

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013629.D
 Acq On : 21 Oct 2019 12:14
 Operator : SY/VA
 Sample : K5395-12
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0020

Quant Time: Oct 21 16:40:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 16:37:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	292405	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118717	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111289	31.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.08%
7) Chloroethane-d5	2.89	69	95587	28.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.16%
10) 1,1-Dichloroethene-d2	4.03	63	165787	20.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.68%
20) 2-Butanone-d5	7.08	46	71743	55.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.82%
24) Chloroform-d	7.65	84	218130	26.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.64%
26) 1,2-Dichloroethane-d4	8.30	65	120188	28.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.36%
29) Benzene-d6	8.27	84	478169	30.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.88%
33) 1,2-Dichloropropane-d6	9.27	67	142894	30.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.96%#
37) Toluene-d8	10.32	98	422621	29.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.80%
38) trans-1,3-Dichloropropene-	10.58	79	64022	30.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.12%
39) 2-Hexanone-d5	10.93	63	56105	62.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109819	28.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	116250	27.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.84%

Target Compounds

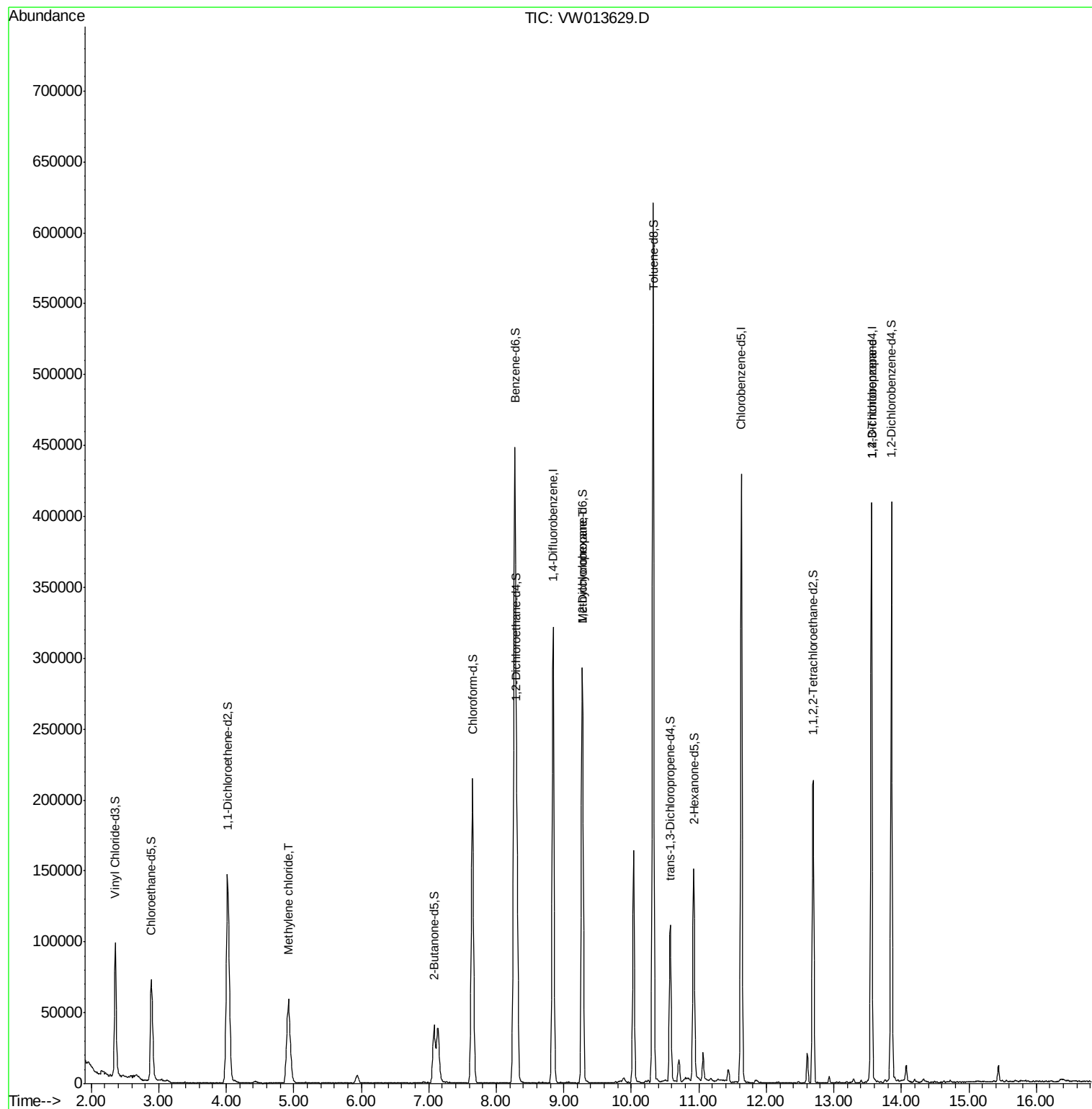
					Ovalue
16) Methylene chloride	4.92	84	53624	9.577 ug/L	92
36) Methylcyclohexane	9.27	83	34432	4.063 ug/L #	20
59) 1,2,3-Trichloropropane	13.55	75	11914	3.857 ug/L	95

