

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061620\
 Data File : VW015607.D
 Acq On : 16 Jun 2020 15:07
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK12

Quant Time: Jun 17 06:28:44 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	309843	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	282088	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126508	25.00	ug/L	0.00

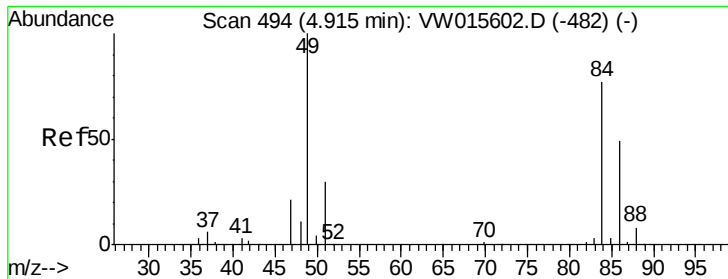
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55465	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.12%
7) Chloroethane-d5	2.90	69	63192	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
10) 1,1-Dichloroethene-d2	4.01	63	100603	14.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.16%
20) 2-Butanone-d5	7.08	46	44629	48.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.28%
24) Chloroform-d	7.65	84	158472	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	8.31	65	92288	23.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.60%
29) Benzene-d6	8.28	84	309084	22.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.36%
33) 1,2-Dichloropropane-d6	9.28	67	94973	22.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.36%
37) Toluene-d8	10.33	98	284026	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.48%
38) trans-1,3-Dichloropropene-	10.58	79	36214	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.48%
39) 2-Hexanone-d5	10.93	63	34614	47.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72258	22.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	97487	22.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.96%

Target Compounds

					Ovalue
16) Methylene chloride	4.92	84	6938	1.824 ug/L	91
35) Trichloroethene	8.85	95	9840	2.322 ug/L #	5
36) Methylcyclohexane	9.28	83	24141	3.194 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	11529	2.968 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2869	0.462 ug/L #	78
59) 1,2,3-Trichloropropane	13.56	75	16577	6.948 ug/L	91

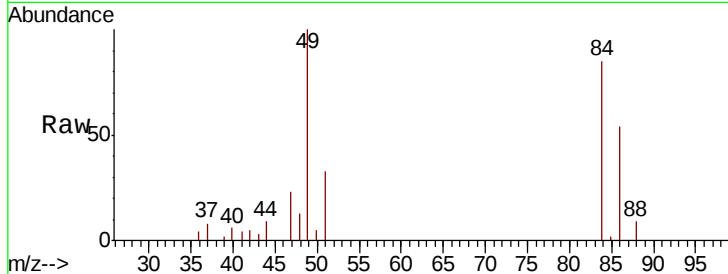
(#) = qualifier out of range (m) = manual integration (+) = signals summed



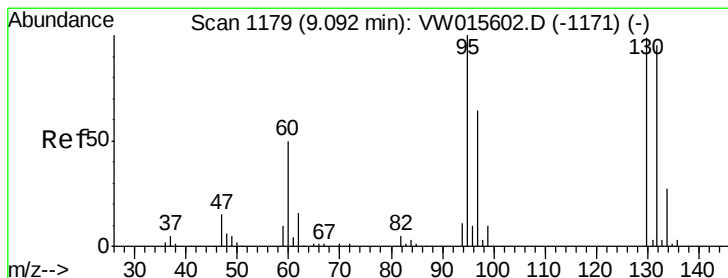
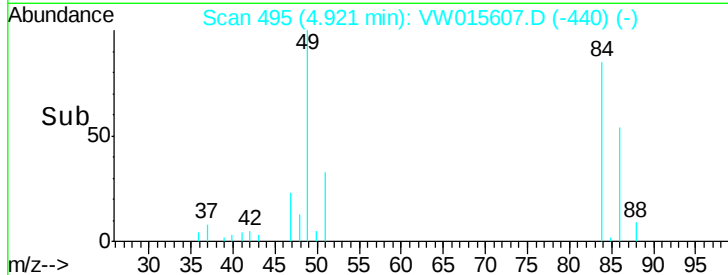
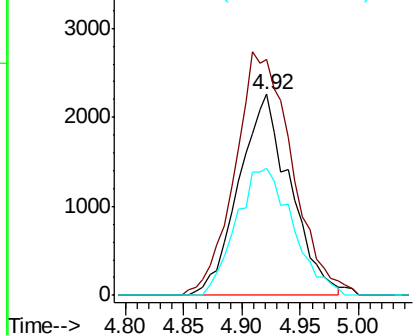
#16
Methvlene chloride
Concen: 1.824 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015607.D
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VIBLK12

