

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016059.D
 Acq On : 06 Aug 2020 21:26
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK13

Quant Time: Aug 07 07:44:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	290556	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267344	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126289	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84813	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.76%
7) Chloroethane-d5	2.89	69	65859	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.12%
10) 1,1-Dichloroethene-d2	4.01	63	132244	15.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.80%
20) 2-Butanone-d5	7.09	46	52554	48.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.60%
24) Chloroform-d	7.65	84	189918	23.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	8.31	65	106051	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.68%
29) Benzene-d6	8.27	84	391305	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.27	67	113697	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.24%
37) Toluene-d8	10.32	98	359738	24.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.60%
38) trans-1,3-Dichloropropene-	10.58	79	49311	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.84%
39) 2-Hexanone-d5	10.93	63	43362	53.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99211	26.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	127684	25.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.72%

Target Compounds

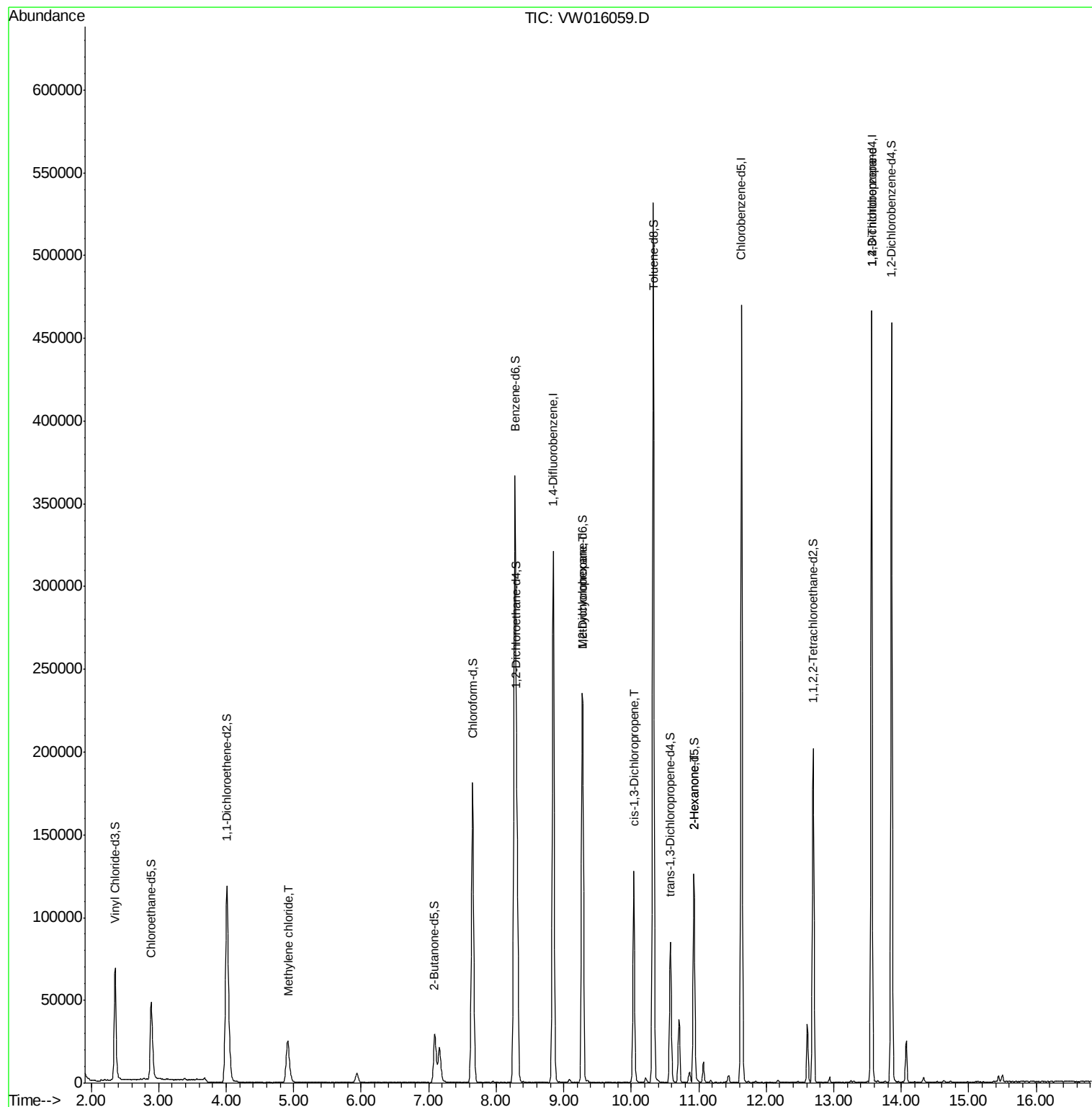
					Ovalue
16) Methylene chloride	4.91	84	22383	4.701 ug/L	79
36) Methylcyclohexane	9.27	83	28913	3.923 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	3121	0.509 ug/L #	54
49) 2-Hexanone	10.93	43	4946	2.969 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	13393	5.263 ug/L	92

