

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016609.D
 Acq On : 22 Sep 2020 14:42
 Operator : SY/VA
 Sample : L4108-04
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3M8

Quant Time: Sep 23 07:29:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	675025	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	601447	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	294429	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	171527	26.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.00%
7) Chloroethane-d5	2.90	69	146626	27.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.92%
10) 1,1-Dichloroethene-d2	4.03	63	271306	18.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.28%
20) 2-Butanone-d5	7.08	46	72201	40.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.06%
24) Chloroform-d	7.65	84	378002	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	8.45	65	96	0.01	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.28	84	741314	27.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.92%
33) 1,2-Dichloropropane-d6	9.28	67	202713	27.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.92%
37) Toluene-d8	10.33	98	710113	26.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.04%
38) trans-1,3-Dichloropropene-	10.58	79	89075	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.68%
39) 2-Hexanone-d5	10.93	63	58444	43.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143791	23.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	254110	27.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.04%

Target Compounds

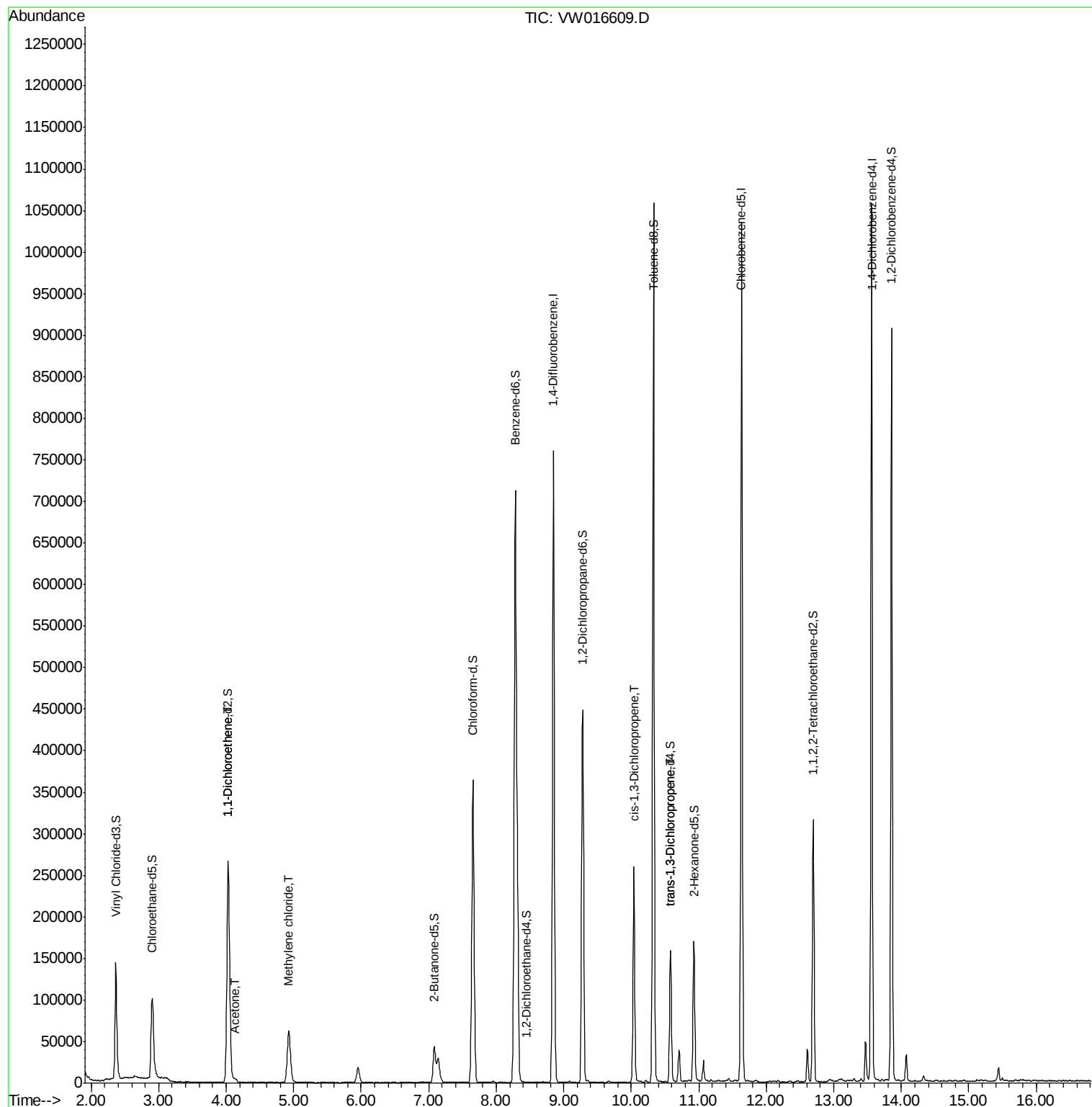
					Ovalue
12) 1,1-Dichloroethene	4.03	96	2353	0.275 ug/L #	1
13) Acetone	4.14	43	7330	5.253 ug/L	80
16) Methylene chloride	4.92	84	54927	5.276 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	7492	0.585 ug/L #	75
45) trans-1,3-Dichloropropene	10.59	75	4430	0.398 ug/L	89