Tot Ion: 84 Resp: 6938
Ion Ratio Lower Upper
84 100
49 117.5 93.0 172.8
86 63.2 44.7 83.1

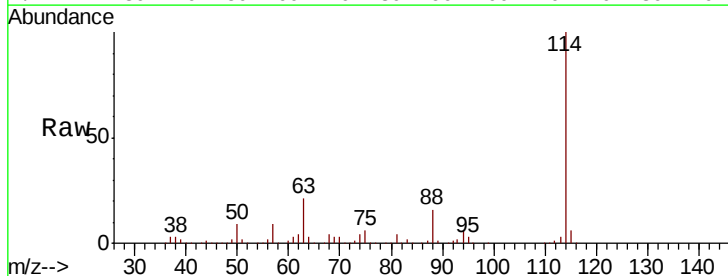


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

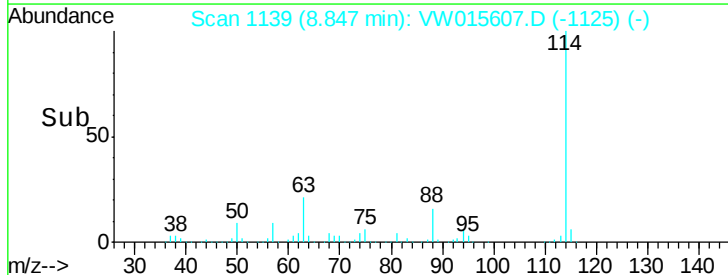
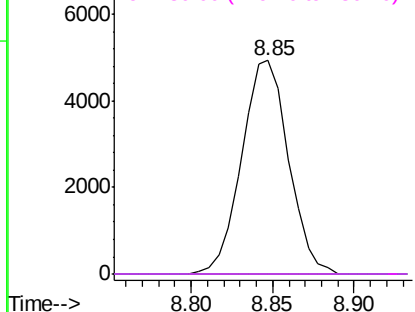


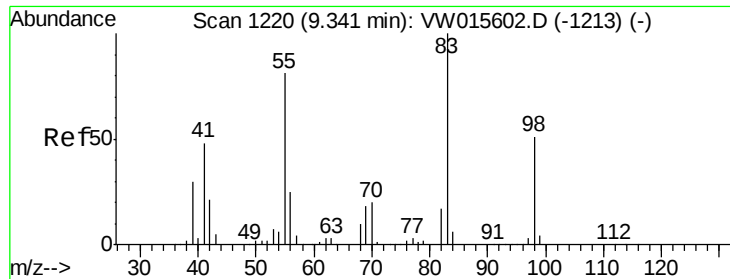
#35
Trichloroethene
Concen: 2.322 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015607.D
Acq: 16 Jun 2020 15:07

Tgt Ion: 95 Resp: 9840
Ion Ratio Lower Upper
95 100
97 0.0 45.4 84.2#
132 0.0 67.1 124.7#
130 0.0 69.4 128.8#



