

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016091.D
 Acq On : 07 Aug 2020 23:42
 Operator : SY/VA
 Sample : L3579-13
 Misc : 6.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFS7

Quant Time: Aug 08 06:17:53 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	292115	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	217370	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	63414	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65526	15.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.60%
7) Chloroethane-d5	2.89	69	58351	17.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.72%
10) 1,1-Dichloroethene-d2	4.01	63	110022	13.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.80%
20) 2-Butanone-d5	7.08	46	47326	43.71	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.42%
24) Chloroform-d	7.65	84	176193	21.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.92%
26) 1,2-Dichloroethane-d4	8.31	65	94831	21.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.24%
29) Benzene-d6	8.27	84	324251	24.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.04%
33) 1,2-Dichloropropane-d6	9.27	67	102272	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
37) Toluene-d8	10.33	98	257019	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.76%
38) trans-1,3-Dichloropropene-	10.58	79	36725	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.88%
39) 2-Hexanone-d5	10.93	63	39613	59.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83039	27.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	60006	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%

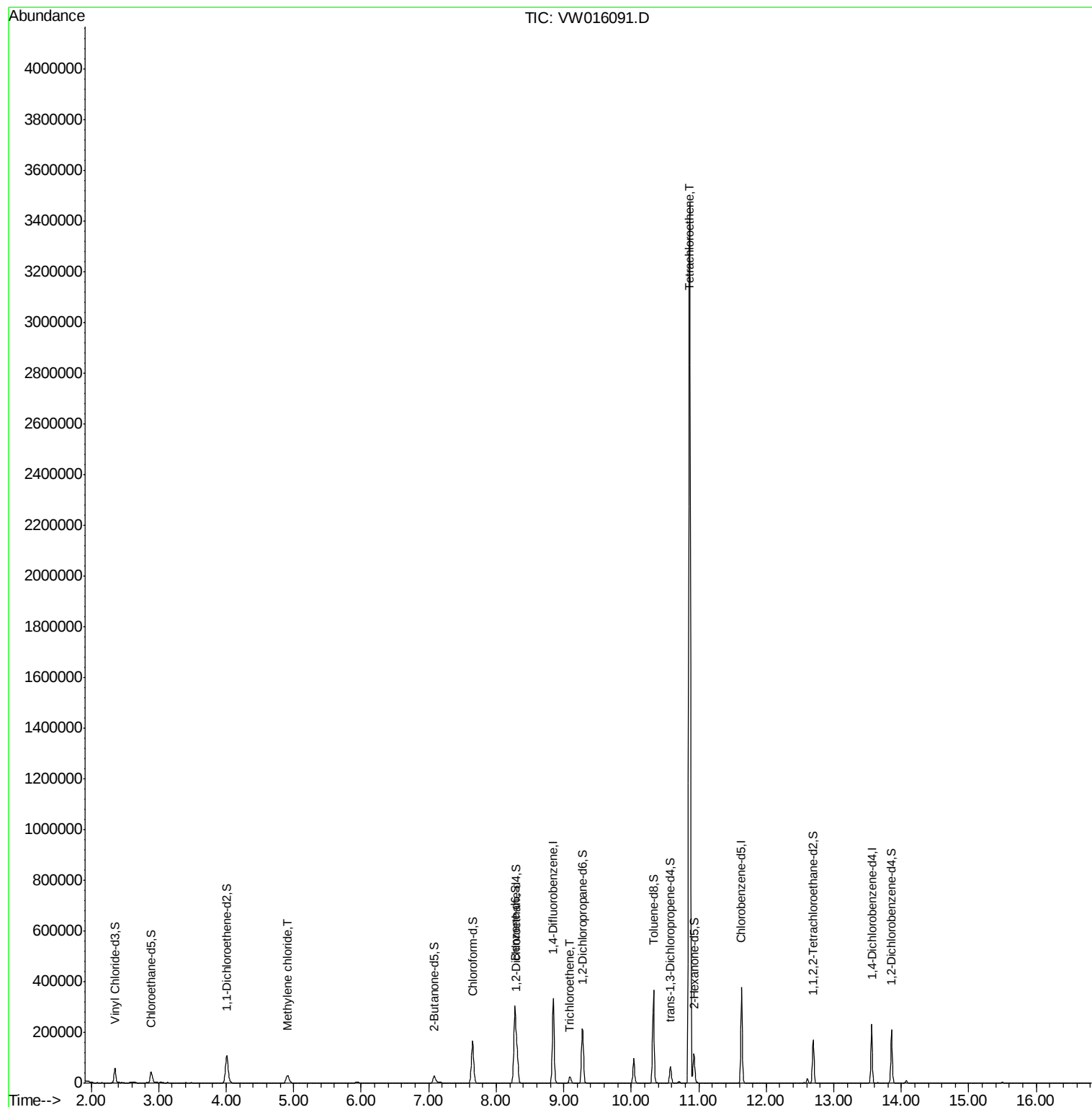
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	25289	5.283 ug/L	89
35) Trichloroethene	9.09	95	8427	2.413 ug/L	93
47) Tetrachloroethene	10.87	164	847395	312.596 ug/L	90

