

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080718\
 Data File : VW004518.D
 Acq On : 08 Aug 2018 02:47
 Operator : SY/AP
 Sample : J4313-11
 Misc : 3.38G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-10

Quant Time: Aug 08 07:43:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 05:39:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	349534	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334961	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	108956	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.32	65	310	0.07	ug/L	-0.04
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.28%#
7) Chloroethane-d5	2.89	69	61	0.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.08%#
10) 1,1-Dichloroethene-d2	3.74	63	46	0.01	ug/L	-0.27
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.00	46	44	0.02	ug/L	-0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.04%#
24) Chloroform-d	7.95	84	4515	0.48	ug/L	0.30
Spiked Amount	25.000	Range	40 - 150	Recovery	=	1.92%#
26) 1,2-Dichloroethane-d4	8.31	65	175058	33.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.72%#
29) Benzene-d6	8.29	84	229	0.01	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.04%#
33) 1,2-Dichloropropane-d6	9.38	67	55	0.01	ug/L	0.11
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.04%#
37) Toluene-d8	10.33	98	295842	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.32%
38) trans-1,3-Dichloropropene-	10.34	79	105	0.04	ug/L	-0.24
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.16%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	12.62	84	48	0.01	ug/L	-0.09
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.04%#
61) 1,2-Dichlorobenzene-d4	13.57	152	105785	25.85	ug/L	-0.29
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.40%

Target Compounds

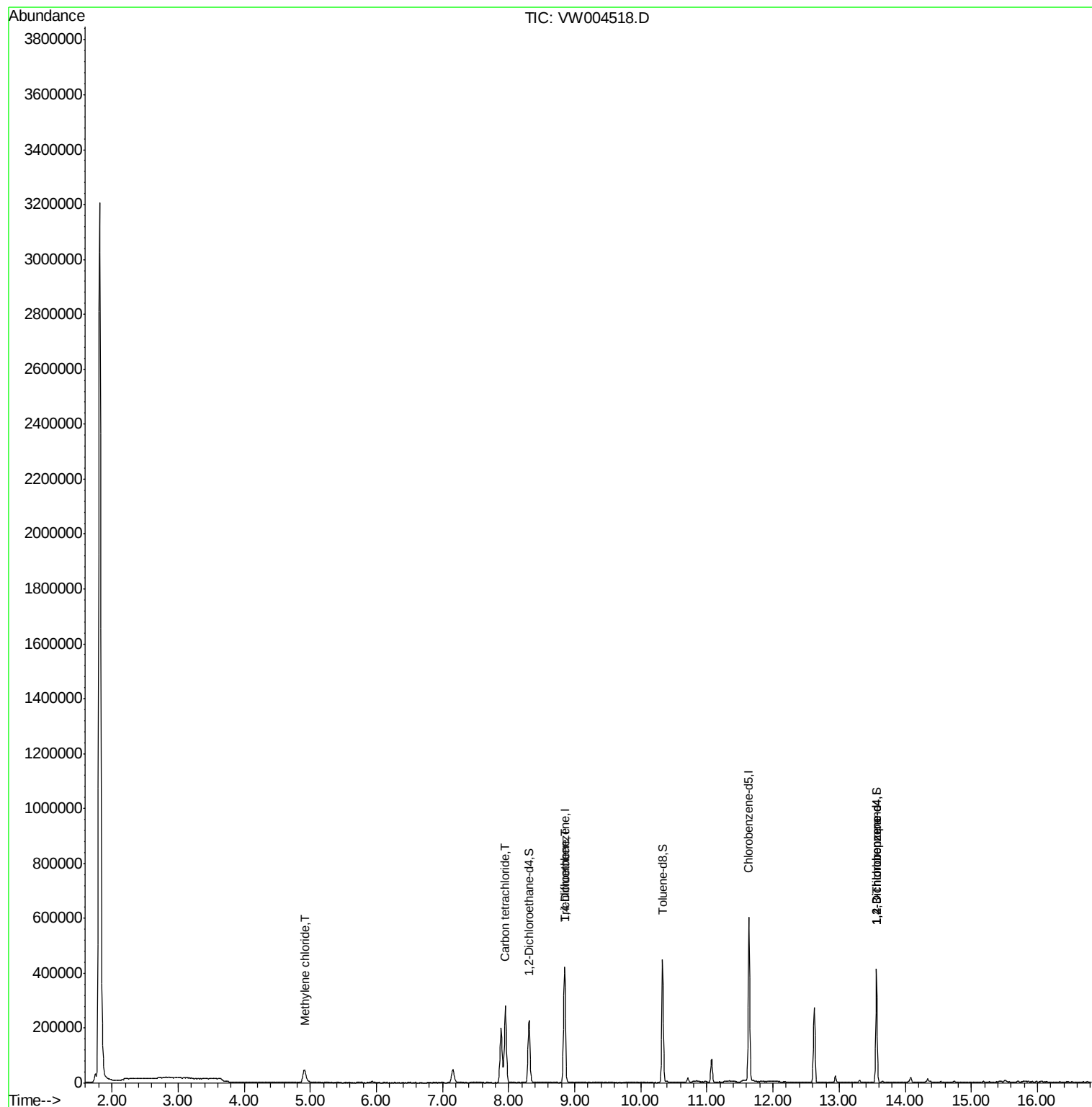
					Qvalue
16) Methylene chloride	4.91	84	39546	5.696	ug/L 99
32) Carbon tetrachloride	7.95	117	19700	2.872	ug/L # 5
35) Trichloroethene	8.85	95	10664	2.053	ug/L # 5
59) 1,2,3-Trichloropropane	13.56	75	13358	2.898	ug/L 93

