

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\
 Data File : VW015633.D
 Acq On : 18 Jun 2020 14:12
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK20

Quant Time: Jun 19 07:32:39 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	320716	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296190	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138283	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54785	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.56%
7) Chloroethane-d5	2.89	69	65029	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.00%
10) 1,1-Dichloroethene-d2	4.01	63	100431	14.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.08%
20) 2-Butanone-d5	7.08	46	52781	55.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.02%
24) Chloroform-d	7.65	84	170993	23.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	8.31	65	102212	24.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.08%
29) Benzene-d6	8.27	84	327473	22.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.16%
33) 1,2-Dichloropropane-d6	9.27	67	102039	23.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.48%
37) Toluene-d8	10.32	98	306352	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.76%
38) trans-1,3-Dichloropropene-	10.58	79	39292	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.96%
39) 2-Hexanone-d5	10.93	63	41269	54.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83533	25.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	109965	23.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.92%

Target Compounds

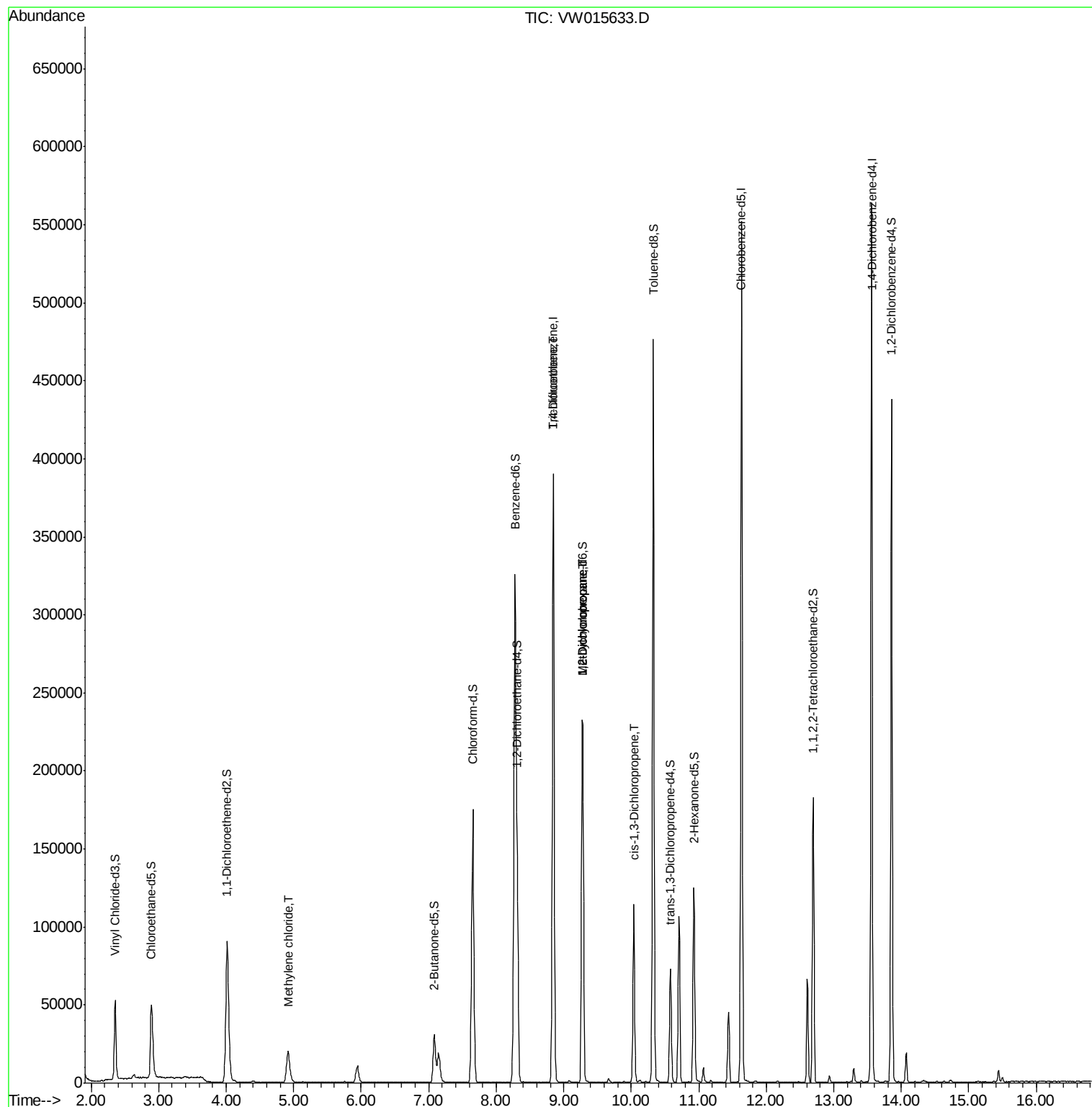
					Ovalue
16) Methylene chloride	4.92	84	16258	4.130 ug/L	96
35) Trichloroethene	8.84	95	10136	2.278 ug/L #	5
36) Methylcyclohexane	9.27	83	25806	3.252 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	12614	3.092 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3302	0.506 ug/L #	64