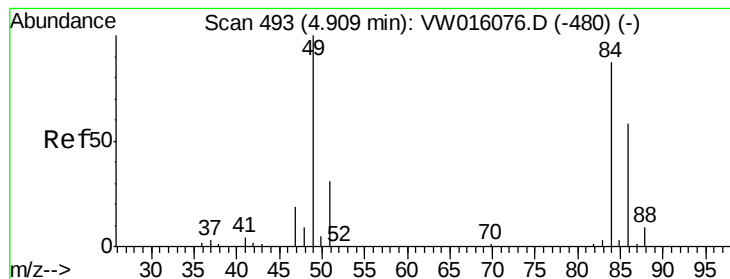
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 5.283 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

BFS7

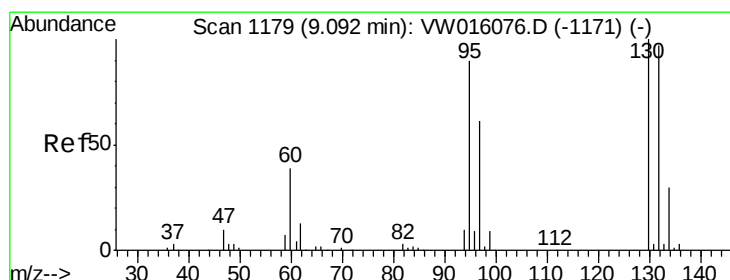
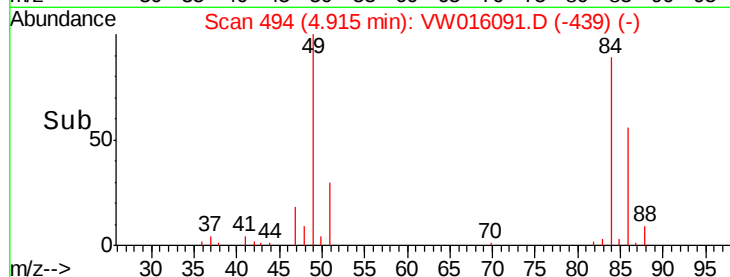
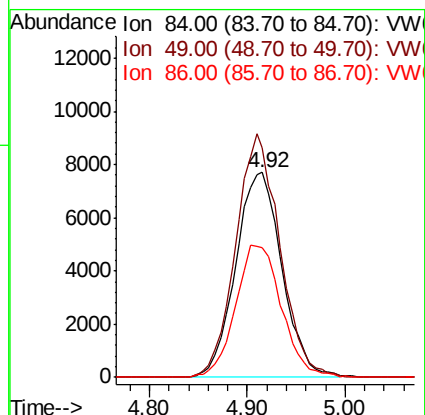
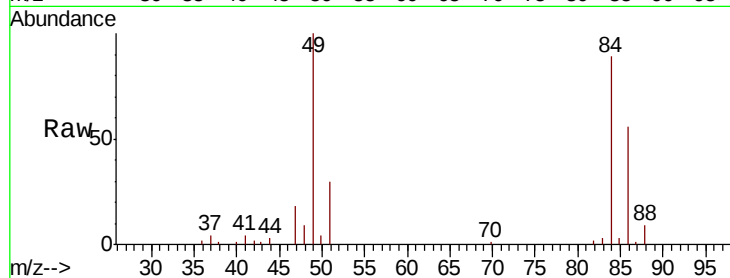
Tot Ion: 84 Resp: 25289

