

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005800.D
 Acq On : 03 Oct 2018 02:53
 Operator : SY/AP
 Sample : J5182-13
 Misc : 4.85G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC62

Quant Time: Oct 03 08:13:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	208995	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	234988	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	102577	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	38708	14.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.12%
7) Chloroethane-d5	2.90	69	35025	16.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.40%
10) 1,1-Dichloroethene-d2	4.01	63	72093	12.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.56%
20) 2-Butanone-d5	7.09	46	38242	44.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.42%
24) Chloroform-d	7.65	84	125920	23.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	8.31	65	81854	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.68%
29) Benzene-d6	8.28	84	209374	18.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.00%
33) 1,2-Dichloropropane-d6	9.28	67	69066	20.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.16%
37) Toluene-d8	10.33	98	203806	17.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.00%
38) trans-1,3-Dichloropropene-	10.58	79	32823	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.36%
39) 2-Hexanone-d5	10.93	63	30753	39.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75663	23.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	93836	25.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.40%

Target Compounds

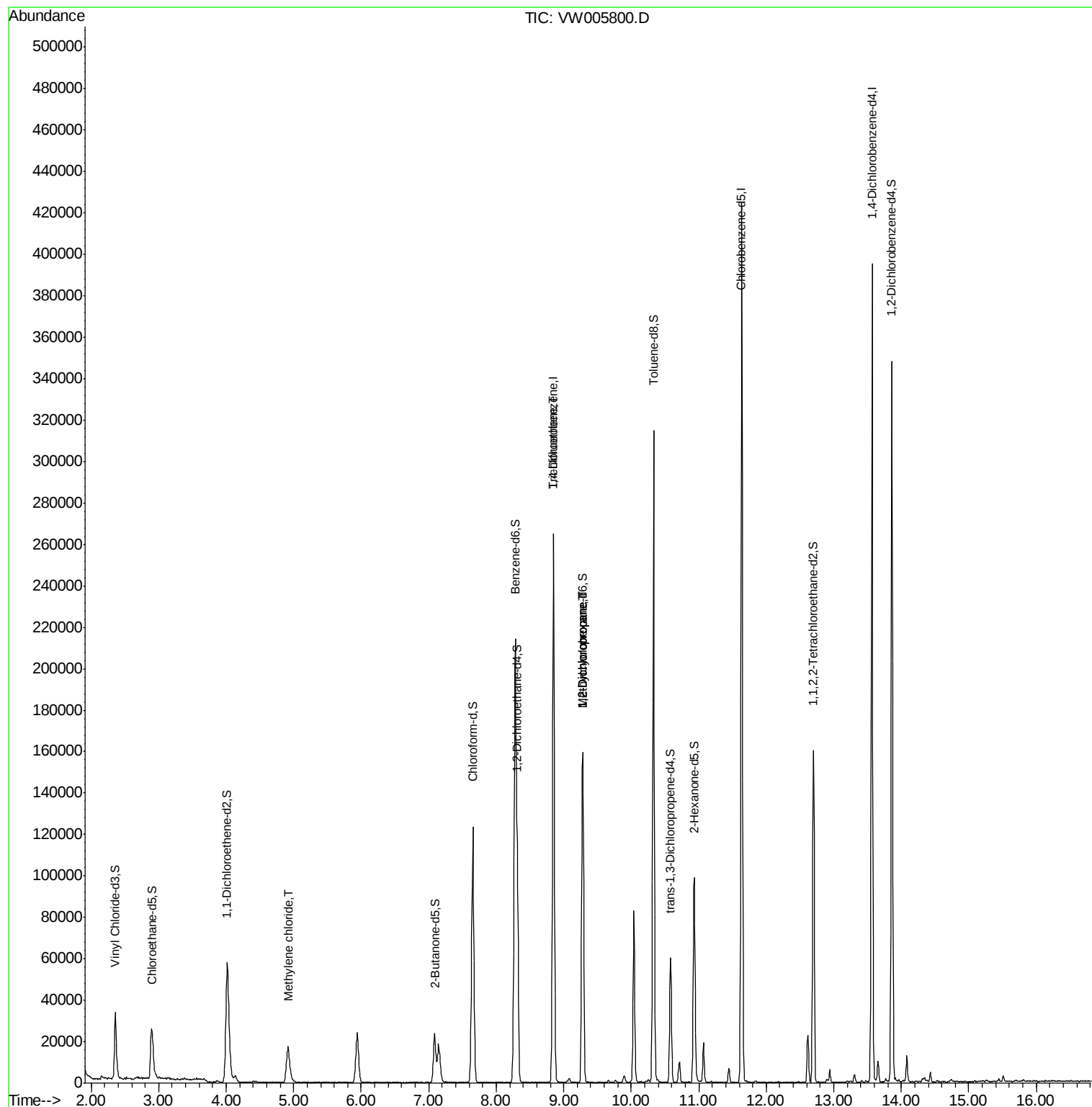
					Qvalue
16) Methylene chloride	4.92	84	13815	4.009 ug/L	90
35) Trichloroethene	8.85	95	6856	1.930 ug/L #	5
36) Methylcyclohexane	9.28	83	18046	2.922 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	9007	2.784 ug/L #	87

