

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016092.D
 Acq On : 08 Aug 2020 00:06
 Operator : SY/VA
 Sample : L3579-12
 Misc : 7.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSL6

Quant Time: Aug 08 06:20:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	335349	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	106272	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70970	15.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.00%
7) Chloroethane-d5	2.89	69	64097	16.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.72%
10) 1,1-Dichloroethene-d2	4.01	63	124496	13.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.04%
20) 2-Butanone-d5	7.08	46	46327	37.27	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.54%
24) Chloroform-d	7.65	84	198486	21.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.28%
26) 1,2-Dichloroethane-d4	8.31	65	103972	20.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.44%
29) Benzene-d6	8.27	84	378762	22.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.84%
33) 1,2-Dichloropropane-d6	9.27	67	117650	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.04%
37) Toluene-d8	10.32	98	324326	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	10.58	79	42943	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.80%
39) 2-Hexanone-d5	10.93	63	40910	48.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90386	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	99046	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

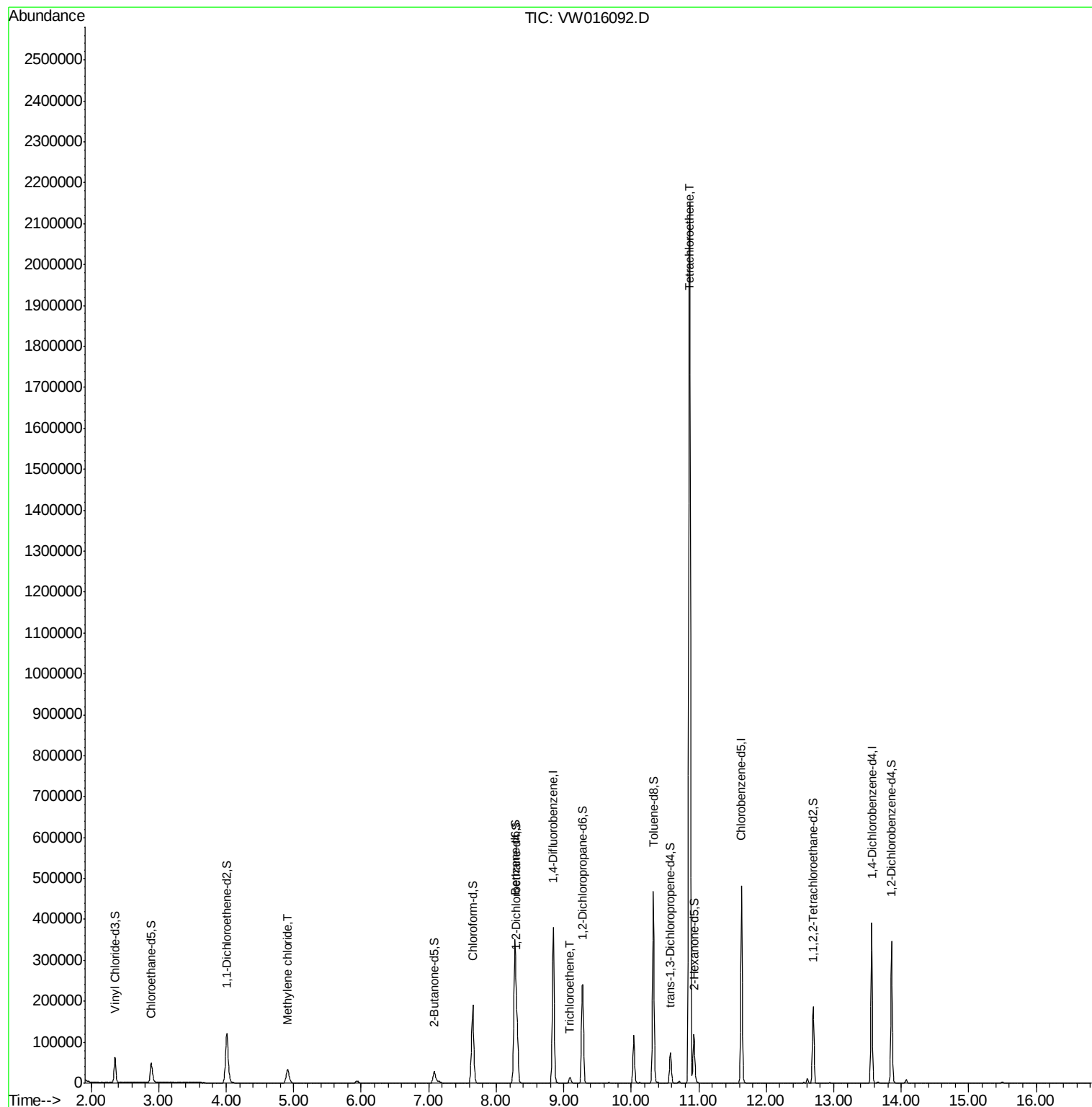
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	27679	5.037 ug/L	84
35) Trichloroethene	9.10	95	4213	0.936 ug/L	97
47) Tetrachloroethene	10.87	164	538029	153.975 ug/L	94