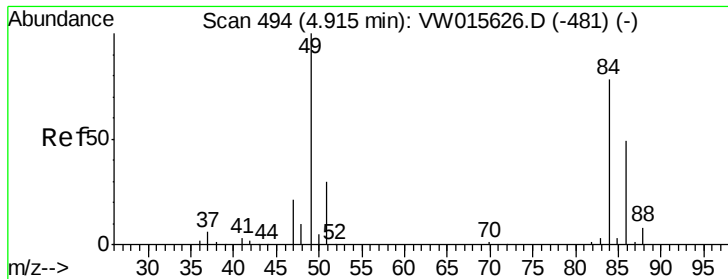
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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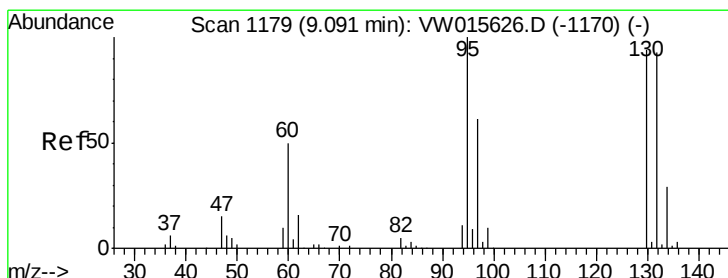
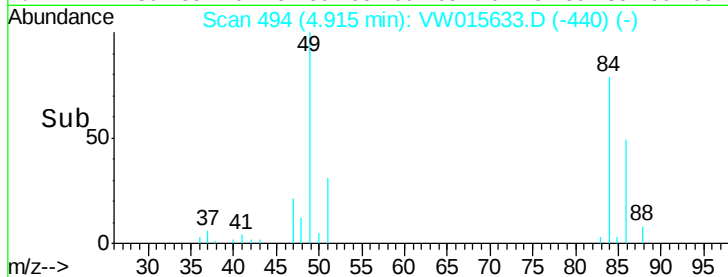
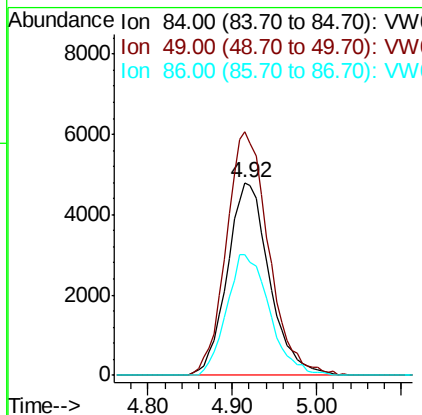
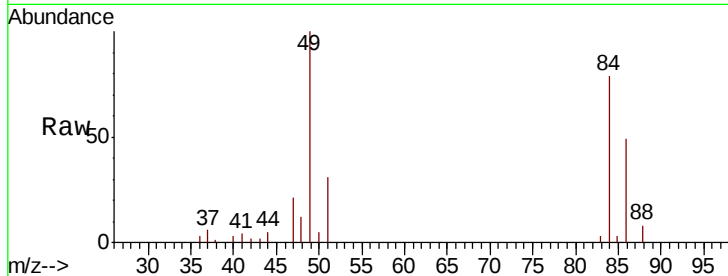




#16
Methylene chloride
Concen: 4.130 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015633.D
Acq: 18 Jun 2020 14:12