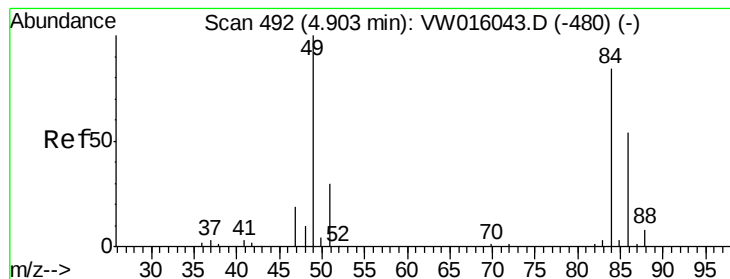
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 4.701 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW016059.D

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Instrument :

MSVOA_W

ClientSampleId :

VIBLK13

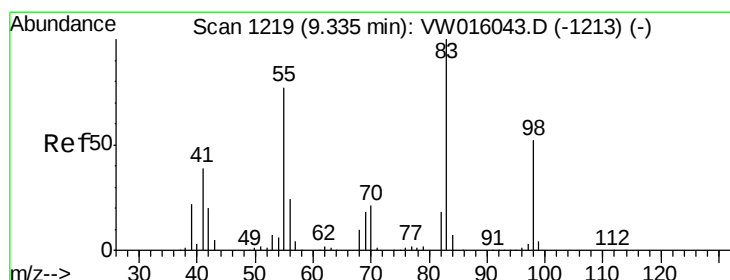
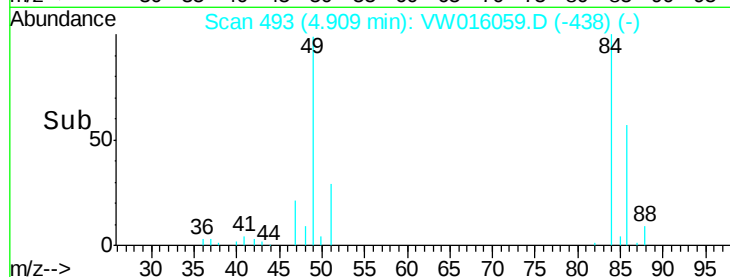
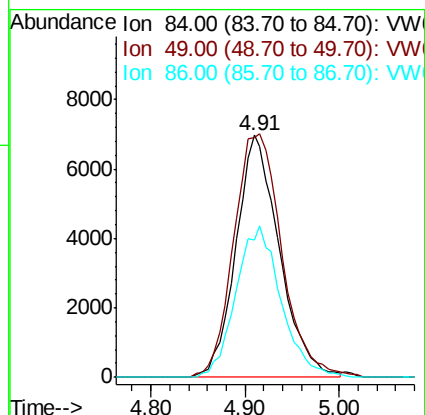
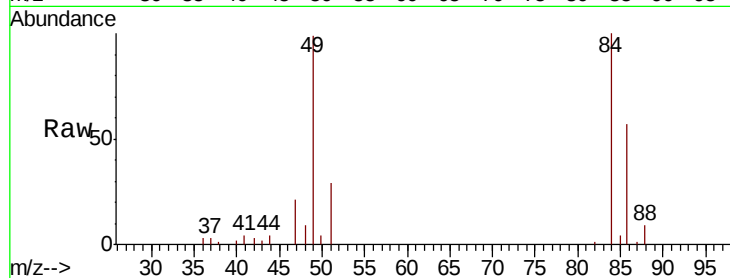
Tot Ion: 84 Resp: 22383

Ion Ratio Lower Upper

84 100

49 99.4 91.1 169.1

86 57.0 46.0 85.4



#36

Methylcyclohexane

Concen: 3.923 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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Acq: 06 Aug 2020 21:26

