

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016266.D
 Acq On : 20 Aug 2020 14:56
 Operator : SY/VA
 Sample : L3767-11
 Misc : 6.61G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ9

Quant Time: Aug 21 04:20:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	346239	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	90364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74876	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.76%
7) Chloroethane-d5	2.89	69	64212	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
10) 1,1-Dichloroethene-d2	4.02	63	128869	14.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.52%
20) 2-Butanone-d5	7.08	46	41483	36.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.44%
24) Chloroform-d	7.65	84	202584	21.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	8.31	65	102095	20.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.76%
29) Benzene-d6	8.28	84	383960	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	9.27	67	114708	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.72%
37) Toluene-d8	10.33	98	336689	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.84%
38) trans-1,3-Dichloropropene-	10.58	79	45427	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.88%
39) 2-Hexanone-d5	10.93	63	36901	46.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87788	23.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	74623	23.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.20%

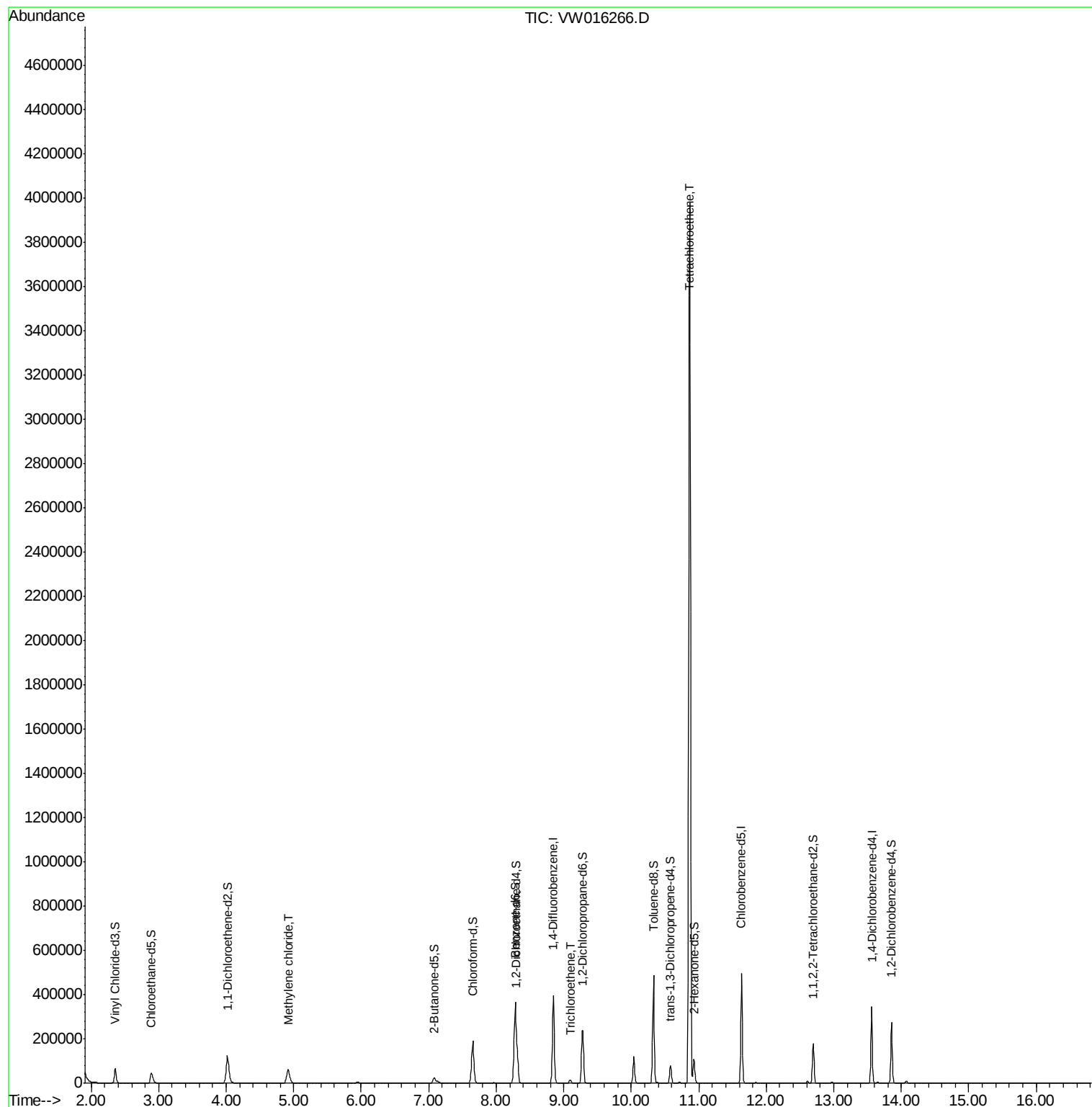
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	52126	9.534 ug/L	94
35) Trichloroethene	9.09	95	5142	1.153 ug/L	97
47) Tetrachloroethene	10.87	164	933410	279.176 ug/L	96

