

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005795.D
 Acq On : 03 Oct 2018 00:44
 Operator : SY/AP
 Sample : J5182-08
 Misc : 2.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC57

Quant Time: Oct 03 09:17:08 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	210866	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	156514	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	41888	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	44300	16.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.92%
7) Chloroethane-d5	2.89	69	43382	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.76%
10) 1,1-Dichloroethene-d2	4.01	63	75697	12.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.60%
20) 2-Butanone-d5	7.10	46	7880	9.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.26%#
24) Chloroform-d	7.65	84	151779	28.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.08%
26) 1,2-Dichloroethane-d4	8.31	65	91213	27.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.20%
29) Benzene-d6	8.27	84	215829	27.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.44%
33) 1,2-Dichloropropane-d6	9.28	67	81654	36.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.84%#
37) Toluene-d8	10.33	98	158708	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.00%
38) trans-1,3-Dichloropropene-	10.58	79	20019	17.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.08%
39) 2-Hexanone-d5	10.93	63	3062	5.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.68%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	55917	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	36280	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

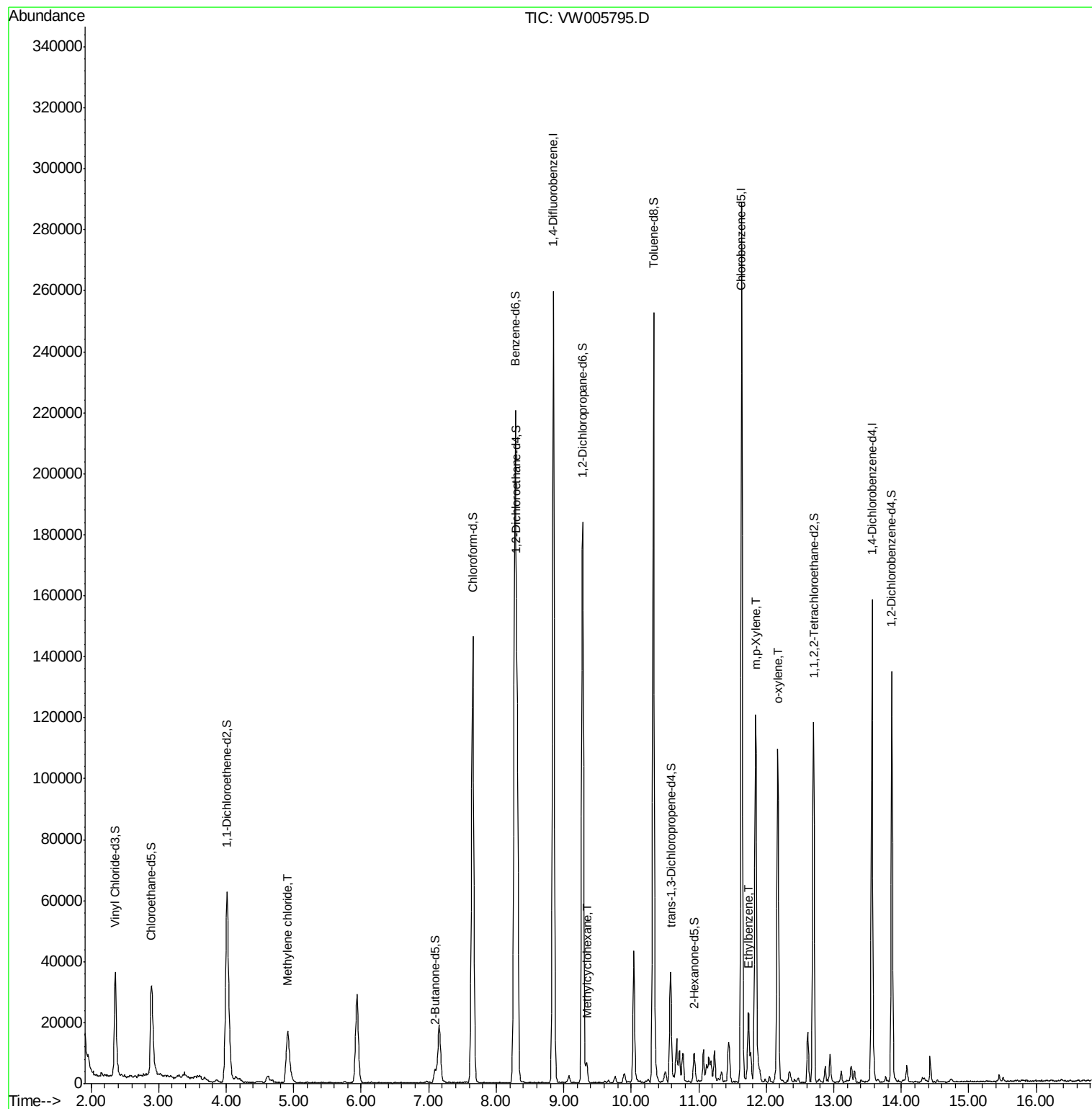
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	14415	4.146	ug/L	94
36) Methylcyclohexane	9.34	83	2096	0.509	ug/L	87
53) Ethylbenzene	11.74	91	14049	1.242	ug/L	95
54) m,p-Xylene	11.84	106	34743	8.150	ug/L	94
55) o-xylene	12.17	106	27085	6.741	ug/L	94