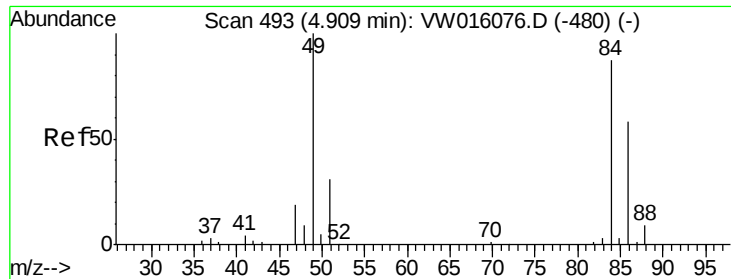
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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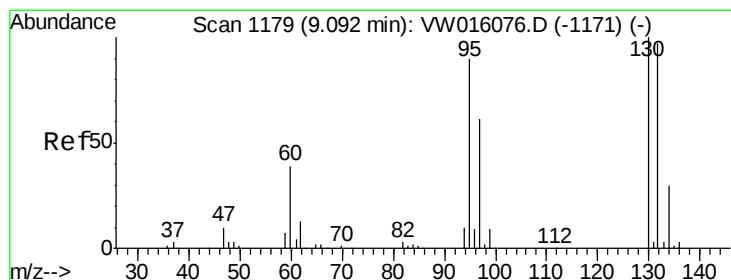
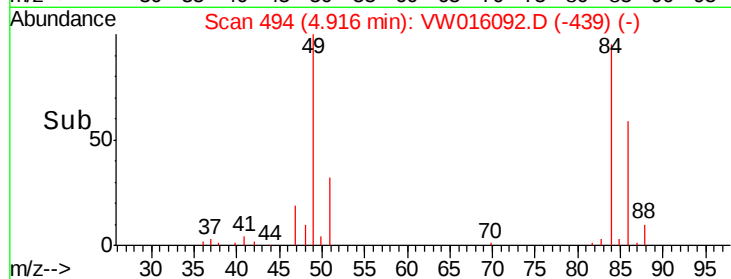
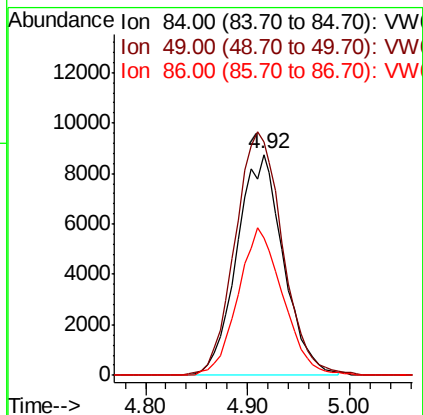
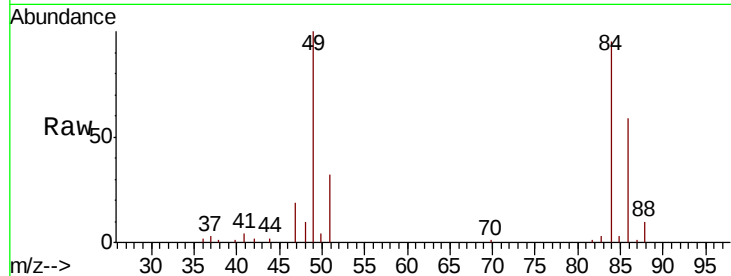