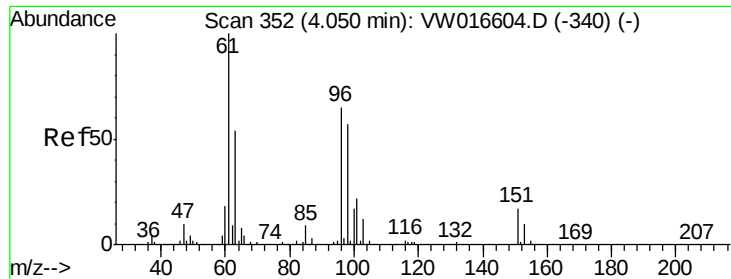
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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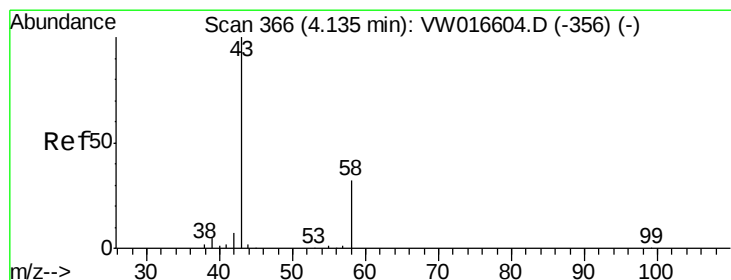
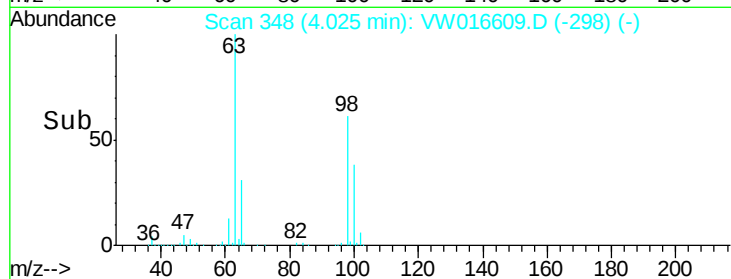
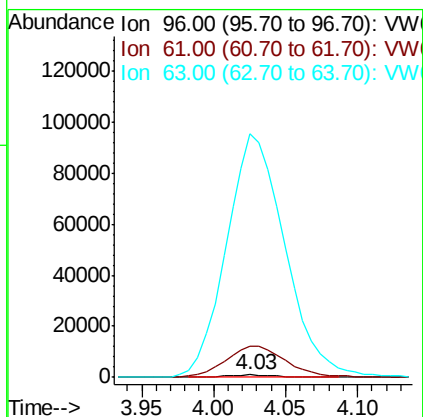
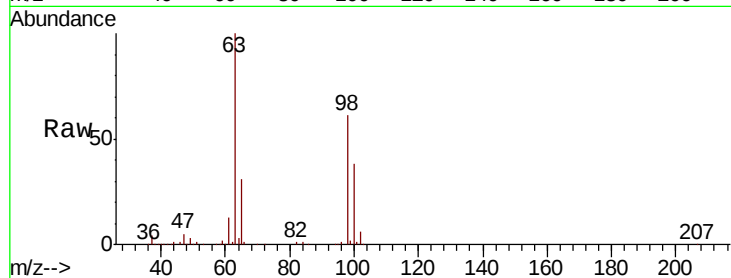




#12
 1,1-Dichloroethene
 Concen: 0.275 ug/L
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW016609.D
 Acq: 22 Sep 2020 14:42

