

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016339.D
 Acq On : 24 Aug 2020 18:40
 Operator : SY/VA
 Sample : L3789-13
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWs1

Quant Time: Aug 25 05:31:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 05:29:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371345	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339081	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149528	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55015	13.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.52%
7) Chloroethane-d5	2.89	69	46591	15.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.92%
10) 1,1-Dichloroethene-d2	4.01	63	104205	11.06	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.24%#
20) 2-Butanone-d5	7.08	46	42823	37.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.96%
24) Chloroform-d	7.65	84	177409	18.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.32%
26) 1,2-Dichloroethane-d4	8.31	65	92672	18.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.32%
29) Benzene-d6	8.27	84	323538	17.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.36%
33) 1,2-Dichloropropane-d6	9.27	67	97244	18.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.24%
37) Toluene-d8	10.32	98	296546	16.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.40%
38) trans-1,3-Dichloropropene-	10.58	79	43765	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.24%
39) 2-Hexanone-d5	10.93	63	41347	49.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90269	20.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	111169	19.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.56%

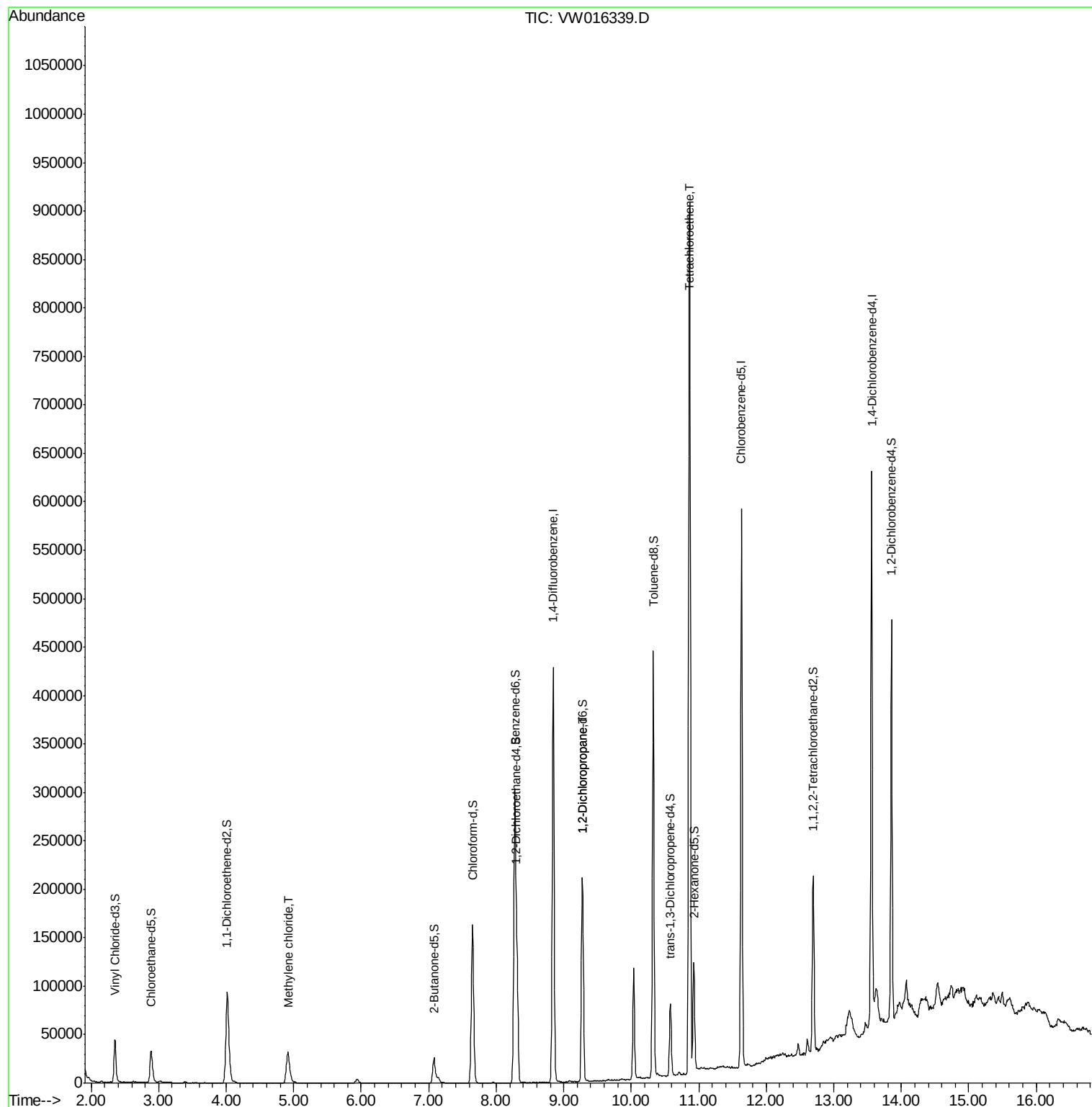
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	29679	4.323 ug/L	95
40) 1,2-Dichloropropane	9.27	63	10935	2.391 ug/L #	85
47) Tetrachloroethene	10.86	164	207581	47.802 ug/L	96