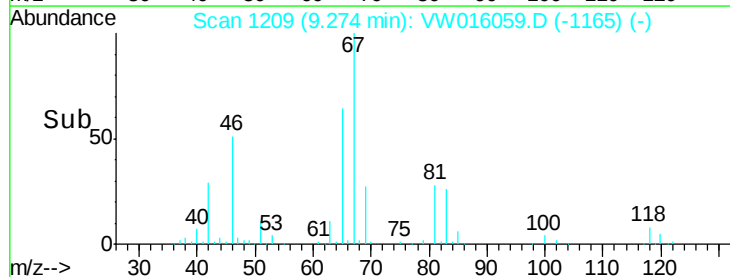
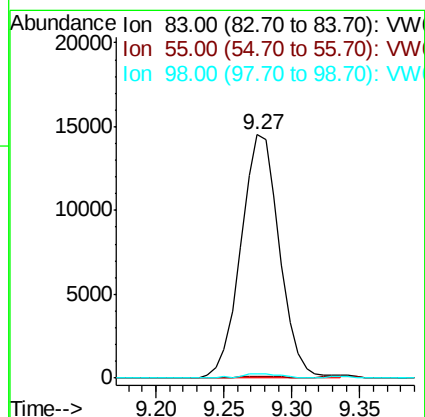
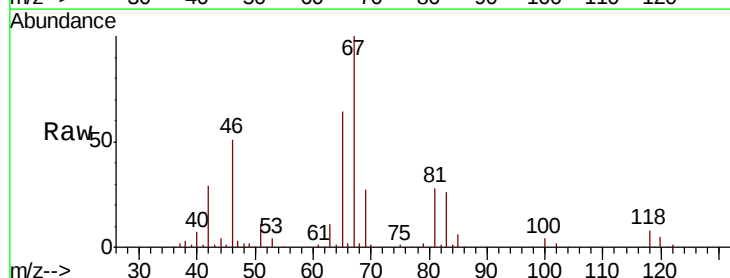
Tgt Ion: 83 Resp: 28913

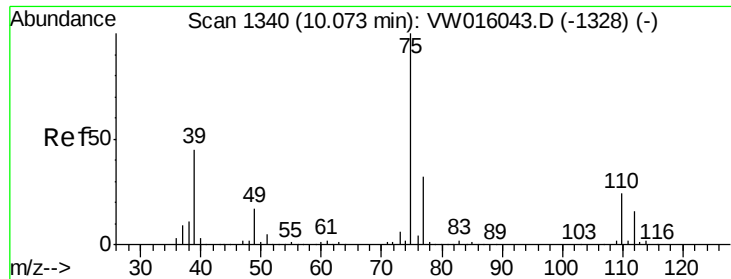
Ion Ratio Lower Upper

83 100

55 0.7 63.5 95.3#

98 1.8 39.0 58.4#

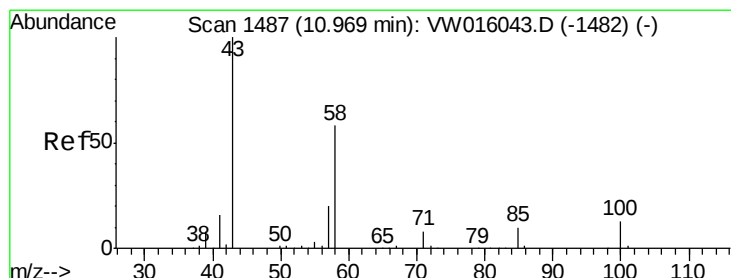
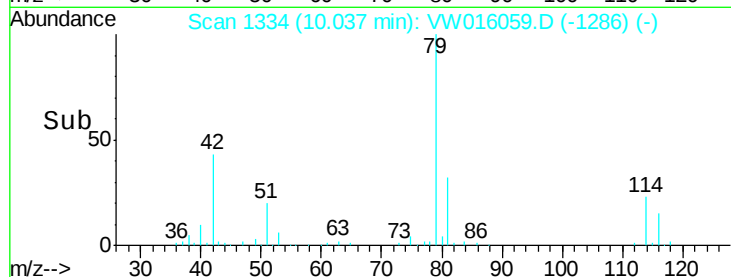
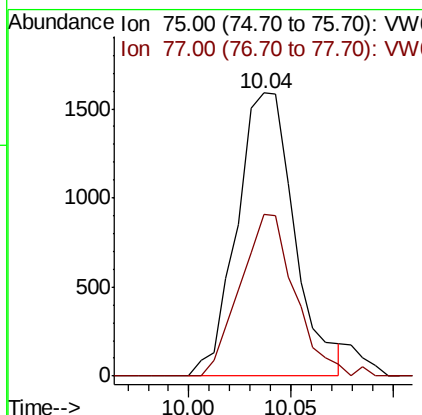
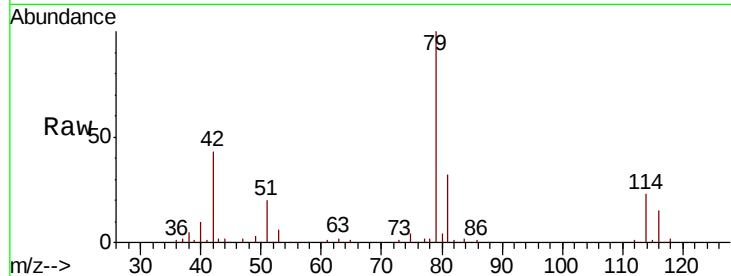