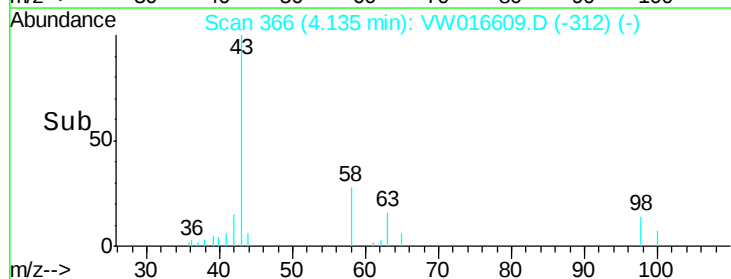
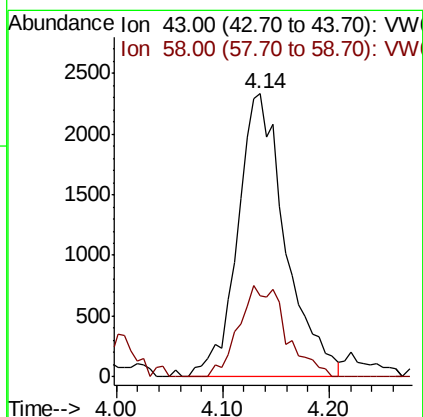
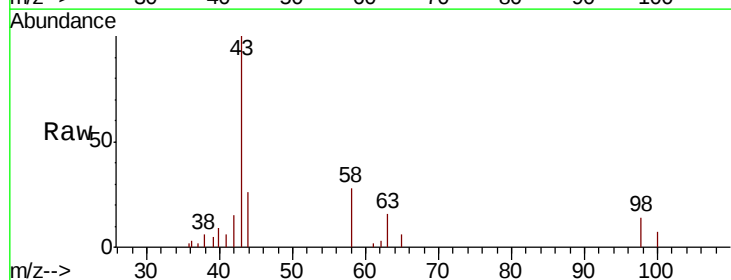
Instrument :
 MSVOA_W
 ClientSampleId :
 BG3M8

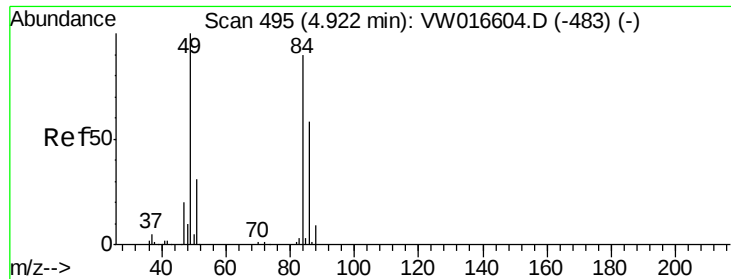
Tot Ion: 96 Resp: 2353
 Ion Ratio Lower Upper
 96 100
 61 1264.9 111.4 206.8#
 63 10010.9 73.0 135.6#



#13
 Acetone
 Concen: 5.253 ug/L
 RT: 4.14 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VW016609.D
 Acq: 22 Sep 2020 14:42

Tgt Ion: 43 Resp: 7330
 Ion Ratio Lower Upper
 43 100
 58 19.1 0.0 60.2

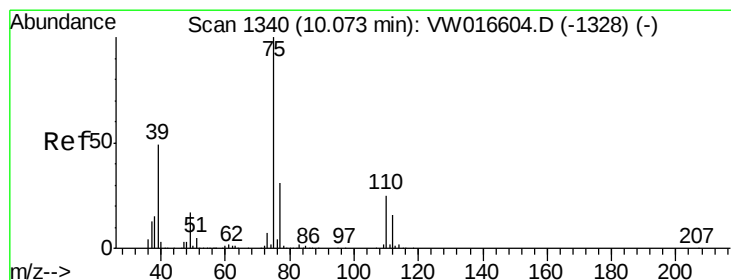
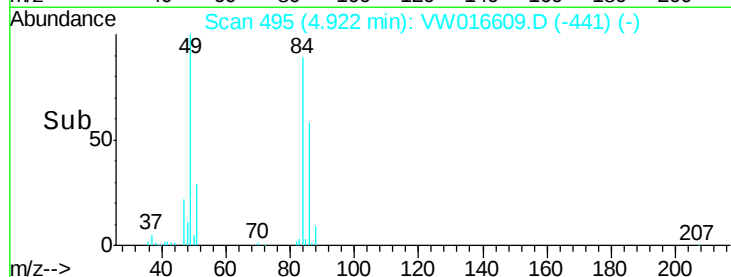
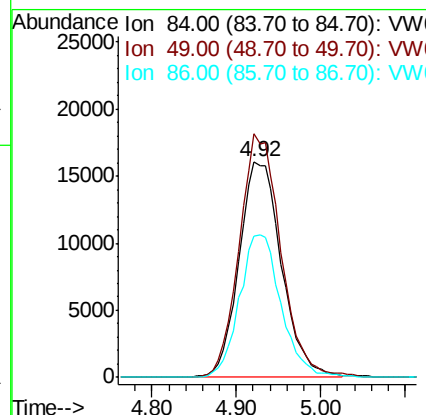
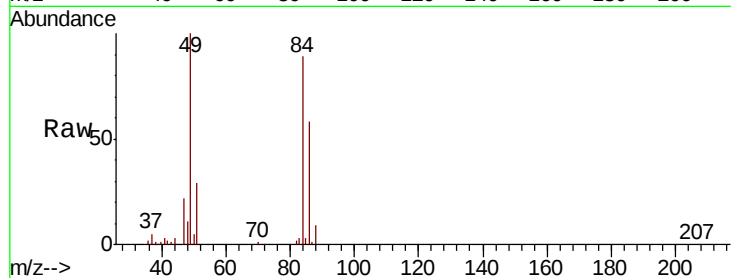