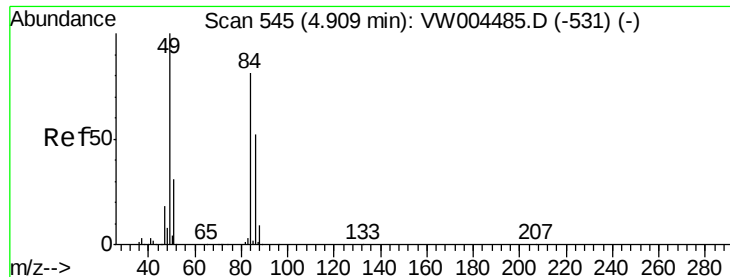
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 5.696 ug/L

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

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ClientSampleId :

C-10

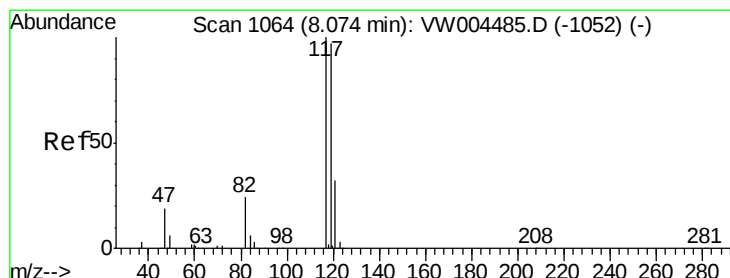
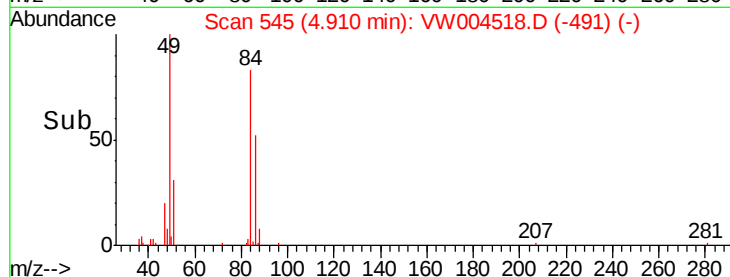
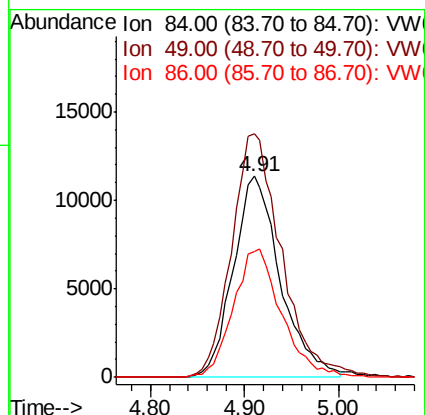
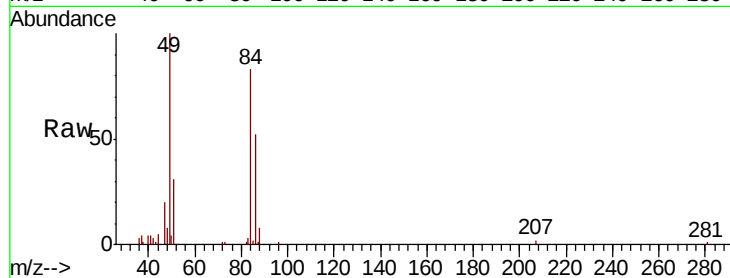
Tgt Ion: 84 Resp: 39546

Ion Ratio Lower Upper

84 100

49 121.2 86.0 159.6

86 62.7 43.5 80.9



#32

Carbon tetrachloride

Concen: 2.872 ug/L

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

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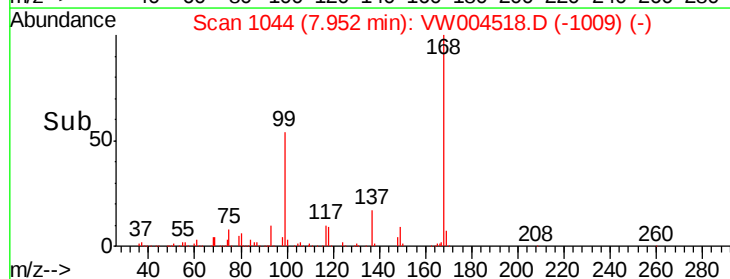
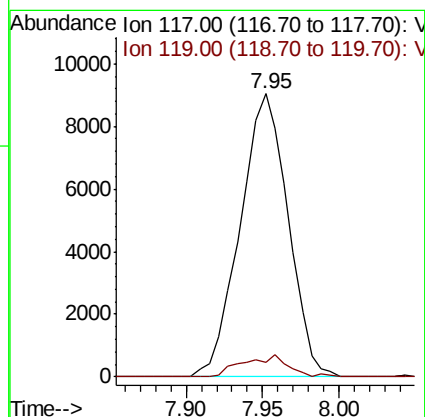
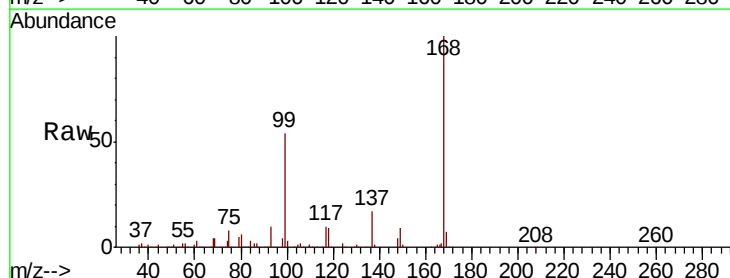
Acq: 08 Aug 2018 02:47