#16
Methvlene chloride
Concen: 5.037 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016092.D
Acq: 08 Aug 2020 00:06

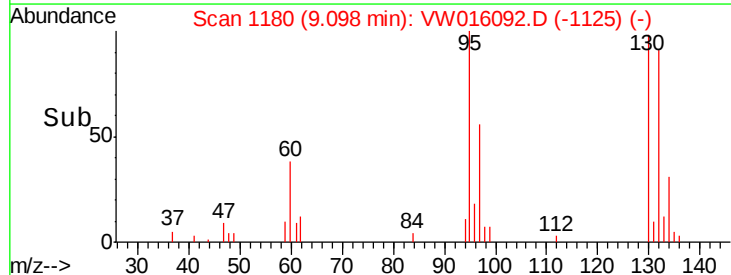
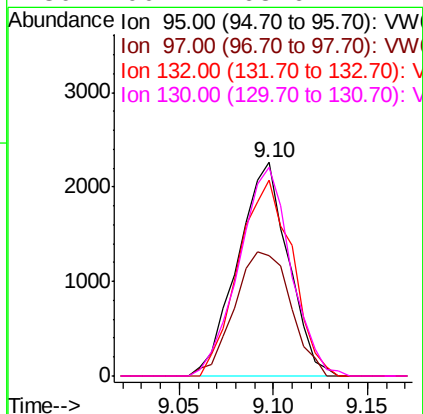
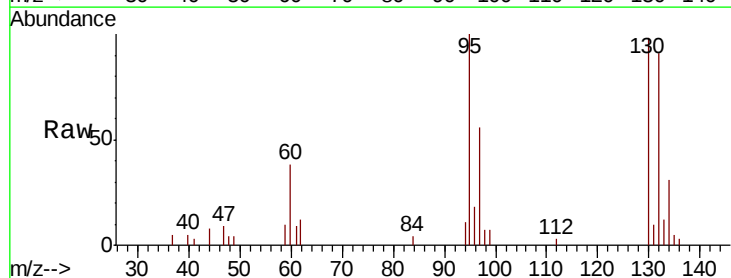
Instrument :
MSVOA_W
ClientSampleId :
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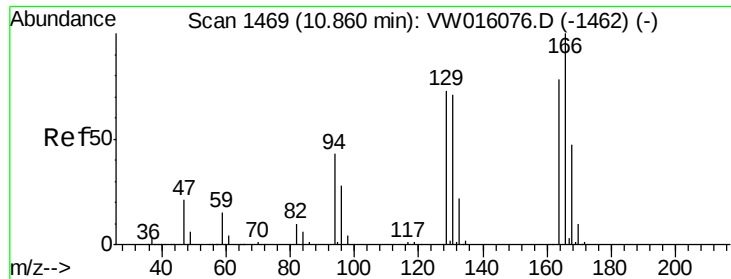
Tot Ion: 84 Resp: 27679
Ion Ratio Lower Upper
84 100
49 105.4 91.1 169.1
86 62.0 46.0 85.4



#35
Trichloroethene
Concen: 0.936 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW016092.D
Acq: 08 Aug 2020 00:06

Tgt Ion: 95 Resp: 4213
Ion Ratio Lower Upper
95 100
97 64.4 44.4 82.4
132 97.0 65.1 120.9
130 100.1 68.6 127.4





#47

Tetrachloroethene

Concen: 153.975 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016092.D

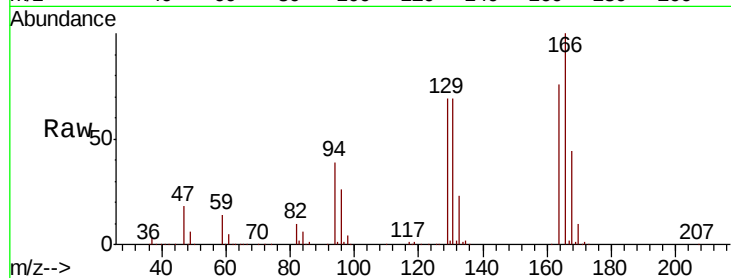
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Tot Ion:164 Resp: 538029

Ion Ratio Lower Upper

164 100

129 91.5 70.0 130.0

131 91.3 67.3 124.9

166 131.7 88.5 164.3

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

