

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081920\
 Data File : VW016256.D
 Acq On : 19 Aug 2020 13:58
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 01:42:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	368052	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349389	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158480	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	83883	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	2.89	69	67122	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.52%
10) 1,1-Dichloroethene-d2	4.01	63	151943	15.68	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	7.09	46	65758	54.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.54%
24) Chloroform-d	7.65	84	221675	22.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	8.31	65	120368	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.76%
29) Benzene-d6	8.27	84	434374	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	9.27	67	127310	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.12%
37) Toluene-d8	10.32	98	397051	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.12%
38) trans-1,3-Dichloropropene-	10.58	79	56011	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.20%
39) 2-Hexanone-d5	10.93	63	54451	56.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125134	27.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	143795	25.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.40%

Target Compounds

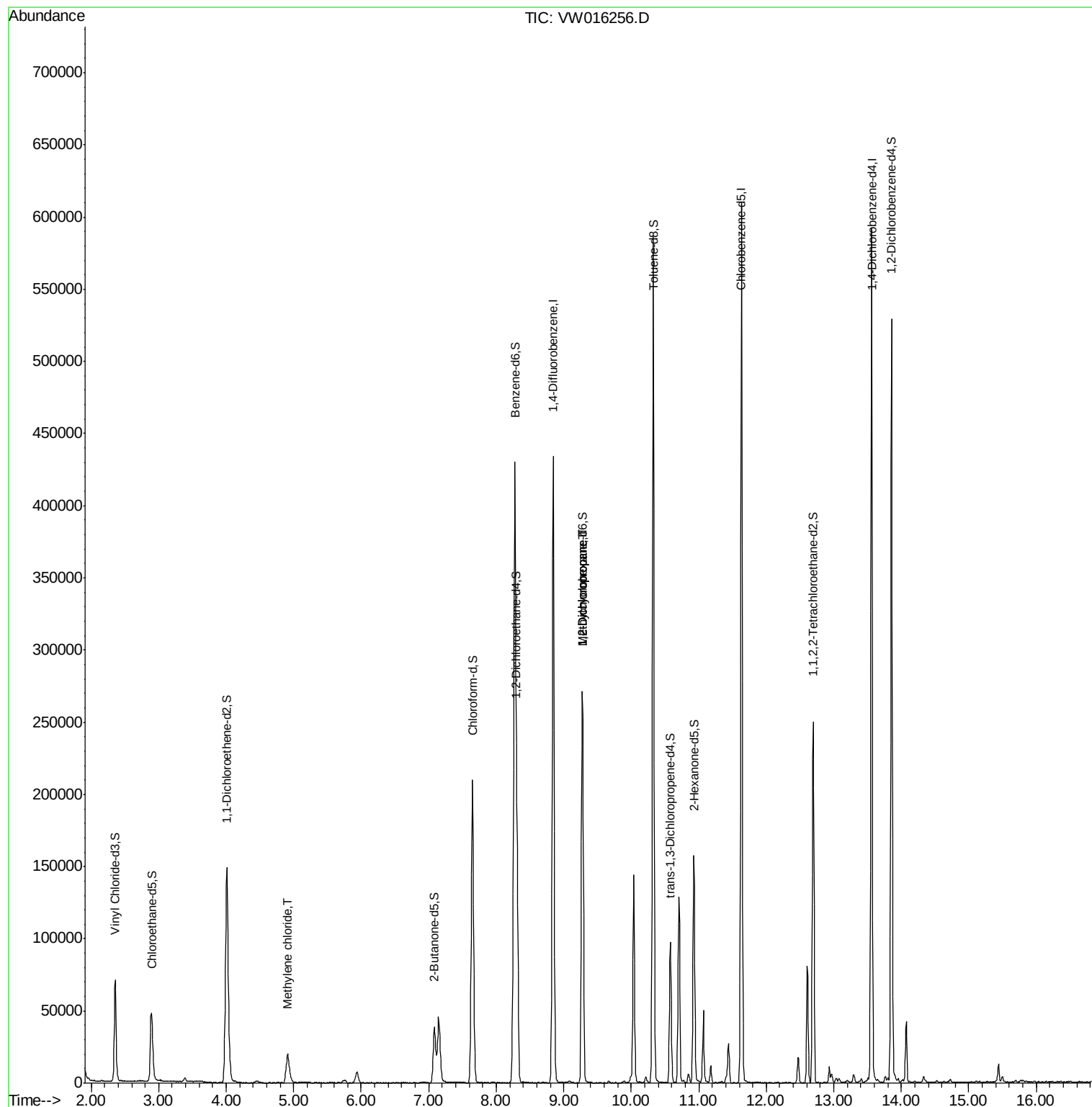
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.91	84	15999	2.753	ug/L	85
36) Methylcyclohexane	9.27	83	33795	3.787	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	14113	2.852	ug/L #	86

