

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005761.D
 Acq On : 02 Oct 2018 03:40
 Operator : SY/AP
 Sample : J5181-08
 Misc : 3.56G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:21:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	274618	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	238607	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	82437	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	46275	13.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.88%
7) Chloroethane-d5	2.89	69	41606	15.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.92%
10) 1,1-Dichloroethene-d2	4.01	63	84926	11.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.44%#
20) 2-Butanone-d5	7.09	46	30109	26.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.58%
24) Chloroform-d	7.65	84	149192	21.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	8.31	65	91514	21.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.68%
29) Benzene-d6	8.28	84	257189	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.27	67	86440	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.28%
37) Toluene-d8	10.33	98	213560	18.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.24%
38) trans-1,3-Dichloropropene-	10.59	79	32176	17.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.76%
39) 2-Hexanone-d5	10.93	63	17901	22.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.78%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	69919	21.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	60590	20.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.08%

Target Compounds

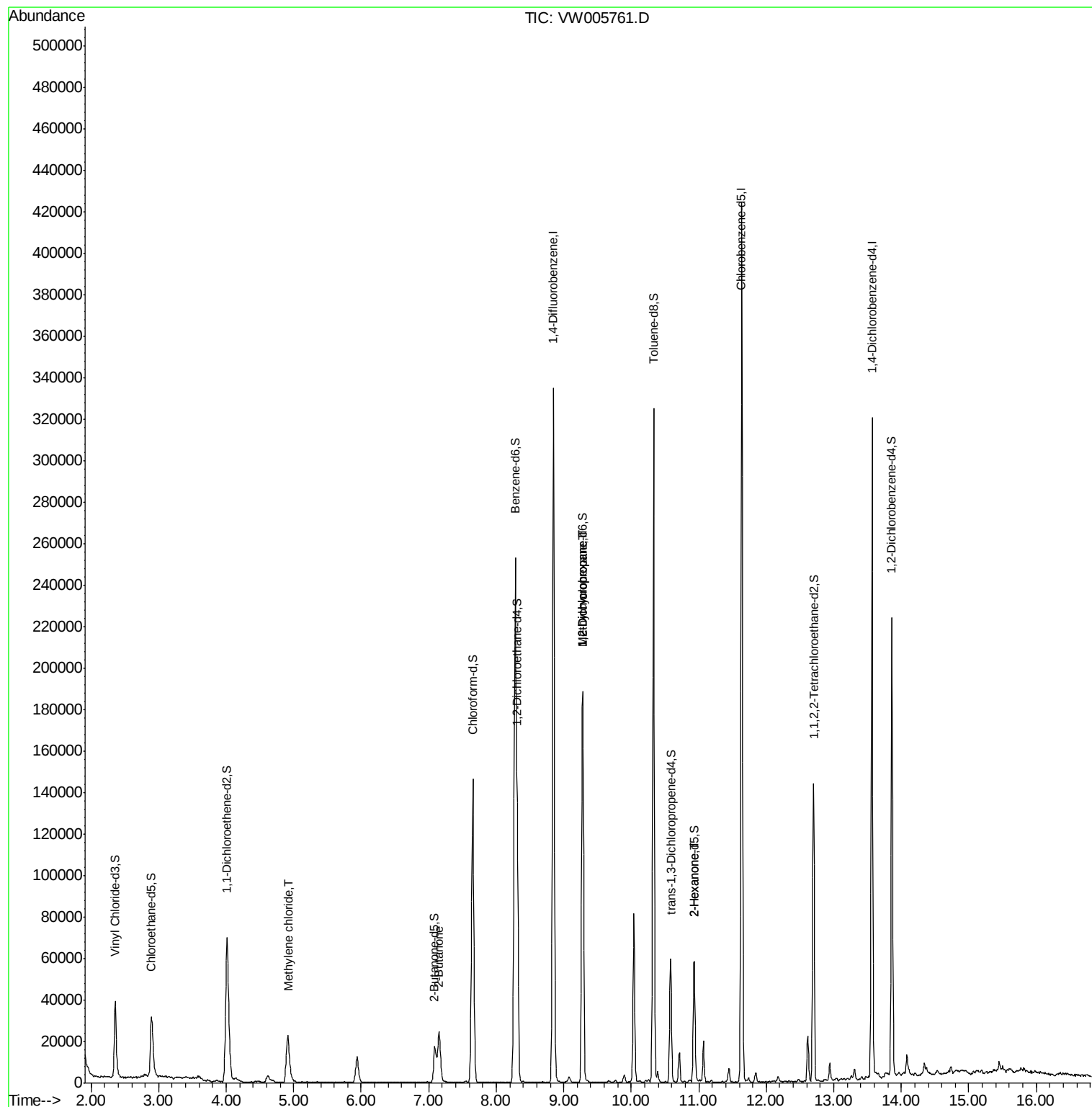
					Ovalue
16) Methylene chloride	4.91	84	18131	4.004 ug/L	96
21) 2-Butanone	7.15	43	3291	2.348 ug/L #	54
36) Methylcyclohexane	9.28	83	21611	3.446 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	10286	3.131 ug/L #	87
49) 2-Hexanone	10.93	43	3656	1.942 ug/L #	68