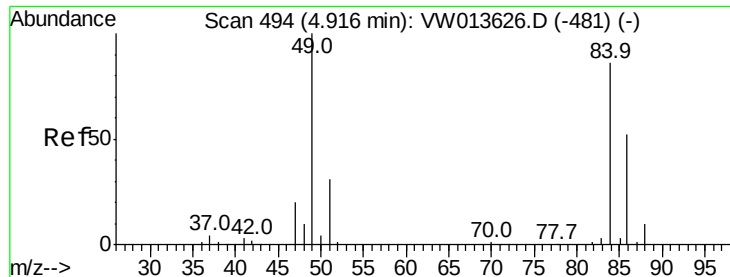
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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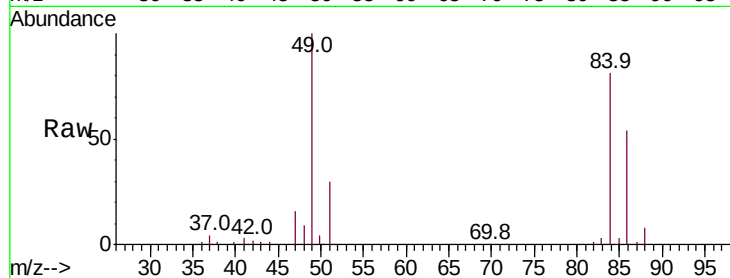




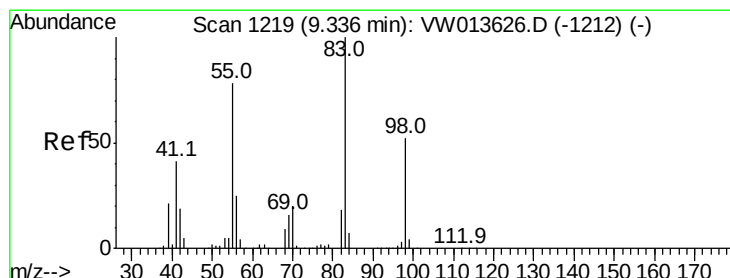
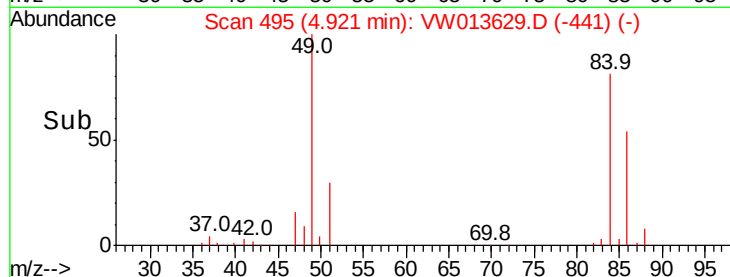
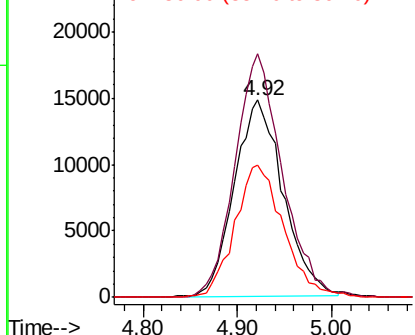
#16
Methylene chloride
Concen: 9.577 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW013629.D
Acq: 21 Oct 2019 12:14