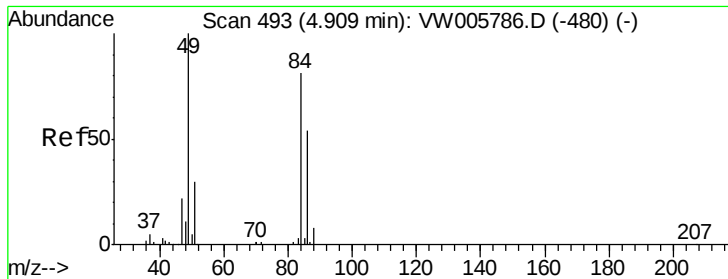
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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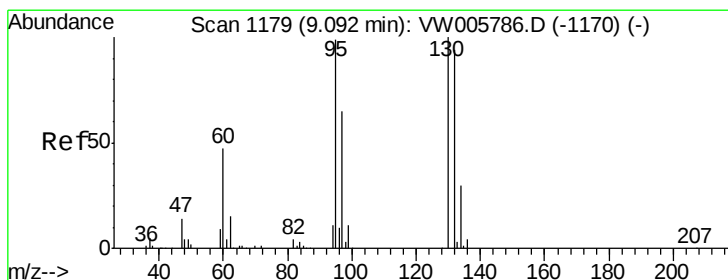
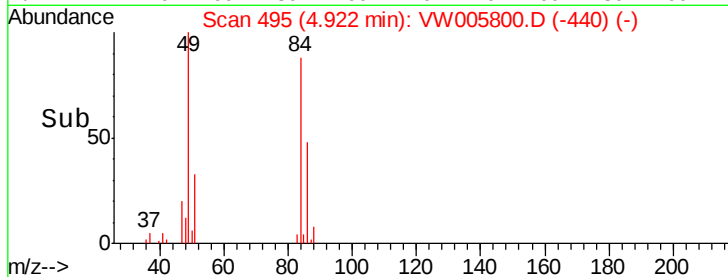
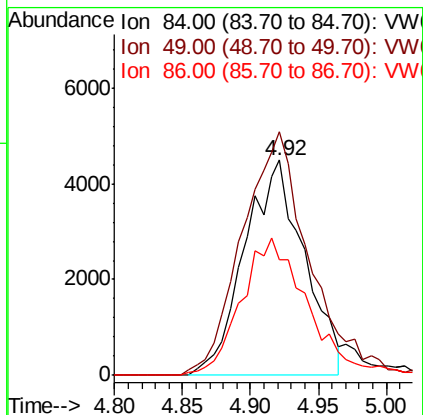
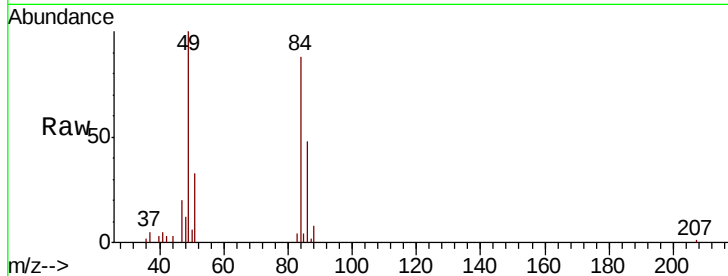




#16
Methylene chloride
Concen: 4.009 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW005800.D
Acq: 03 Oct 2018 02:53

