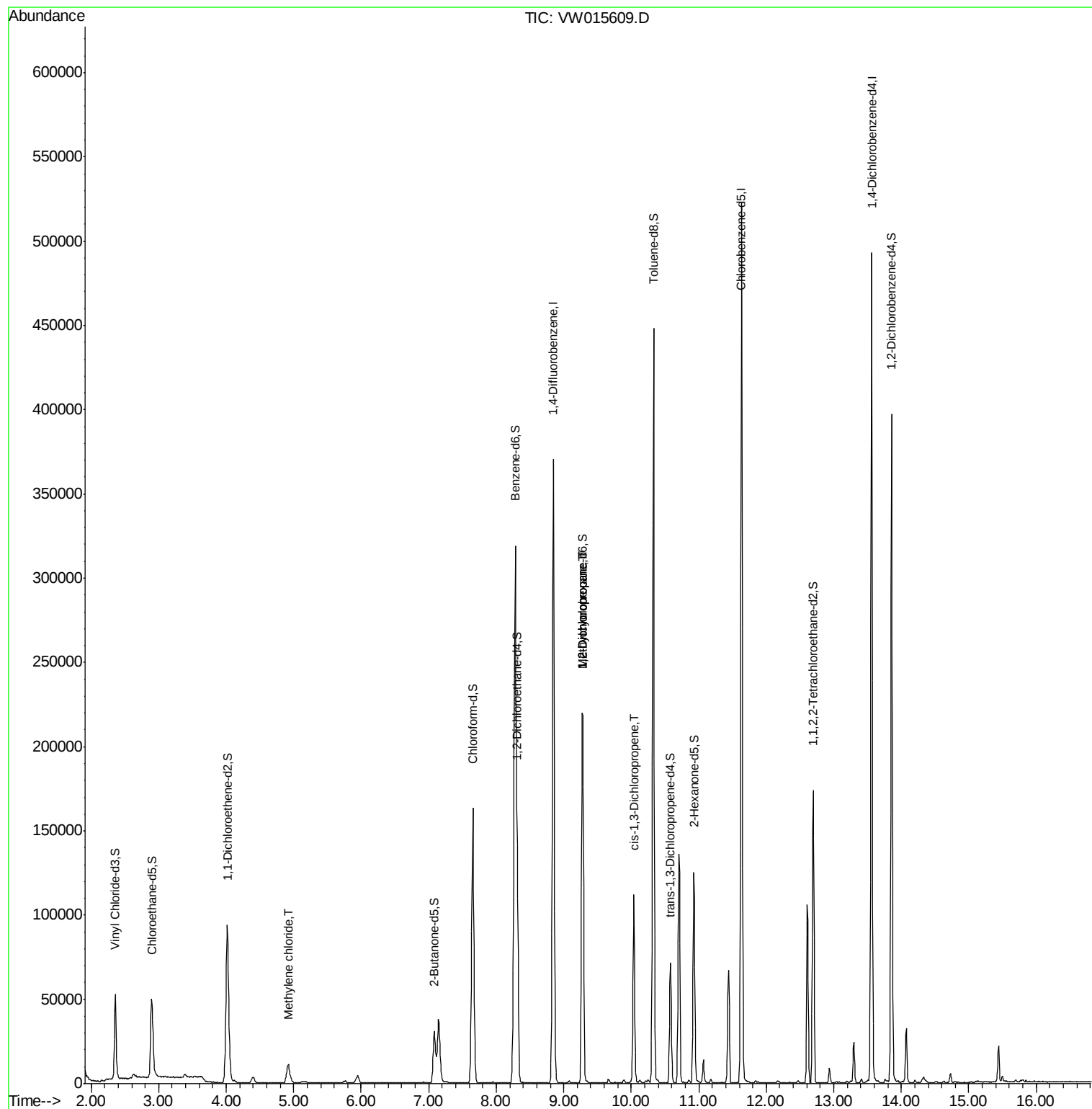
					Ovalue
16) Methylene chloride	4.92	84	8387	2.300 ug/L	88
36) Methylcyclohexane	9.27	83	24002	3.309 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	12166	3.263 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2950	0.494 ug/L #	73