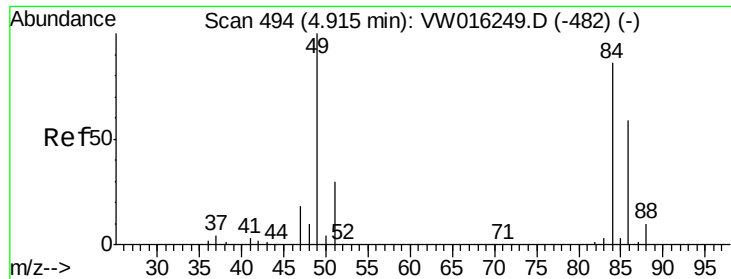
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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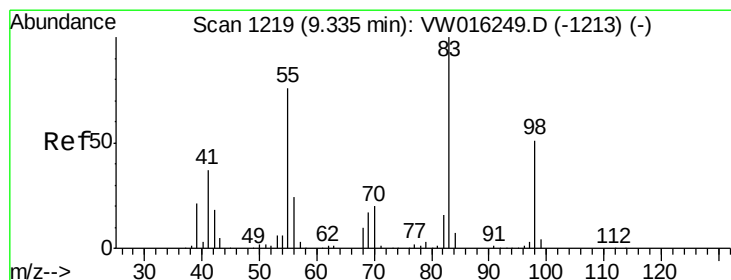
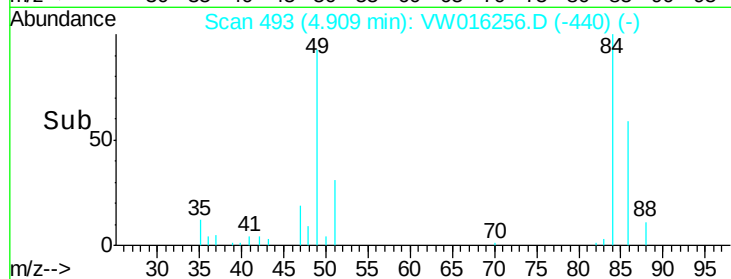
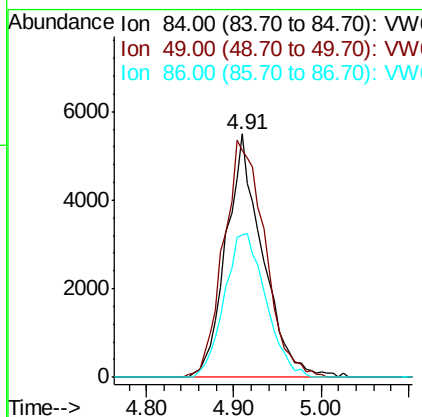
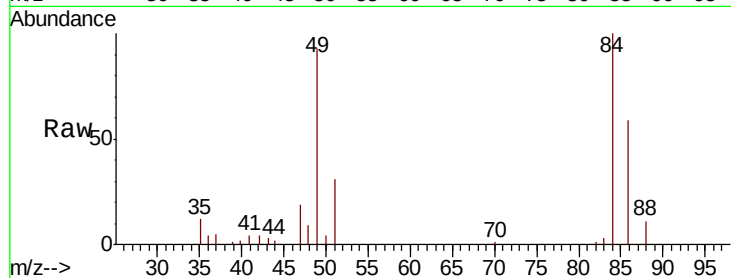




