

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\
 Data File : VW005814.D
 Acq On : 03 Oct 2018 15:03
 Operator : SY/AP
 Sample : J5080-19
 Misc : 3.88G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:17:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	216137	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	190288	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	54336	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	38456	13.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.84%
7) Chloroethane-d5	2.90	69	34806	16.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.76%
10) 1,1-Dichloroethene-d2	4.01	63	69908	11.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.48%
20) 2-Butanone-d5	7.09	46	28741	32.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.98%
24) Chloroform-d	7.65	84	122708	22.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	8.31	65	71287	21.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.80%
29) Benzene-d6	8.27	84	199214	21.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.60%
33) 1,2-Dichloropropane-d6	9.28	67	60292	22.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.56%
37) Toluene-d8	10.33	98	172051	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.00%
38) trans-1,3-Dichloropropene-	10.58	79	26345	18.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.68%
39) 2-Hexanone-d5	10.93	63	21121	33.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	49702	18.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	42317	22.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.04%

Target Compounds

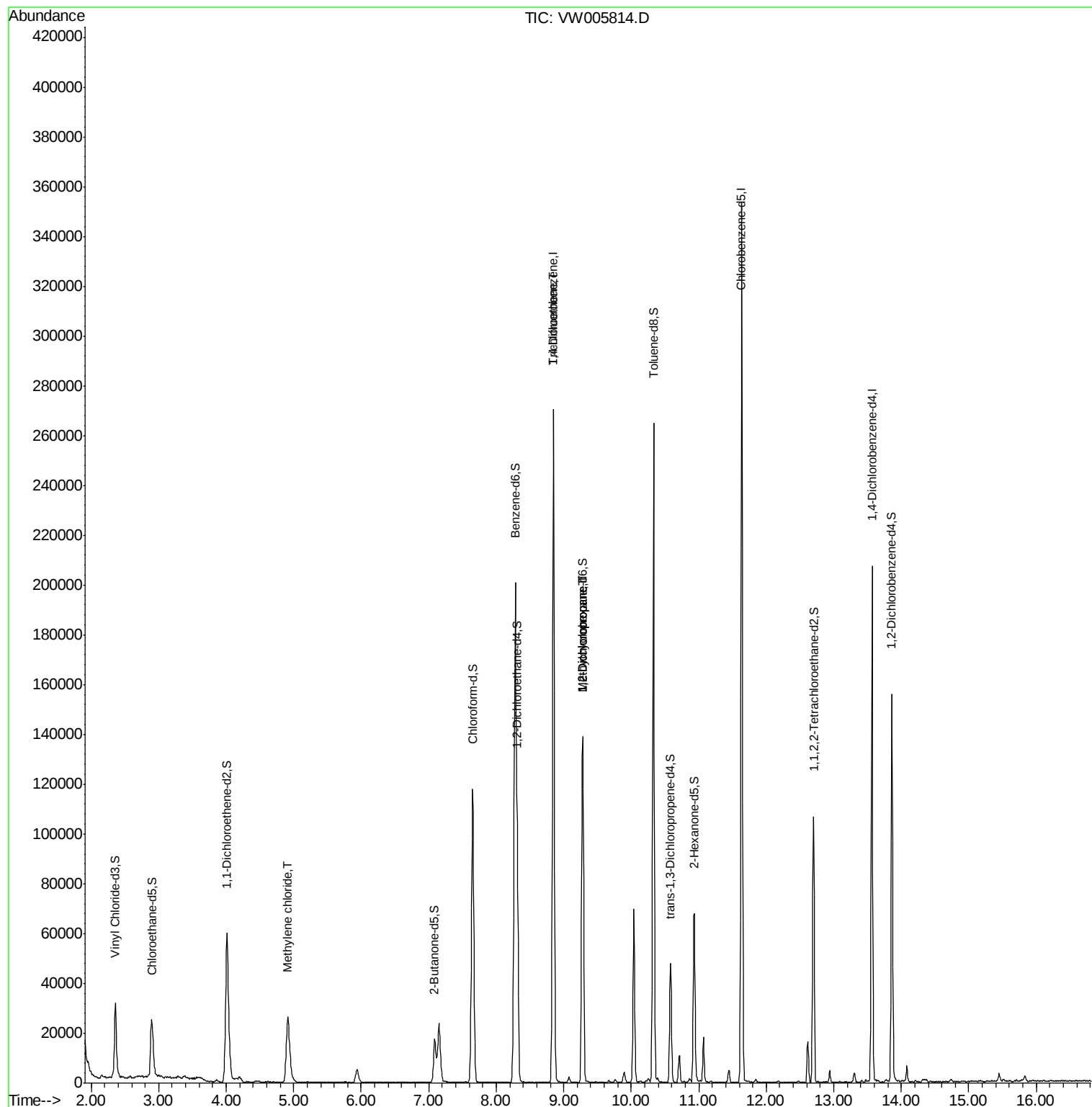
					Ovalue
16) Methylene chloride	4.92	84	22739	6.381 ug/L	96
35) Trichloroethene	8.85	95	7094	2.466 ug/L #	5
36) Methylcyclohexane	9.28	83	15334	3.066 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	7798	2.976 ug/L #	89