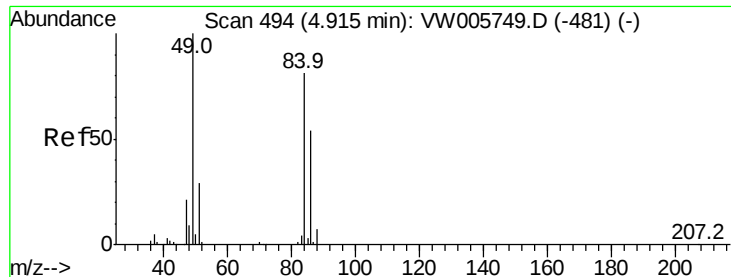
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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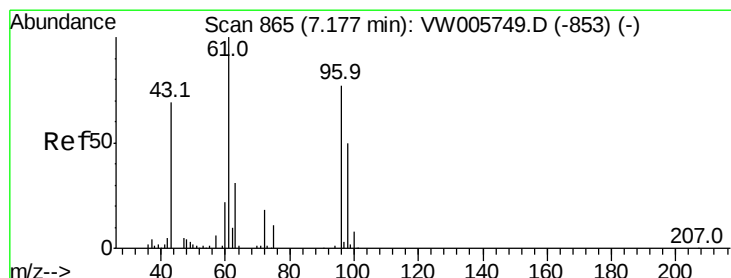
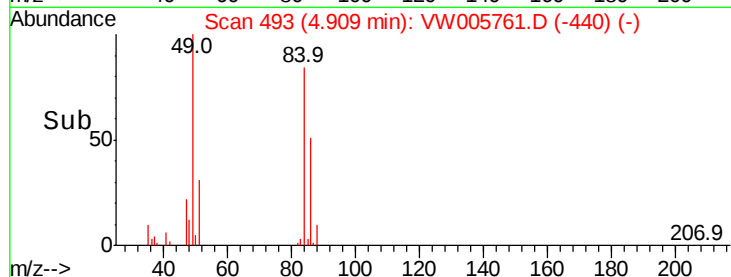
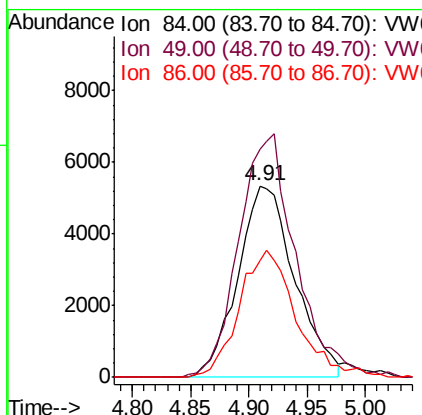
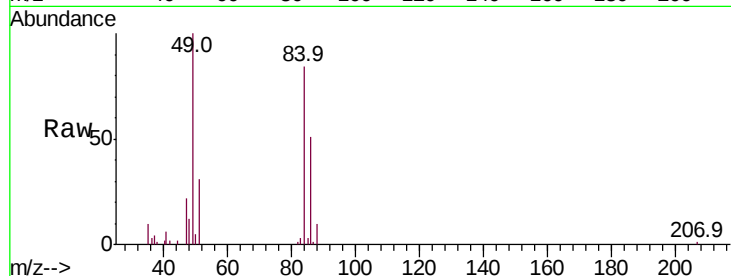




#16
Methylene chloride
Concen: 4.004 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005761.D
Acq: 02 Oct 2018 03:40