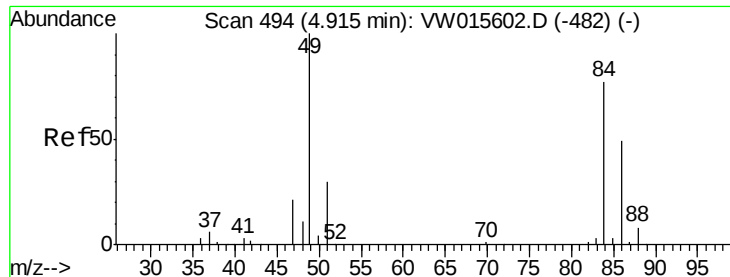
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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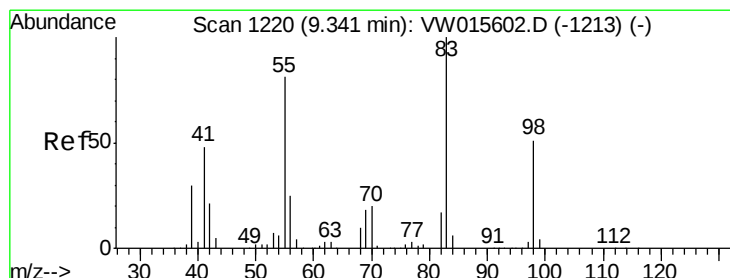
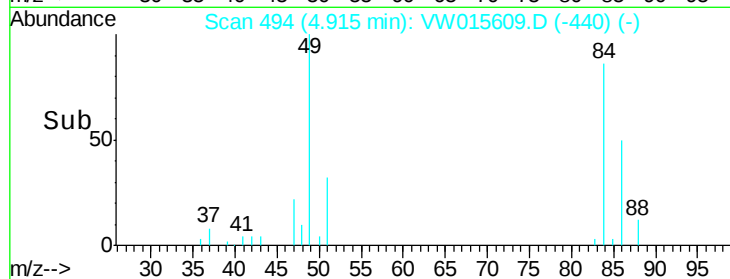
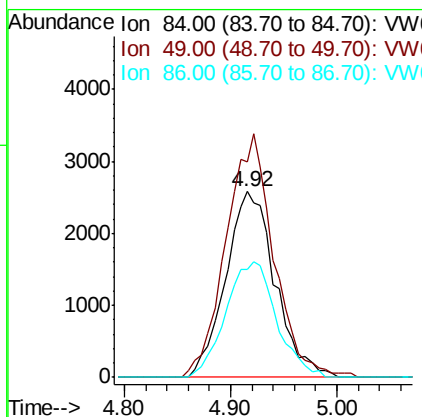
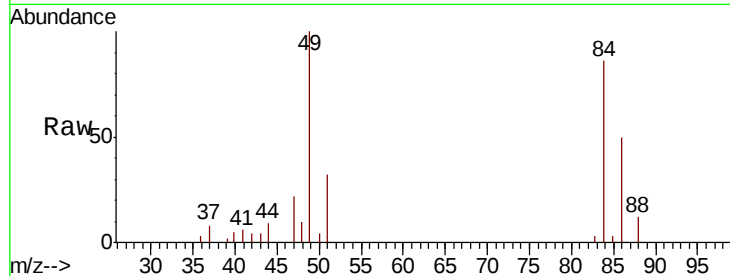




#16
Methvlene chloride
Concen: 2.300 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015609.D
Acq: 16 Jun 2020 15:54

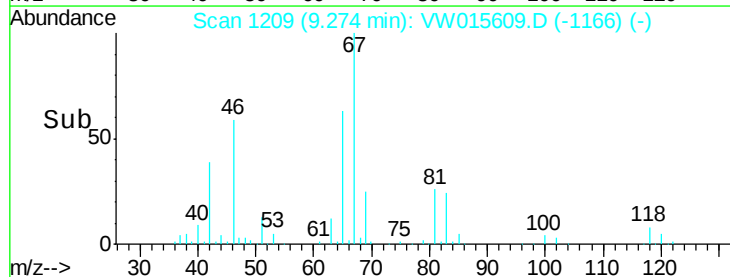
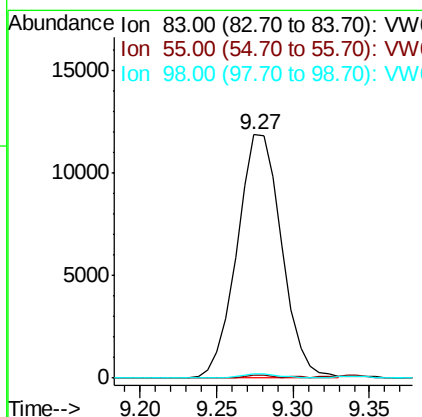
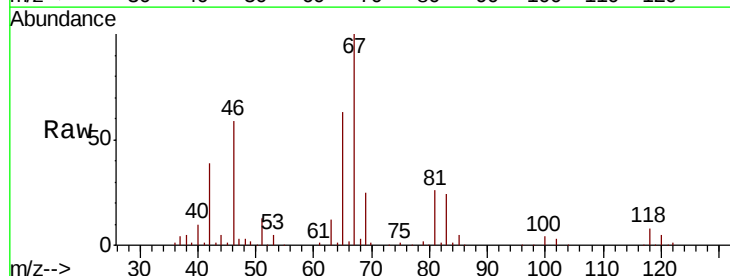
Instrument :
MSVOA_W
ClientSampleId :
VIBLK13