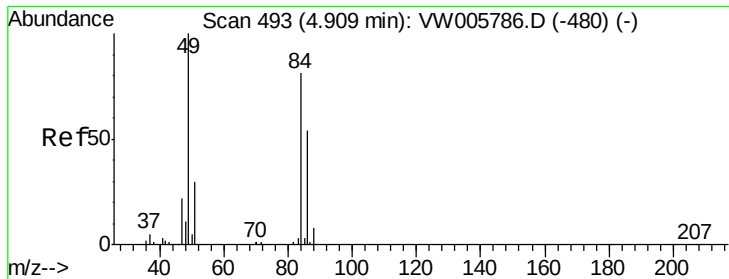
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 03 09:17:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 03 08:01:39 2018
Response via : Initial Calibration

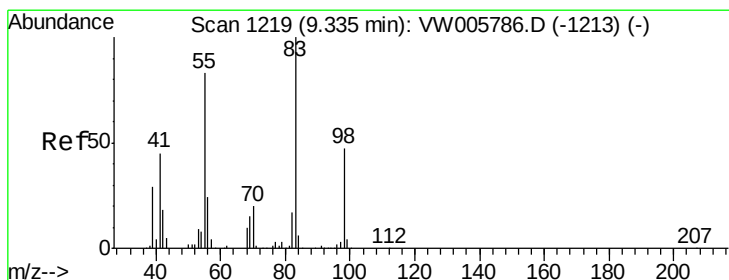
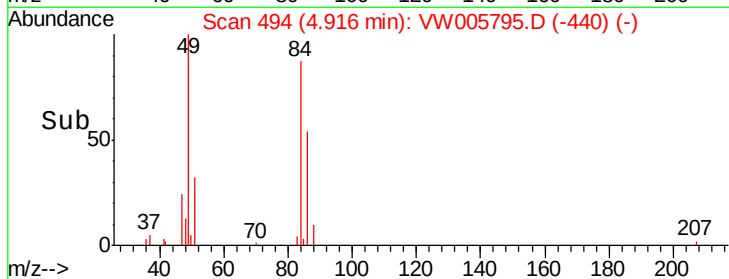
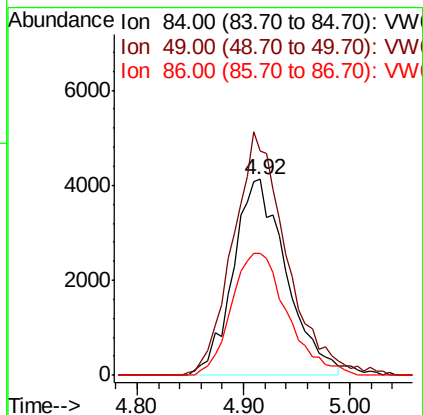
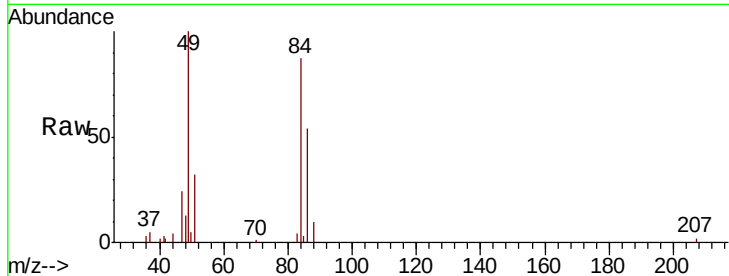




#16
Methylene chloride
Concen: 4.146 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005795.D
Acq: 03 Oct 2018 00:44