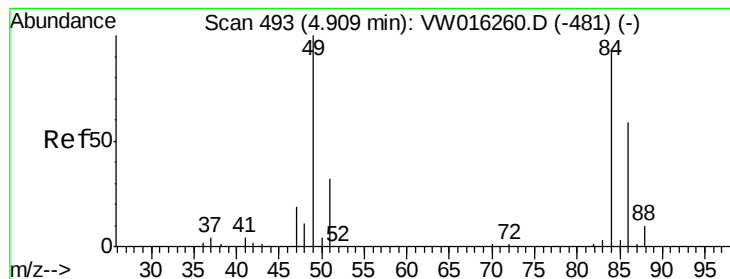
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 9.534 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 20 Aug 2020 14:56

Instrument :

MSVOA_W

ClientSampleId :

BFWQ9

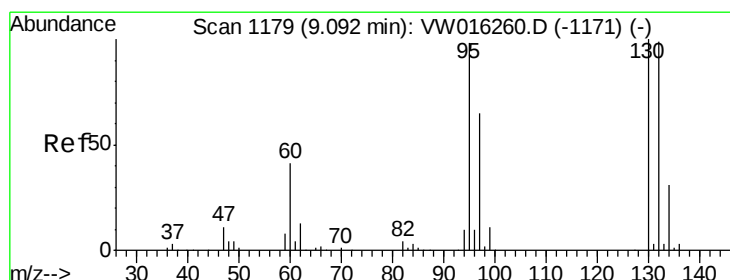
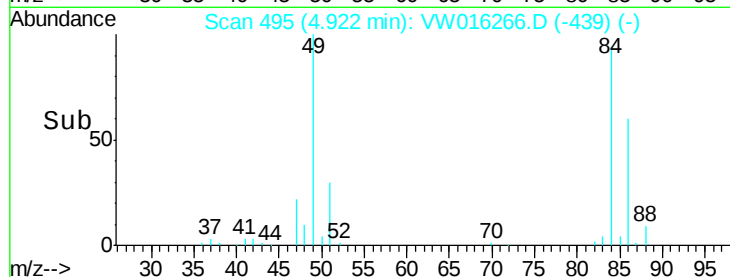
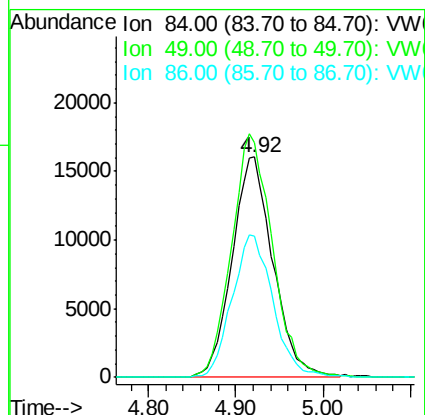
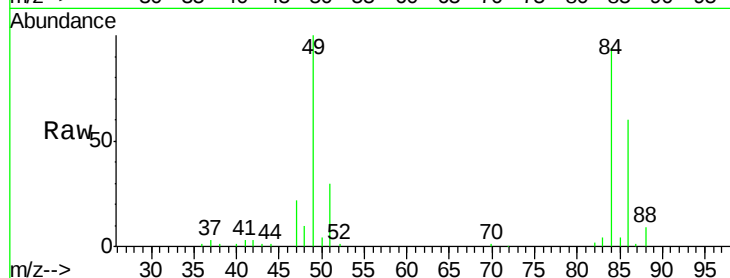
Tot Ion: 84 Resp: 52126