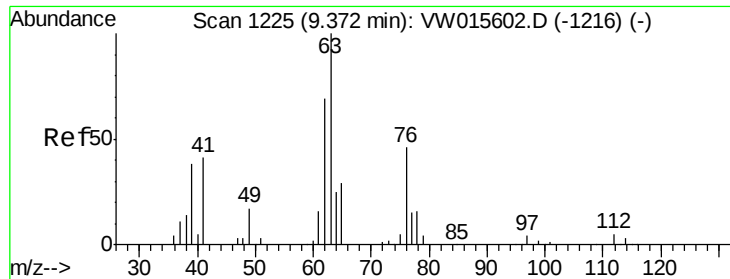
Tot Ion: 84 Resp: 8387
Ion Ratio Lower Upper
84 100
49 116.1 93.0 172.8
86 58.0 44.7 83.1



#36
Methylcyclohexane
Concen: 3.309 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.07 min
Lab File: VW015609.D
Acq: 16 Jun 2020 15:54

Tgt Ion: 83 Resp: 24002
Ion Ratio Lower Upper
83 100
55 0.6 62.8 94.2#
98 1.6 39.2 58.8#





#40

1,2-Dichloropropane

Concen: 3.263 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015609.D

Acq: 16 Jun 2020 15:54

Instrument :

MSVOA_W

ClientSampleId :

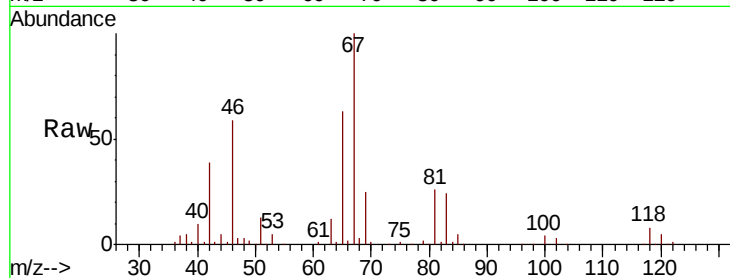
VIBLK13

Tot Ion: 63 Resp: 12166

Ion Ratio Lower Upper

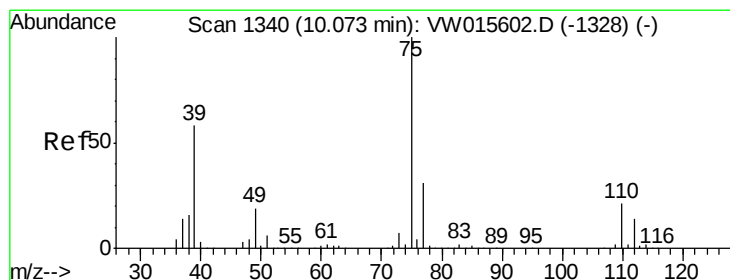
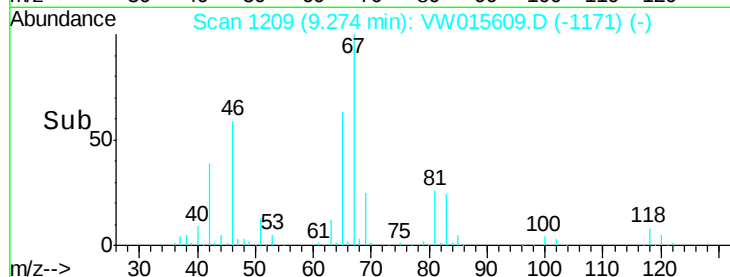
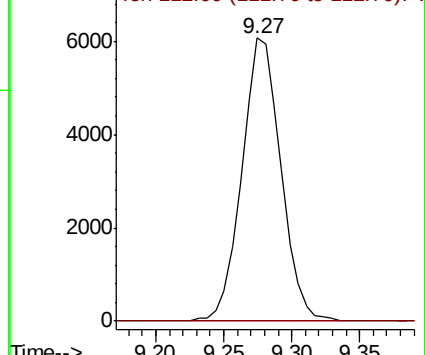
63 100

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): VW



#42

cis-1,3-Dichloropropene

Concen: 0.494 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015609.D

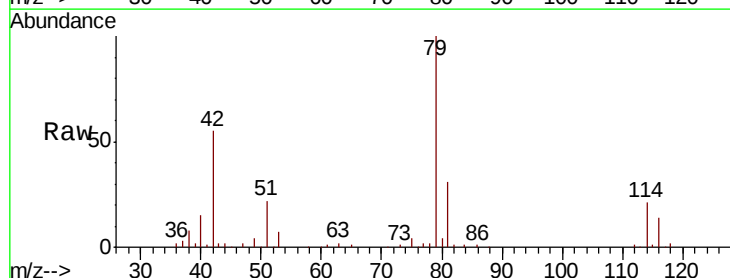
Acq: 16 Jun 2020 15:54

Tgt Ion: 75 Resp: 2950

Ion Ratio Lower Upper

75 100

77 47.2 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