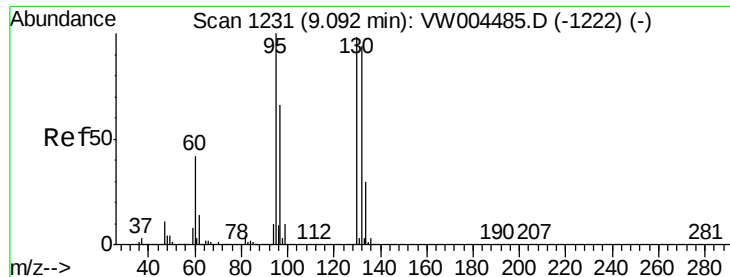
Tgt Ion: 117 Resp: 19700

Ion Ratio Lower Upper

117 100

119 2.8 76.5 114.7#





#35

Trichloroethene

Concen: 2.053 ug/L

RT: 8.85 min Scan# 1191

Delta R.T. -0.24 min

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Acq: 08 Aug 2018 02:47

Instrument :

MSVOA_W

ClientSampled :

C-10

Tgt Ion: 95 Resp: 10664

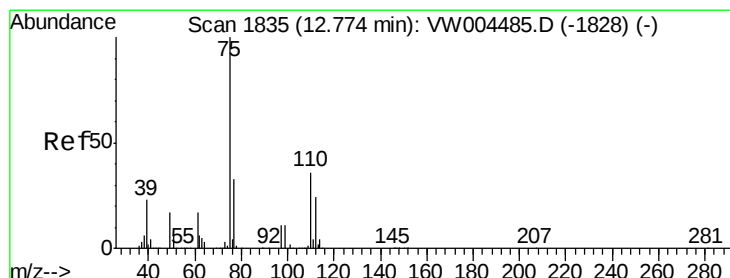
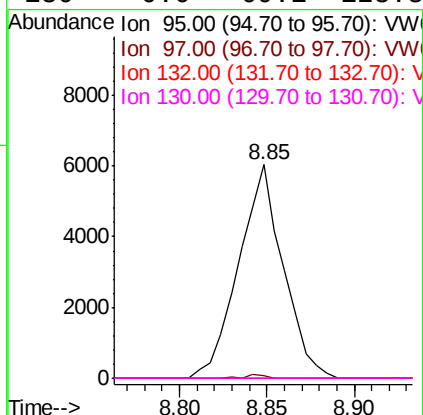
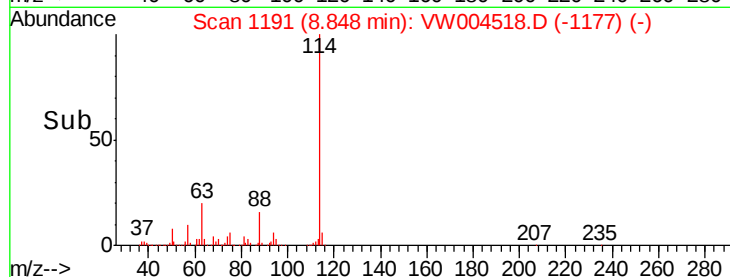
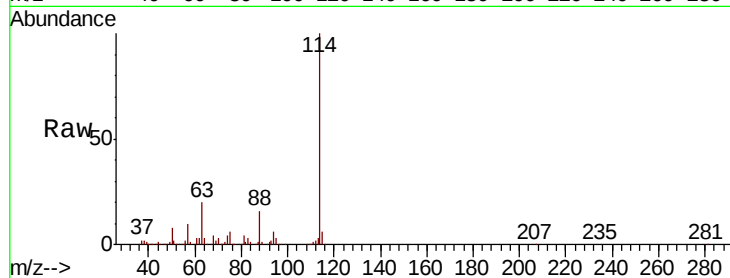
Ion Ratio Lower Upper

95 100

97 0.6 44.9 83.5#

132 0.0 67.6 125.6#

130 0.0 69.1 128.3#



#59

1,2,3-Trichloropropane

Concen: 2.898 ug/L

RT: 13.56 min Scan# 1964

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 13358

Ion Ratio Lower Upper

75 100

77 35.7 25.3 37.9