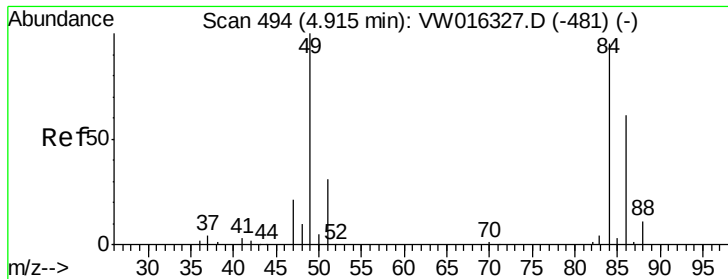
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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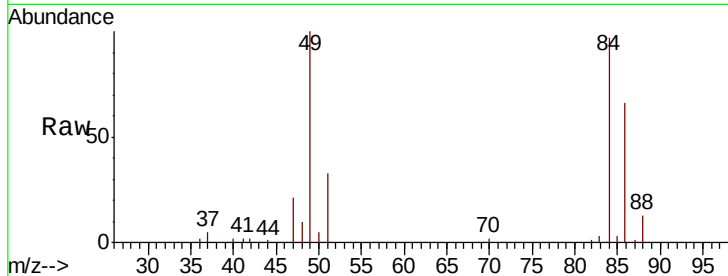




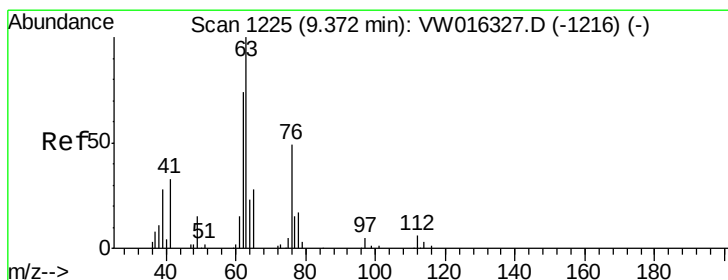
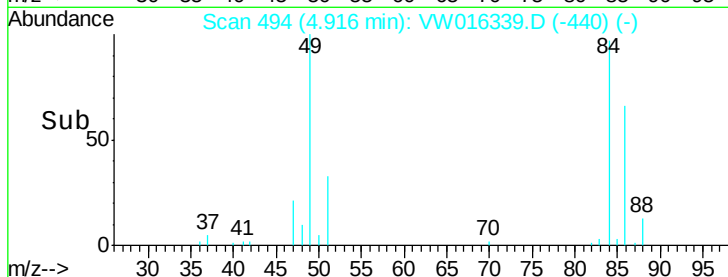
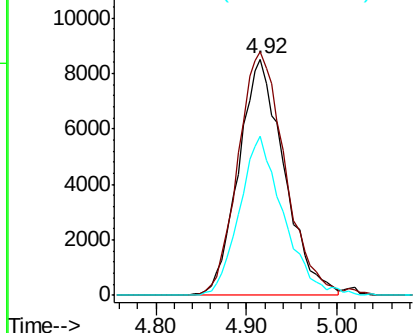
#16
Methylene chloride
Concen: 4.323 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016339.D
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Instrument :
MSVOA_W
ClientSampleId :
BFWS1