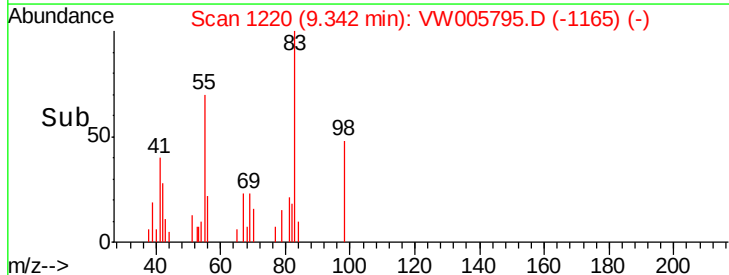
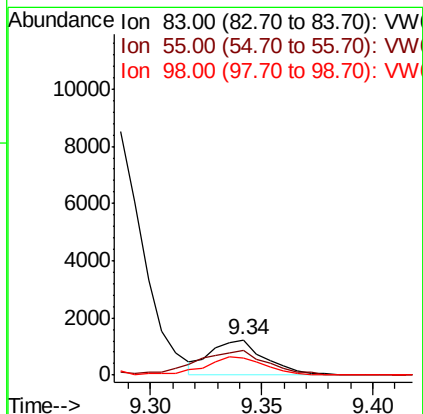
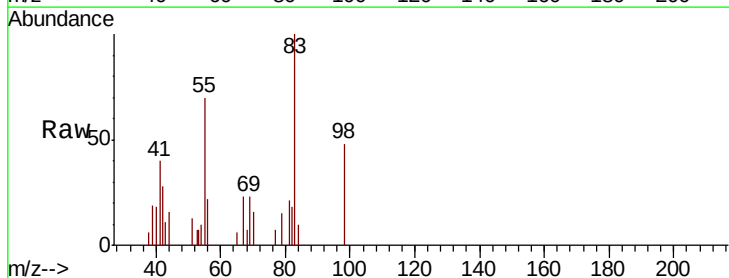
Instrument :
MSVOA_W
ClientSampled :
JLC57

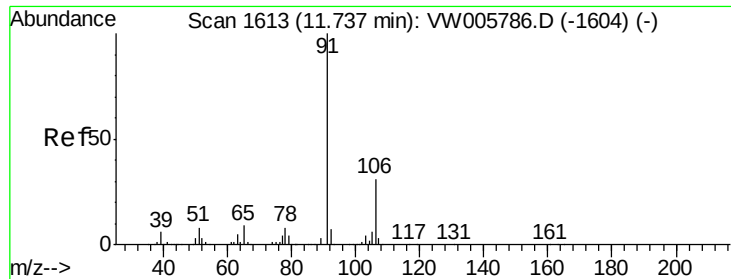
Tot Ion: 84 Resp: 14415
Ion Ratio Lower Upper
84 100
49 114.6 87.2 162.0
86 62.2 43.2 80.2



#36
Methylcyclohexane
Concen: 0.509 ug/L
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW005795.D
Acq: 03 Oct 2018 00:44

Tgt Ion: 83 Resp: 2096
Ion Ratio Lower Upper
83 100
55 90.4 62.5 93.7
98 54.1 37.7 56.5





#53

Ethylbenzene

Concen: 1.242 ug/L

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005795.D

Acq: 03 Oct 2018 00:44

Instrument :

MSVOA_W

ClientSampled :

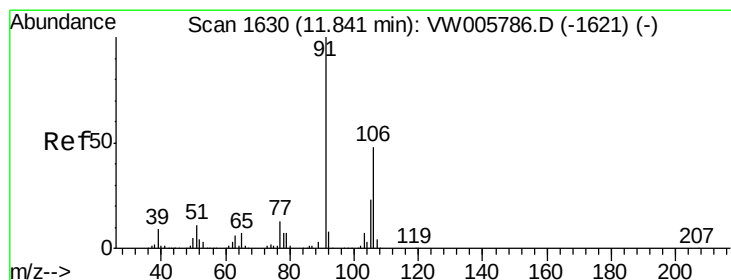
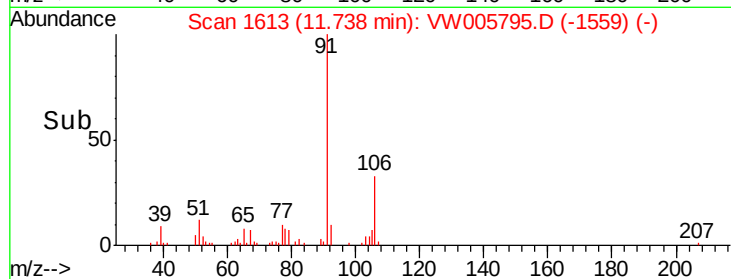
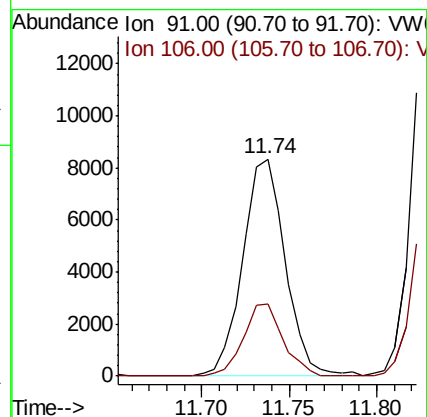
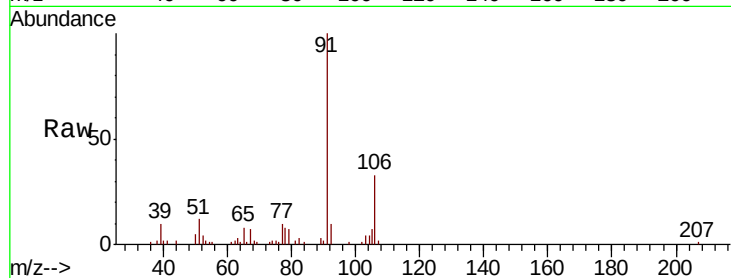
JLC57