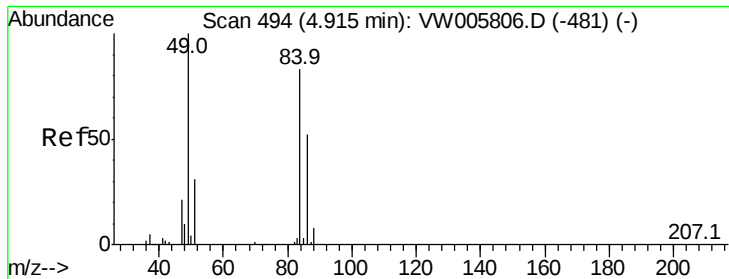
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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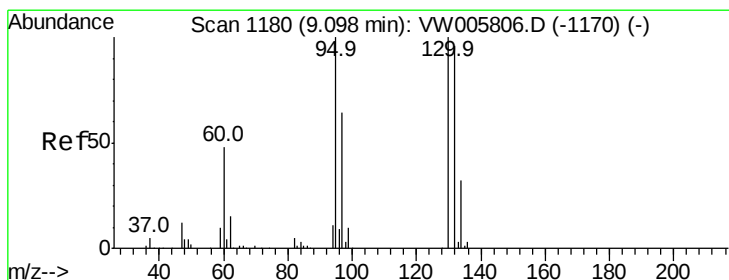
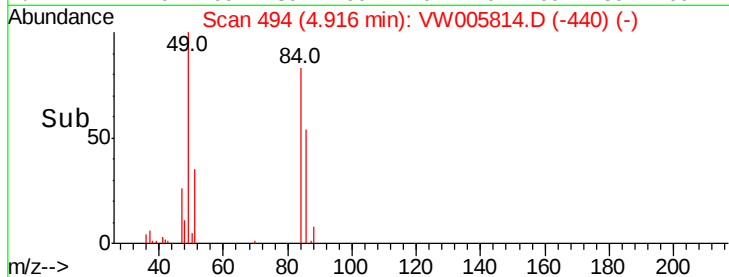
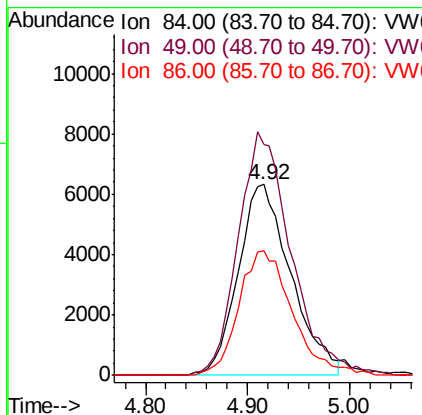
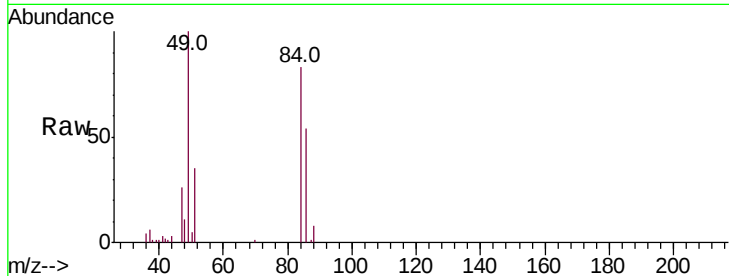




#16
Methylene chloride
Concen: 6.381 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005814.D
Acq: 03 Oct 2018 15:03

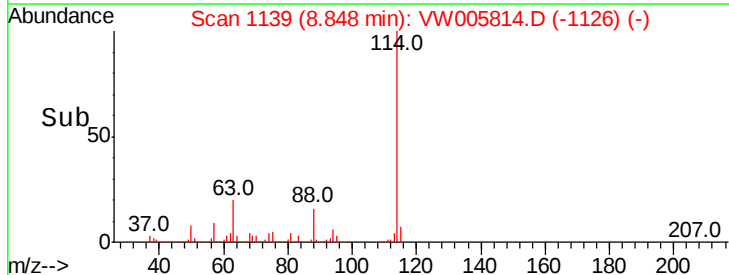
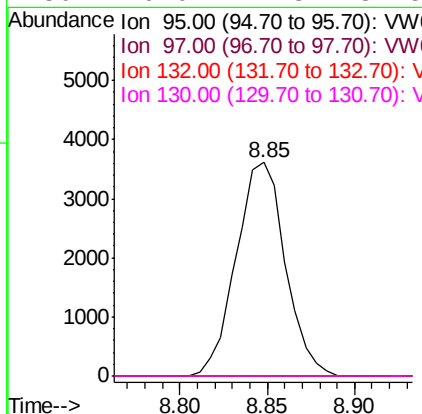
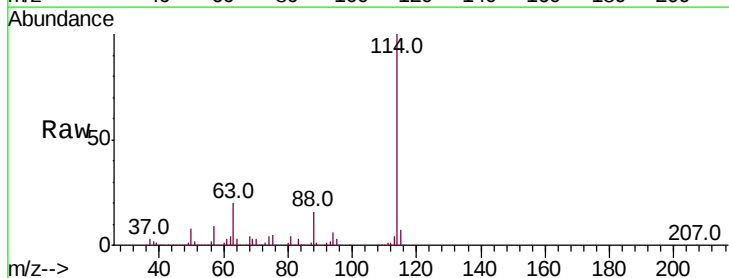
Instrument :
MSVOA_W
ClientSampled :