Tot Ion: 84 Resp: 29679
Ion Ratio Lower Upper
84 100
49 103.2 75.3 139.9
86 67.6 43.3 80.3

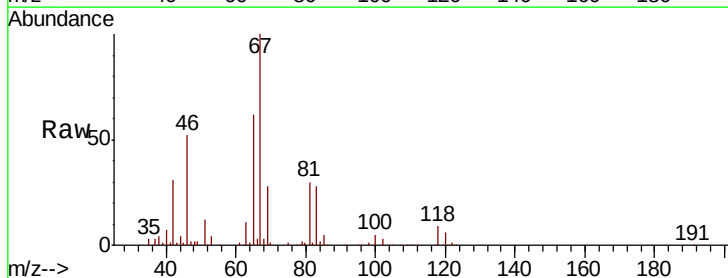


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

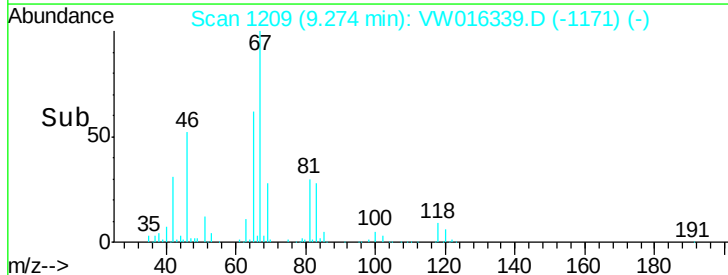
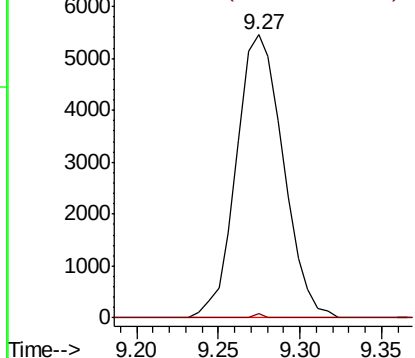


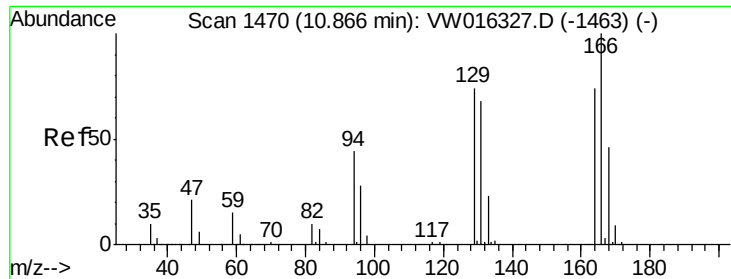
#40
1,2-Dichloropropane
Concen: 2.391 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016339.D
Acq: 24 Aug 2020 18:40

Tgt Ion: 63 Resp: 10935
Ion Ratio Lower Upper
63 100
112 0.4 4.4 6.6#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#47

Tetrachloroethene

Concen: 47.802 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW016339.D

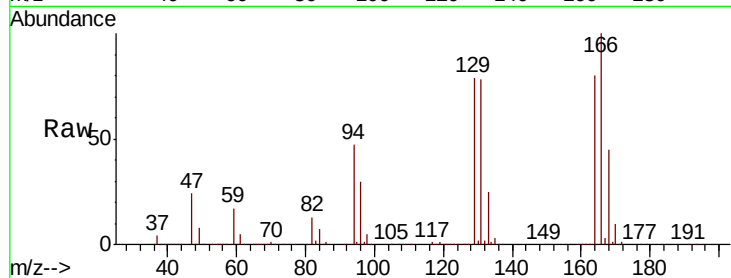
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Tot Ion:164 Resp: 207581

Ion Ratio Lower Upper

164 100

129 97.8 71.5 132.7

131 97.0 67.4 125.2

166 124.3 92.5 171.9

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