Ion Ratio Lower Upper

84 100

49 112.1 91.1 169.1

86 63.1 46.0 85.4



#35

Trichloroethene

Concen: 2.413 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

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Acq: 07 Aug 2020 23:42

Tgt Ion: 95 Resp: 8427

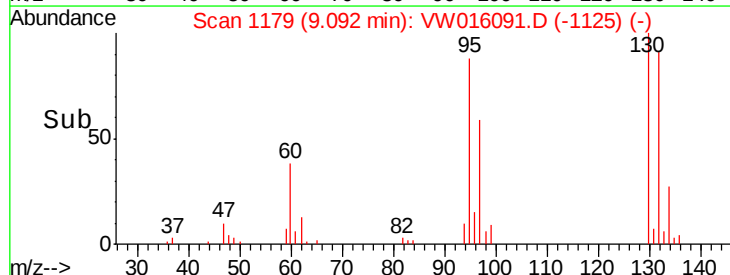
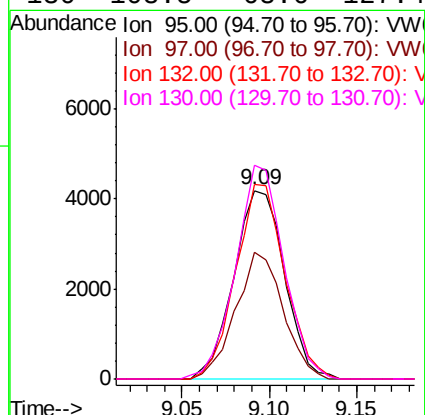
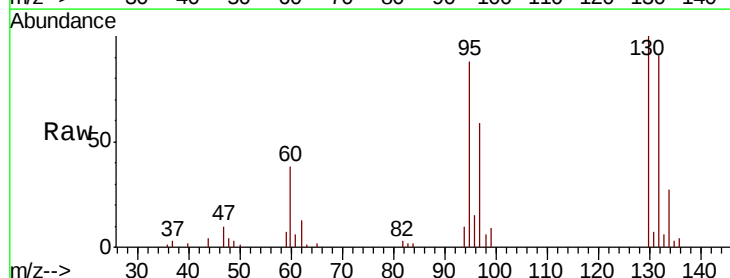
Ion Ratio Lower Upper

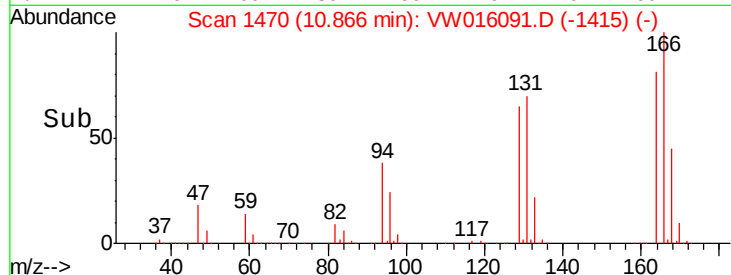
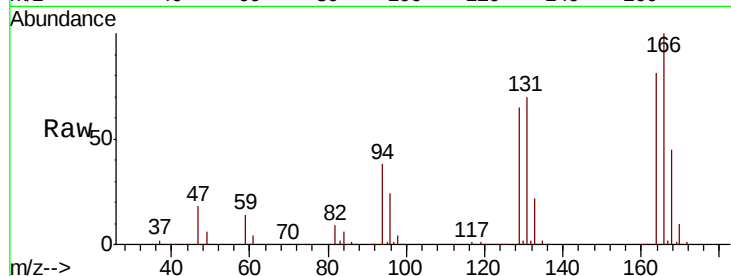
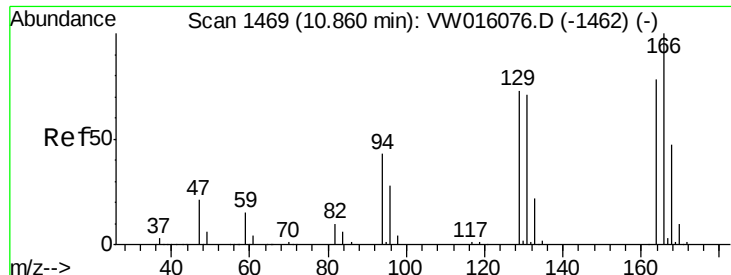
95 100

97 63.2 44.4 82.4

132 100.7 65.1 120.9

130 108.5 68.6 127.4





#47

Tetrachloroethene

Concen: 312.596 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

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Tot Ion:164 Resp: 847395

Ion Ratio Lower Upper

164 100

129 80.6 70.0 130.0

131 86.2 67.3 124.9

166 123.6 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