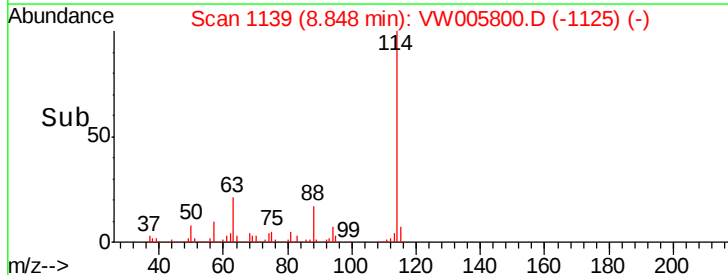
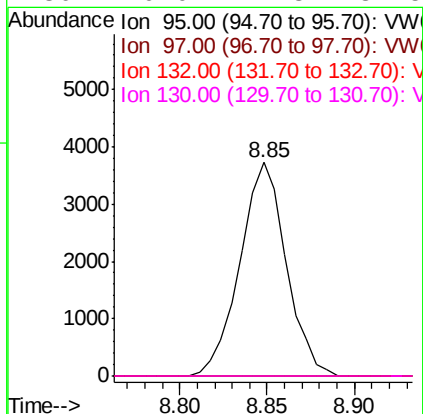
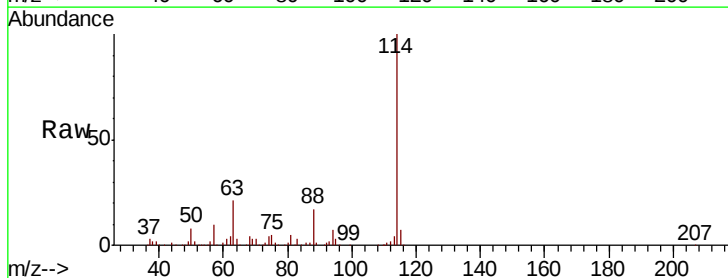
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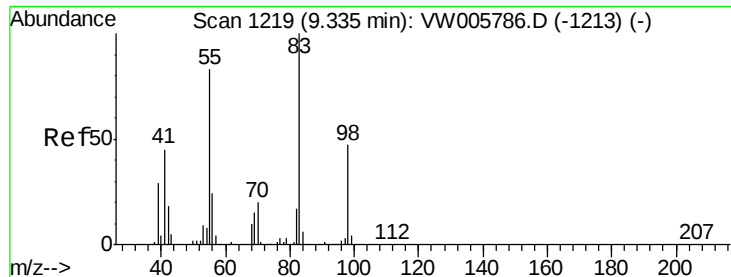
Tgt Ion: 84 Resp: 13815
Ion Ratio Lower Upper
84 100
49 113.1 87.2 162.0
86 53.9 43.2 80.2



#35
Trichloroethene
Concen: 1.930 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW005800.D
Acq: 03 Oct 2018 02:53

Tgt Ion: 95 Resp: 6856
Ion Ratio Lower Upper
95 100
97 0.0 45.2 84.0#
132 0.0 68.0 126.4#
130 0.0 71.3 132.5#

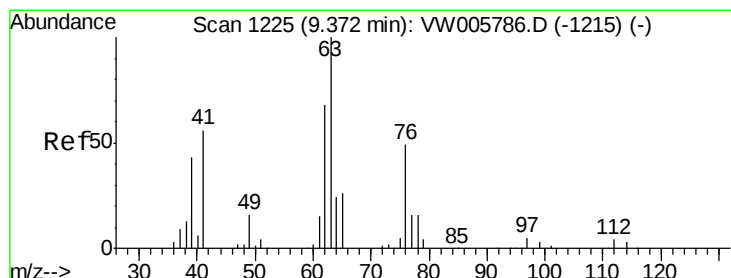
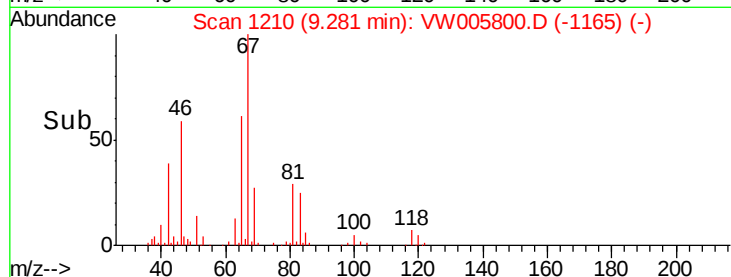
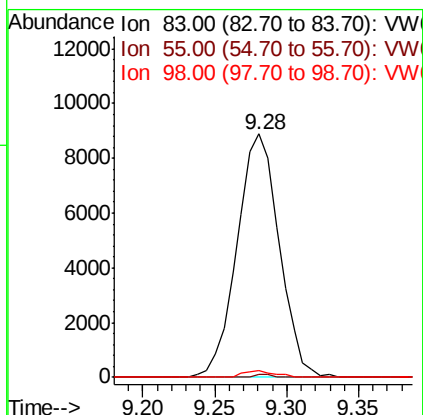
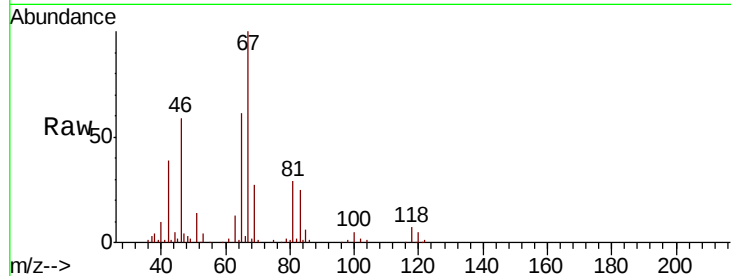




#36
Methylcyclohexane
Concen: 2.922 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
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Tgt Ion: 83 Resp: 18046
Ion Ratio Lower Upper
83 100
55 0.4 62.5 93.7#
98 1.9 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 2.784 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW005800.D
Acq: 03 Oct 2018 02:53

Tgt Ion: 63 Resp: 9007
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