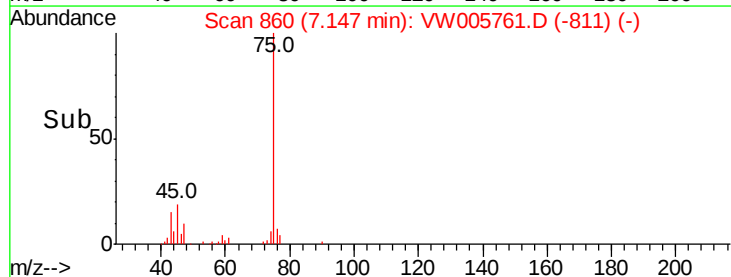
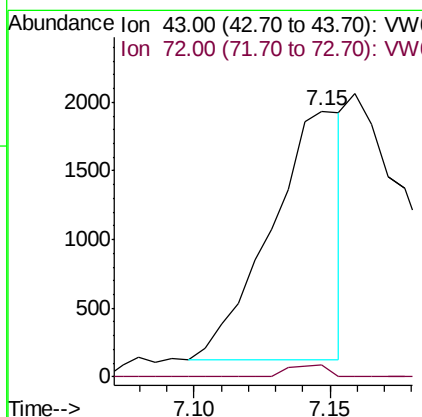
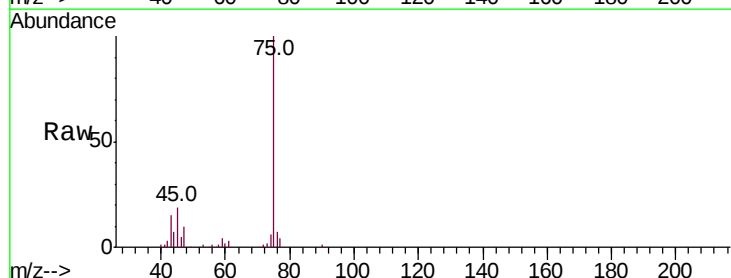
Instrument :
MSVOA_W
ClientSampleId :

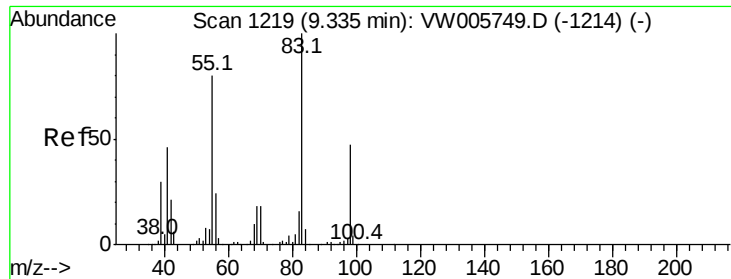
Tot Ion: 84 Resp: 18131
Ion Ratio Lower Upper
84 100
49 118.9 87.2 162.0
86 61.2 43.2 80.2



#21
2-Butanone
Concen: 2.348 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005761.D
Acq: 02 Oct 2018 03:40

Tgt Ion: 43 Resp: 3291
Ion Ratio Lower Upper
43 100
72 2.6 13.2 39.6#

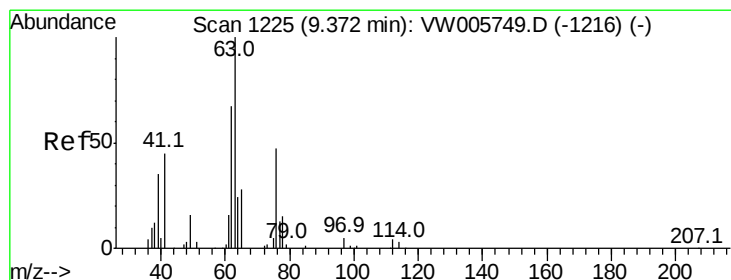
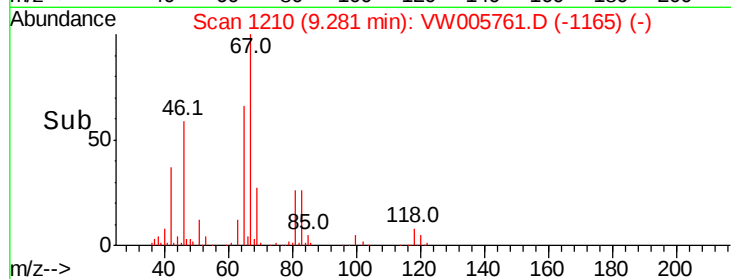
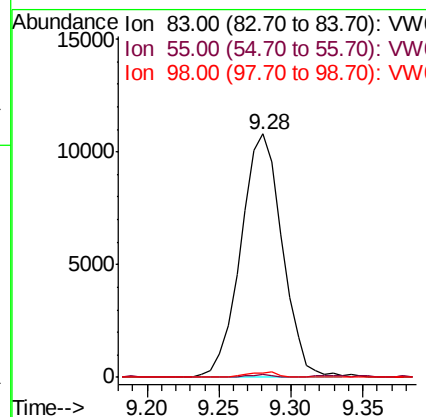
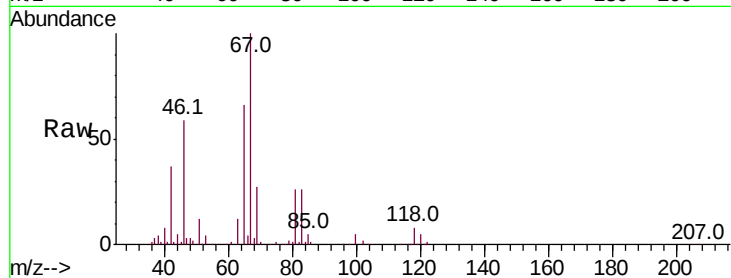