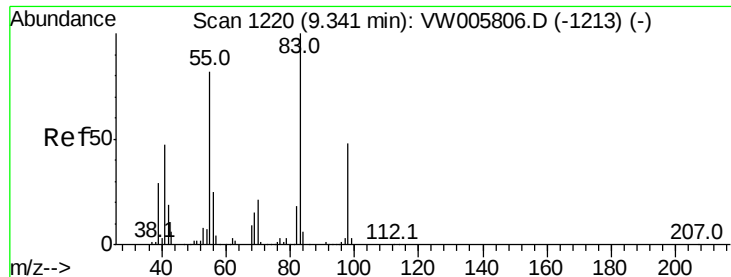
Tot Ion: 84 Resp: 22739
Ion Ratio Lower Upper
84 100
49 120.8 87.2 162.0
86 65.0 43.2 80.2



#35
Trichloroethene
Concen: 2.466 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW005814.D
Acq: 03 Oct 2018 15:03

Tgt Ion: 95 Resp: 7094
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#

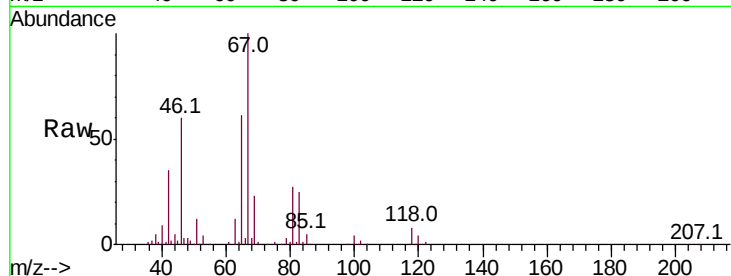




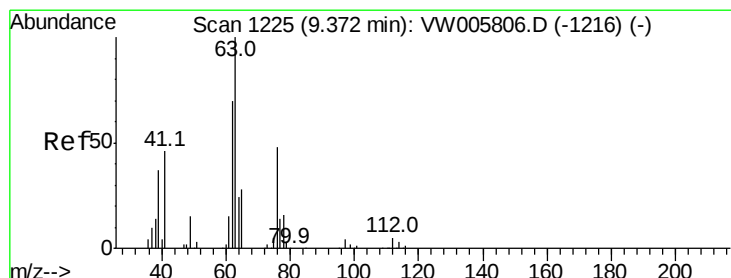
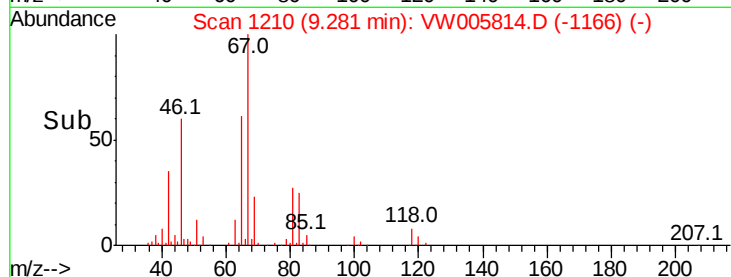
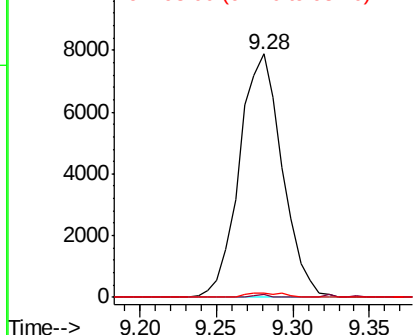
#36
Methylcyclohexane
Concen: 3.066 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005814.D
Acq: 03 Oct 2018 15:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 15334
Ion Ratio Lower Upper
83 100
55 0.4 62.5 93.7#
98 1.5 37.7 56.5#

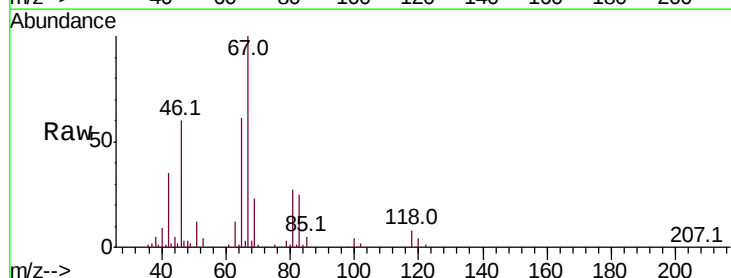


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW



#40
1,2-Dichloropropane
Concen: 2.976 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW005814.D
Acq: 03 Oct 2018 15:03

Tgt Ion: 63 Resp: 7798
Ion Ratio Lower Upper
63 100
112 0.6 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V