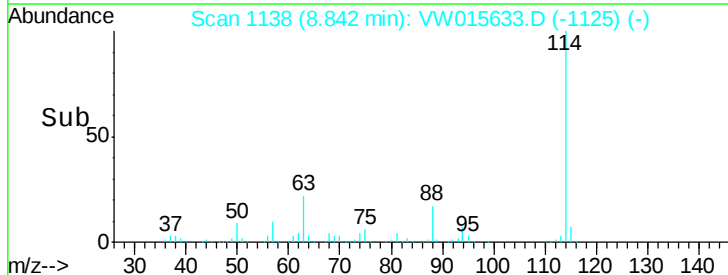
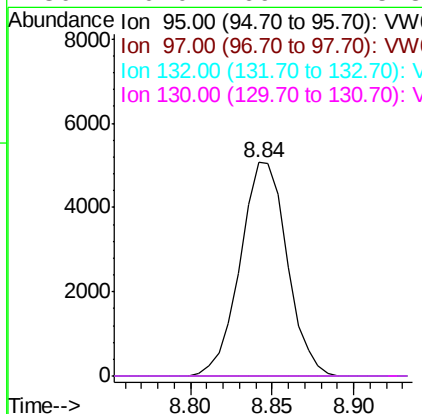
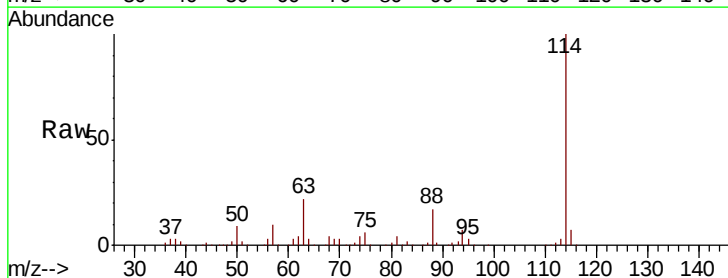
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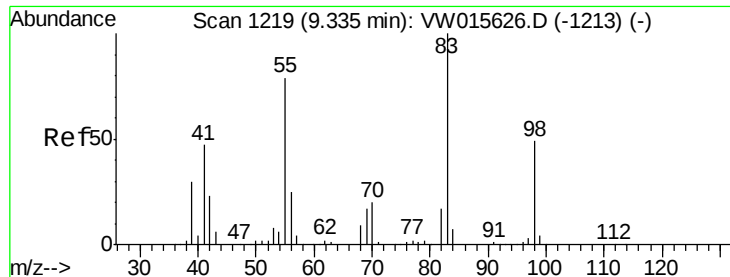
Tot Ion: 84 Resp: 16258
Ion Ratio Lower Upper
84 100
49 126.4 93.0 172.8
86 62.5 44.7 83.1



#35
Trichloroethene
Concen: 2.278 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW015633.D
Acq: 18 Jun 2020 14:12

Tgt Ion: 95 Resp: 10136
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#

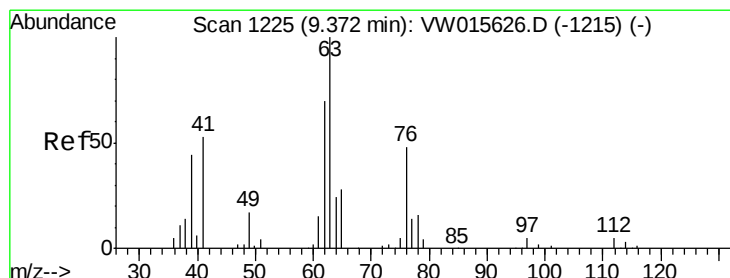
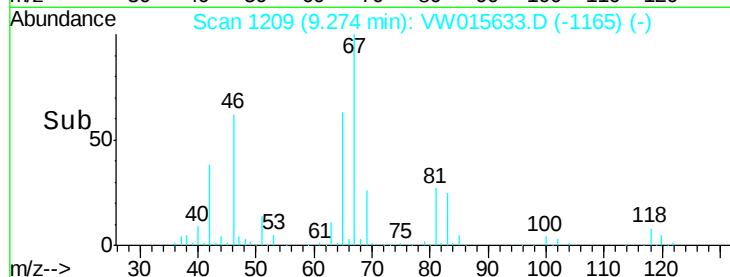
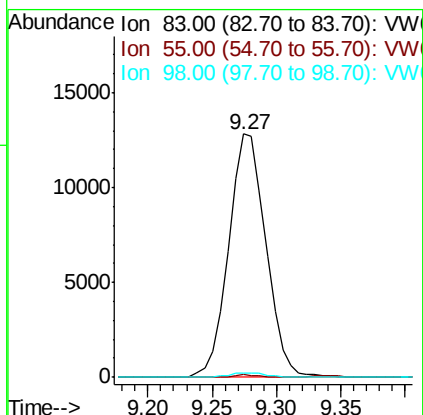
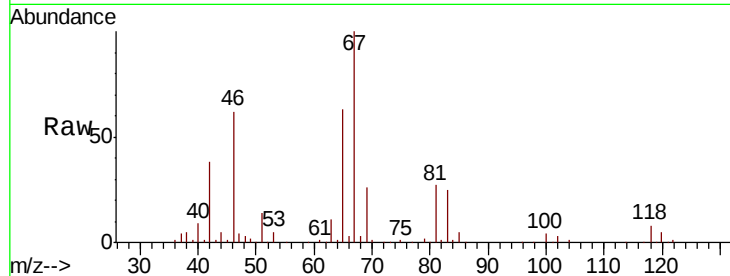