#16
Methylene chloride
Concen: 5.276 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016609.D
Acq: 22 Sep 2020 14:42

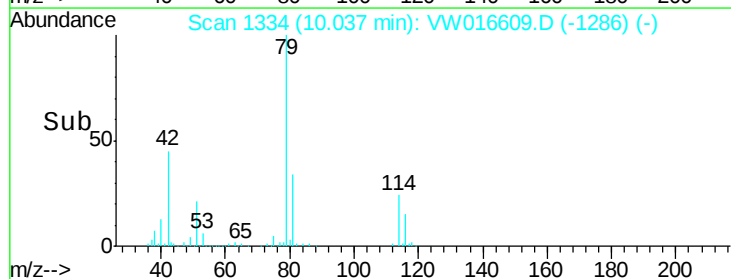
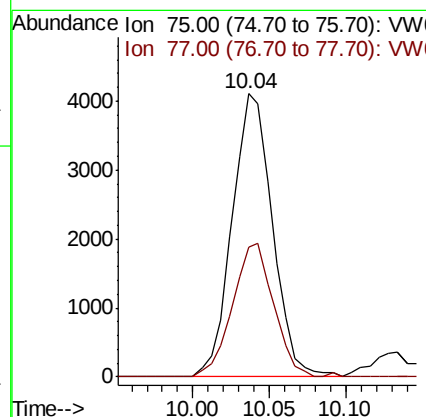
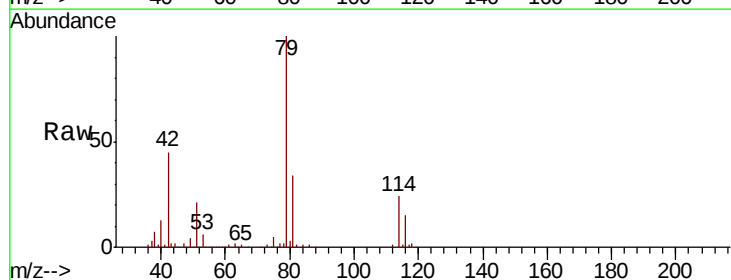
Instrument :
MSVOA_W
ClientSampled :
BG3M8

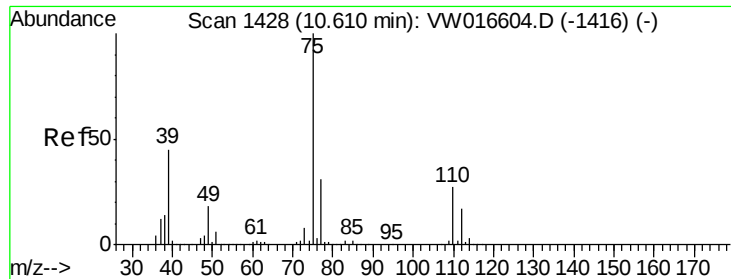
Tot Ion: 84 Resp: 54927
Ion Ratio Lower Upper
84 100
49 112.8 76.0 141.2
86 65.3 45.6 84.6



#42
cis-1,3-Dichloropropene
Concen: 0.585 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016609.D
Acq: 22 Sep 2020 14:42

Tgt Ion: 75 Resp: 7492
Ion Ratio Lower Upper
75 100
77 45.7 22.2 41.2#





#45

trans-1,3-Dichloropropene

Concen: 0.398 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016609.D

Acq: 22 Sep 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

BG3M8

Tot Ion: 75 Resp: 4430

Ion Ratio Lower Upper

75 100

77 38.2 22.5 41.9