Tot Ion: 91 Resp: 14049

Ion Ratio Lower Upper

91 100

106 33.4 21.5 39.9



#54

m,p-Xylene

Concen: 8.150 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW005795.D

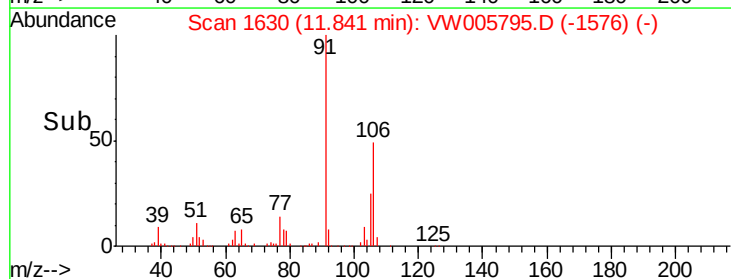
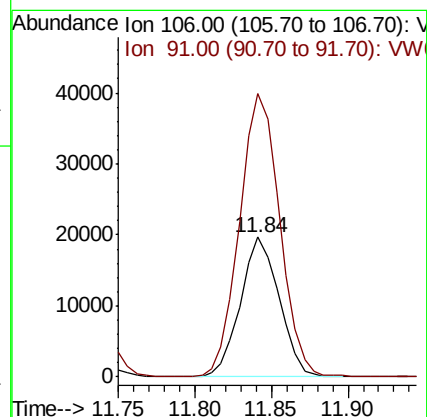
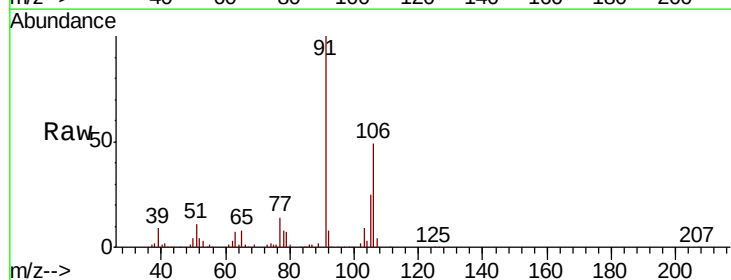
Acq: 03 Oct 2018 00:44

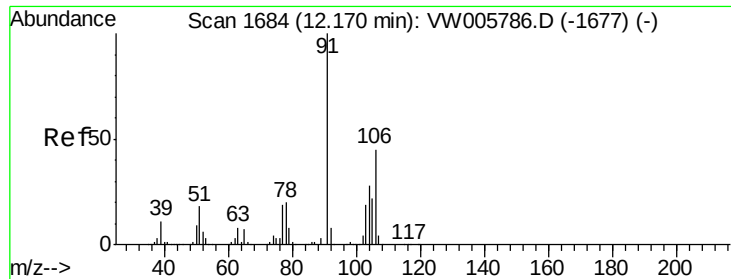
Tgt Ion: 106 Resp: 34743

Ion Ratio Lower Upper

106 100

91 202.4 147.7 274.3





#55
o-xylene
Concen: 6.741 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005795.D
Acq: 03 Oct 2018 00:44

Instrument :
MSVOA_W
ClientSampleId :
JLC57

Tot Ion:106 Resp: 27085
Ion Ratio Lower Upper
106 100
91 213.7 156.5 290.7