#36
Methylcyclohexane
Concen: 3.252 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015633.D
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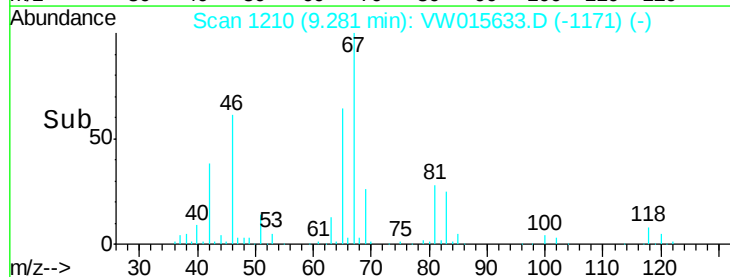
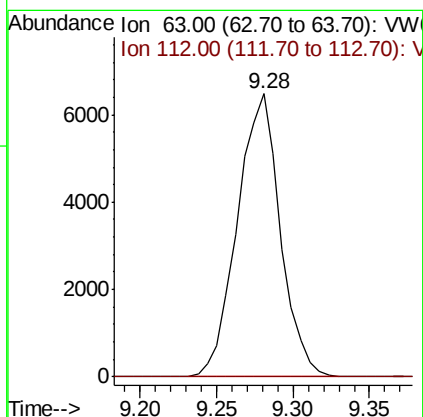
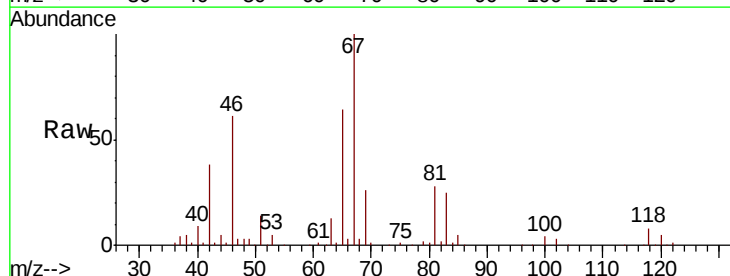
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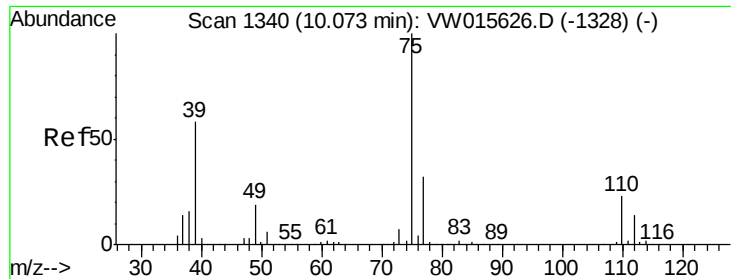
Tot Ion: 83 Resp: 25806
Ion Ratio Lower Upper
83 100
55 0.7 62.8 94.2#
98 1.7 39.2 58.8#



#40
1,2-Dichloropropane
Concen: 3.092 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW015633.D
Acq: 18 Jun 2020 14:12

Tgt Ion: 63 Resp: 12614
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.506 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015633.D

Acq: 18 Jun 2020 14:12

Instrument :

MSVOA_W

ClientSampleId :

VIBLK20

Tot Ion: 75 Resp: 3302

Ion Ratio Lower Upper

75 100

77 51.8 22.3 41.5#