Ion Ratio Lower Upper

84 100

49 106.5 80.4 149.4

86 64.0 43.8 81.3



#35

Trichloroethene

Concen: 1.153 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

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Acq: 20 Aug 2020 14:56

Tgt Ion: 95 Resp: 5142

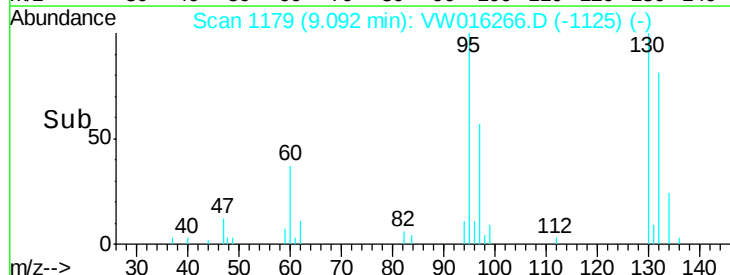
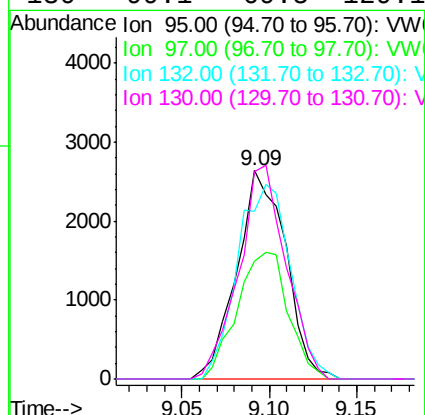
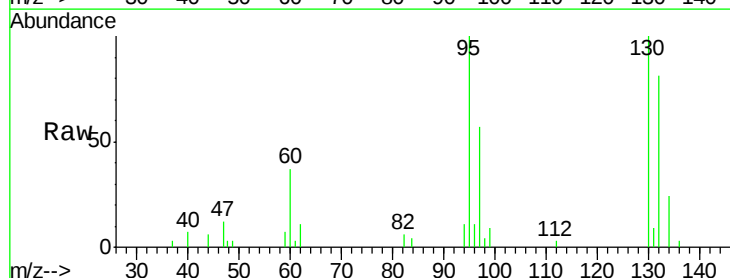
Ion Ratio Lower Upper

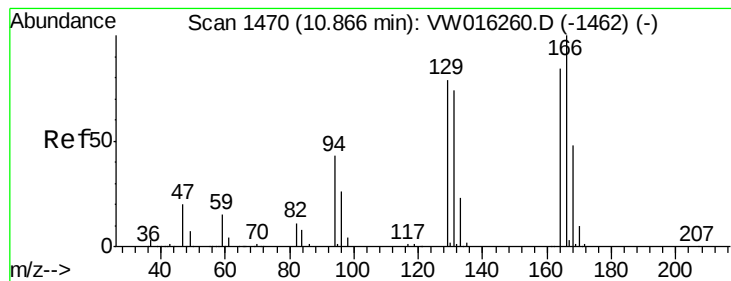
95 100

97 63.7 44.9 83.3

132 101.7 65.8 122.2

130 99.1 69.5 129.1

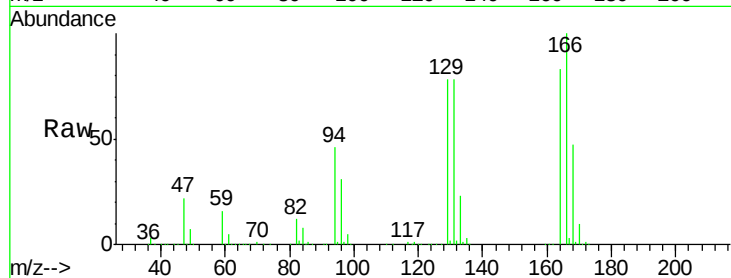




#47
Tetrachloroethene
Concen: 279.176 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
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Tot Ion:	164	Resp:	933410
Ion	Ratio	Lower	Upper
164	100		
129	93.8	71.5	132.9
131	93.7	65.4	121.4
166	120.1	86.9	161.5



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