#42
 cis-1,3-Dichloropropene
 Concen: 0.509 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016059.D
 Acq: 06 Aug 2020 21:26

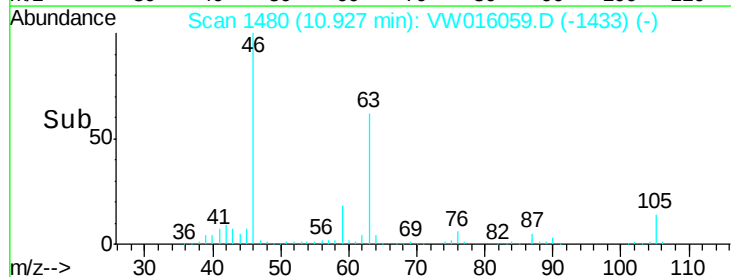
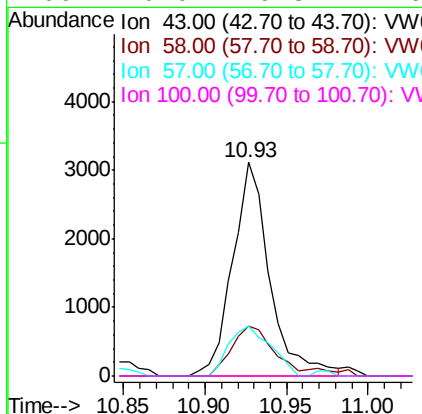
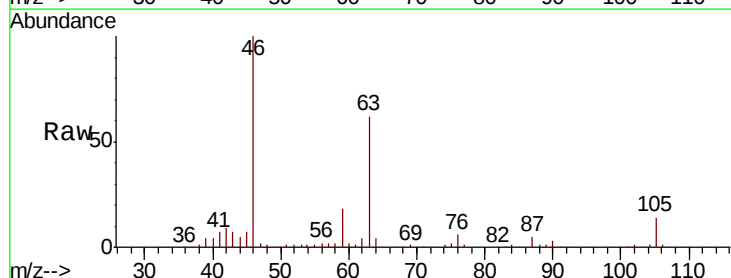
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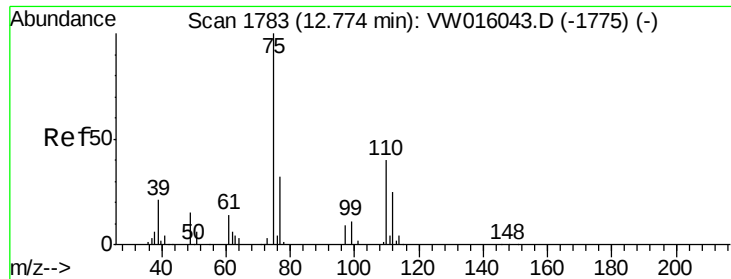
Tot Ion: 75 Resp: 3121
 Ion Ratio Lower Upper
 75 100
 77 57.0 22.2 41.2#



#49
 2-Hexanone
 Concen: 2.969 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW016059.D
 Acq: 06 Aug 2020 21:26

Tgt Ion: 43 Resp: 4946
 Ion Ratio Lower Upper
 43 100
 58 25.8 42.4 63.6#
 57 26.3 15.6 23.4#
 100 0.0 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.263 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016059.D

Acq: 06 Aug 2020 21:26

Instrument :

MSVOA_W

ClientSampleId :

VIBLK13

Tot Ion: 75 Resp: 13393

Ion Ratio Lower Upper

75 100

77 37.0 26.0 39.0