#36
Methylcyclohexane
Concen: 3.446 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW005761.D
Acq: 02 Oct 2018 03:40

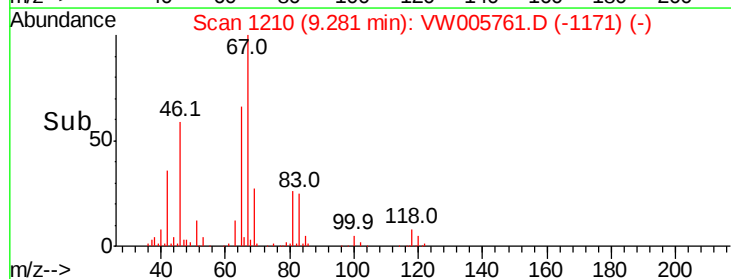
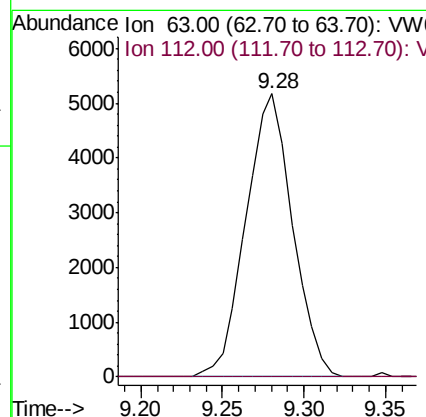
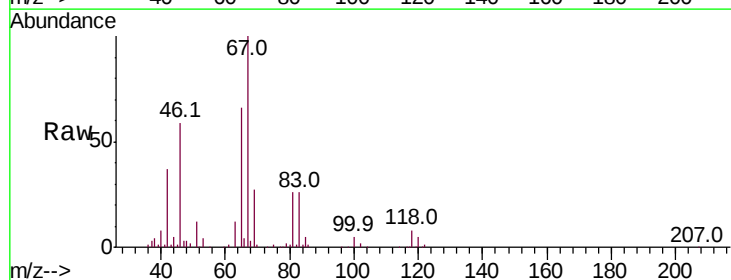
Instrument :
MSVOA_W
ClientSampled :

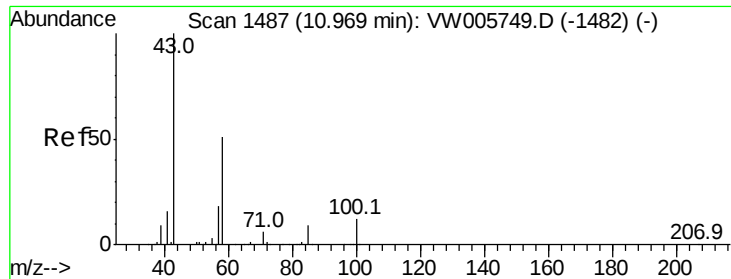
Tot Ion: 83 Resp: 21611
Ion Ratio Lower Upper
83 100
55 0.6 62.5 93.7#
98 1.4 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 3.131 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW005761.D
Acq: 02 Oct 2018 03:40

Tgt Ion: 63 Resp: 10286
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#49

2-Hexanone

Concen: 1.942 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW005761.D

Acq: 02 Oct 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 3656

Ion Ratio Lower Upper

43 100

58 25.1 42.0 63.0#

57 26.1 15.7 23.5#

100 0.0 9.7 14.5#