#16
Methylene chloride
Concen: 2.753 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016256.D
Acq: 19 Aug 2020 13:58

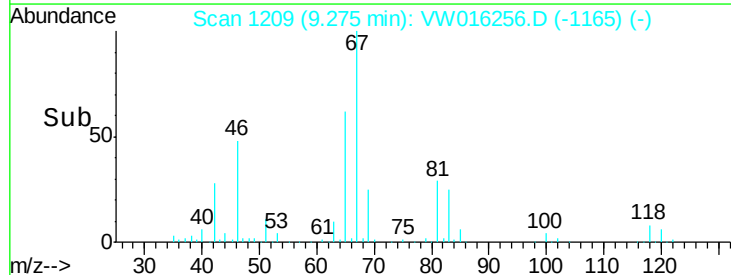
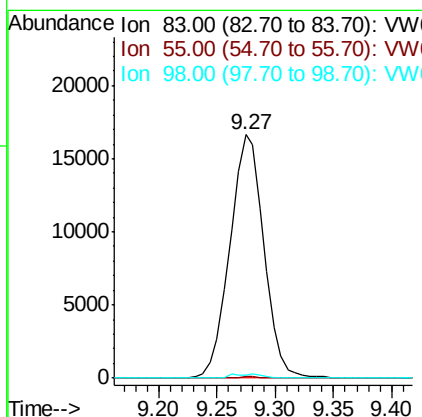
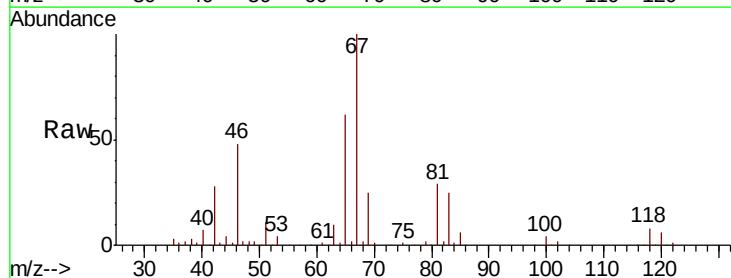
Instrument :
MSVOA_W
ClientSampleId :

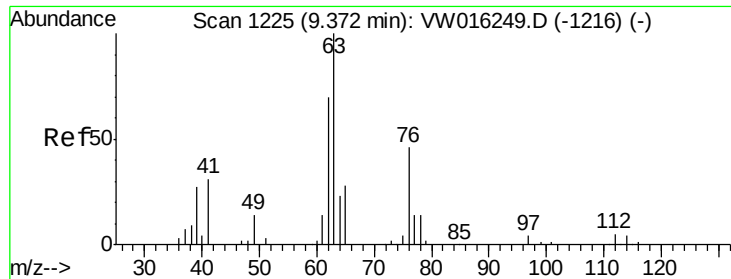
Tot Ion: 84 Resp: 15999
Ion Ratio Lower Upper
84 100
49 93.4 80.4 149.4
86 58.7 43.8 81.3



#36
Methylcyclohexane
Concen: 3.787 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016256.D
Acq: 19 Aug 2020 13:58

Tgt Ion: 83 Resp: 33795
Ion Ratio Lower Upper
83 100
55 0.3 60.7 91.1#
98 0.8 39.4 59.0#





#40

1,2-Dichloropropane

Concen: 2.852 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016256.D

Acq: 19 Aug 2020 13:58

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 63 Resp: 14113

Ion Ratio Lower Upper

63 100

112 0.3 4.0 6.0#