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

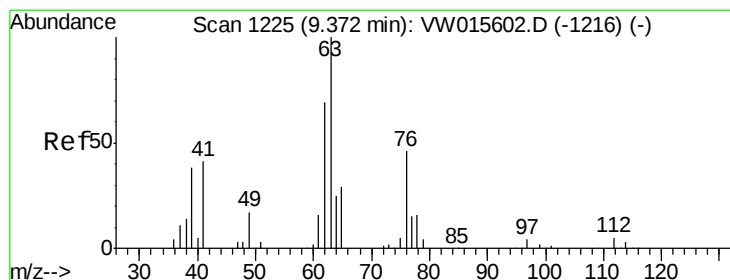
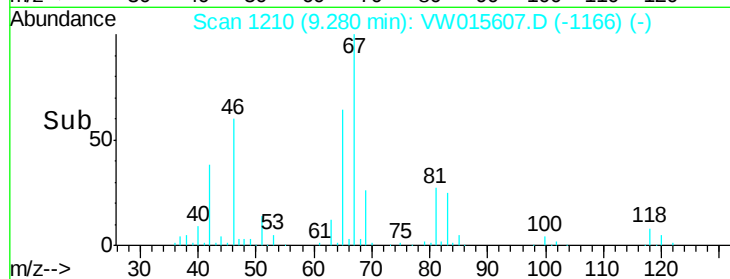
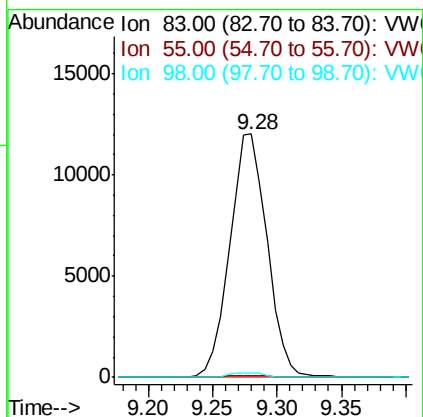
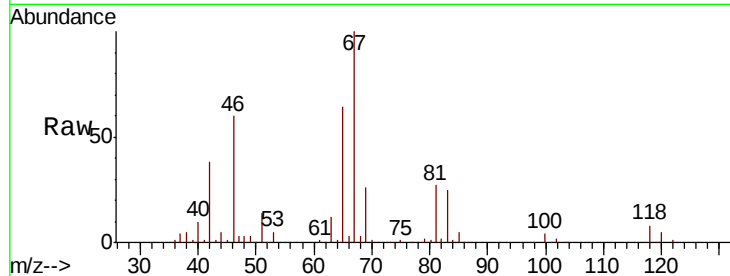




#36
Methvlcvclohexane
Concen: 3.194 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW015607.D
Acq: 16 Jun 2020 15:07

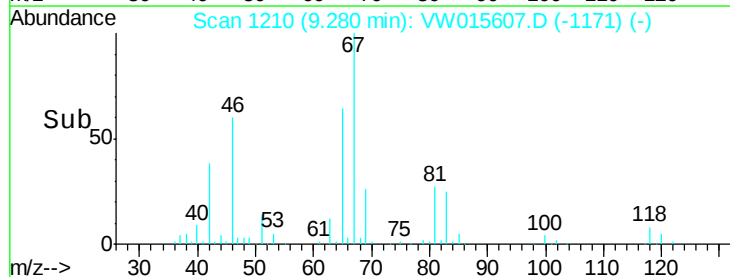
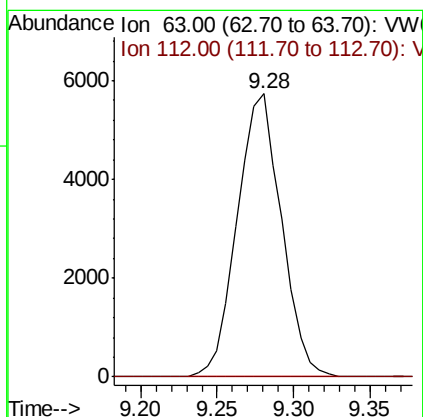
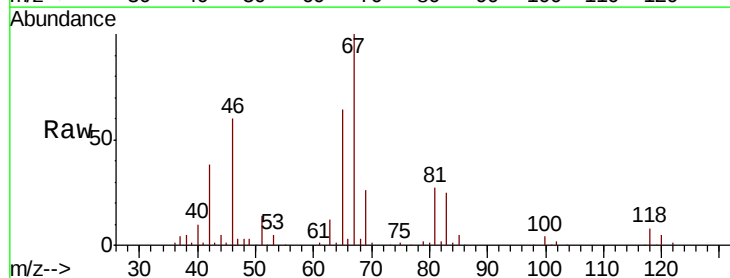
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VIBLK12