Instrument :
MSVOA_W
ClientSampled :
C0020

Tot Ion: 84 Resp: 53624
Ion Ratio Lower Upper
84 100
49 123.3 80.2 148.9
86 66.9 42.7 79.3

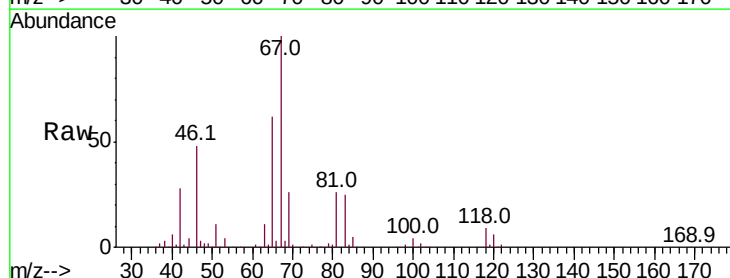


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

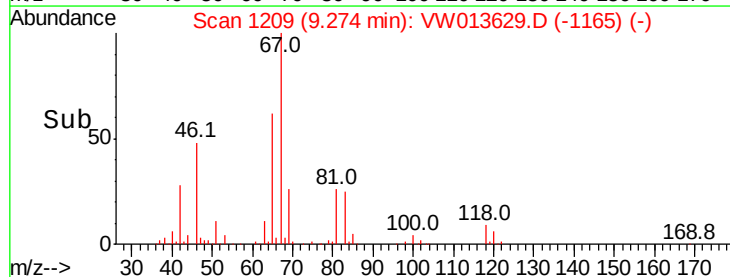
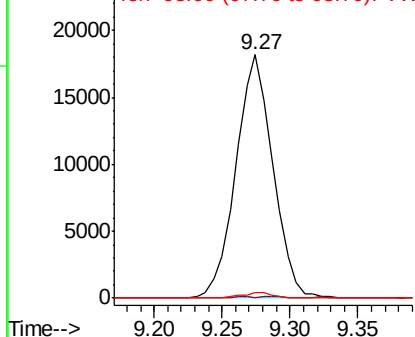


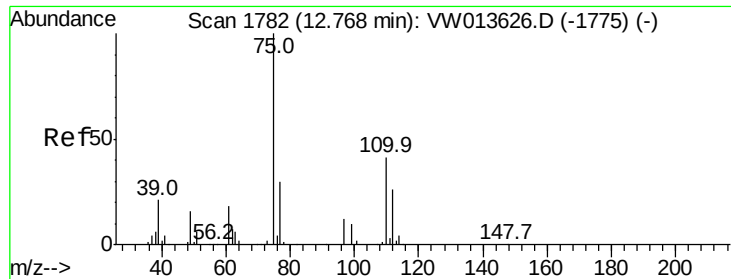
#36
Methylcyclohexane
Concen: 4.063 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW013629.D
Acq: 21 Oct 2019 12:14

Tgt Ion: 83 Resp: 34432
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.4#
98 1.8 39.1 58.7#



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#59

1,2,3-Trichloropropane

Concen: 3.857 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013629.D

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Tot Ion: 75 Resp: 11914

Ion Ratio Lower Upper

75 100

77 35.6 26.4 39.6