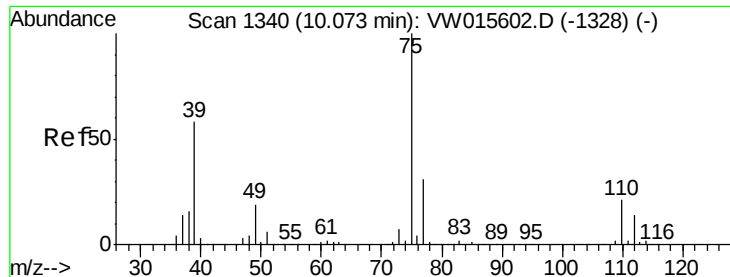
Tot Ion: 83 Resp: 24141
Ion Ratio Lower Upper
83 100
55 0.6 62.8 94.2#
98 1.7 39.2 58.8#



#40
1,2-Dichloropropane
Concen: 2.968 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW015607.D
Acq: 16 Jun 2020 15:07

Tgt Ion: 63 Resp: 11529
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.462 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015607.D

Acq: 16 Jun 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

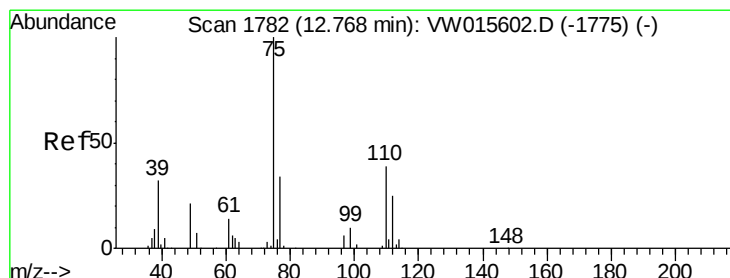
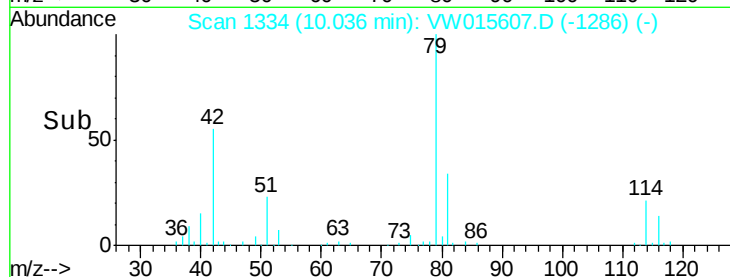
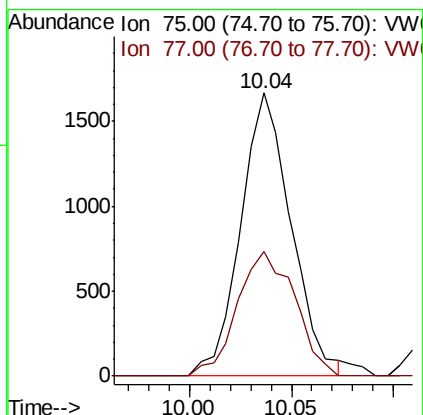
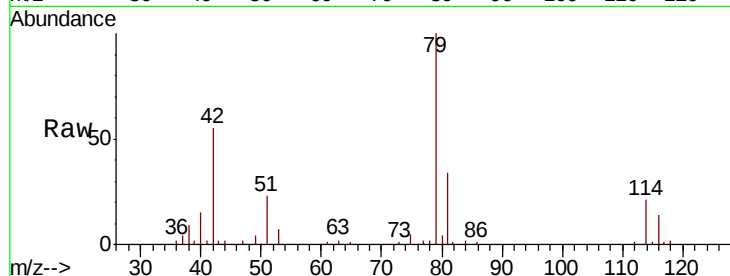
VIBLK12

Tot Ion: 75 Resp: 2869

Ion Ratio Lower Upper

75 100

77 44.2 22.3 41.5#



#59

1,2,3-Trichloropropane

Concen: 6.948 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015607.D

Acq: 16 Jun 2020 15:07

Tgt Ion: 75 Resp: 16577

Ion Ratio Lower Upper

75 100

77 37.7 25.9 38.9

