

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
 Data File : VW005826.D
 Acq On : 03 Oct 2018 22:01
 Operator : SY/AP
 Sample : J5182-10RE
 Misc : 4.19G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC59RE

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 7:12:51 PM

Quant Time: Oct 04 07:13:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 07:04:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	38096	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	35357	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	12829	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	8083	16.64	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.56%
7) Chloroethane-d5	2.89	69	8363	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
10) 1,1-Dichloroethene-d2	4.01	63	14127	13.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.28%
20) 2-Butanone-d5	7.09	46	6359m	40.79	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.58%
24) Chloroform-d	7.65	84	28032	28.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.56%
26) 1,2-Dichloroethane-d4	8.31	65	18952	31.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.88%
29) Benzene-d6	8.28	84	43349	24.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.08%
33) 1,2-Dichloropropane-d6	9.28	67	14089	27.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.40%
37) Toluene-d8	10.33	98	34749	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.44%
38) trans-1,3-Dichloropropene-	10.58	79	5461	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.20%
39) 2-Hexanone-d5	10.93	63	3294	27.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	14948	30.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.68%#
61) 1,2-Dichlorobenzene-d4	13.86	152	11653	25.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.68%

Target Compounds					Qvalue
16) Methylene chloride	4.92	84	11391	18.135 ug/L	93
53) Ethylbenzene	11.74	91	5560	2.175 ug/L	100
54) m,p-Xylene	11.84	106	11602	12.047 ug/L	85
55) o-xylene	12.16	106	4863	5.357 ug/L	76

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

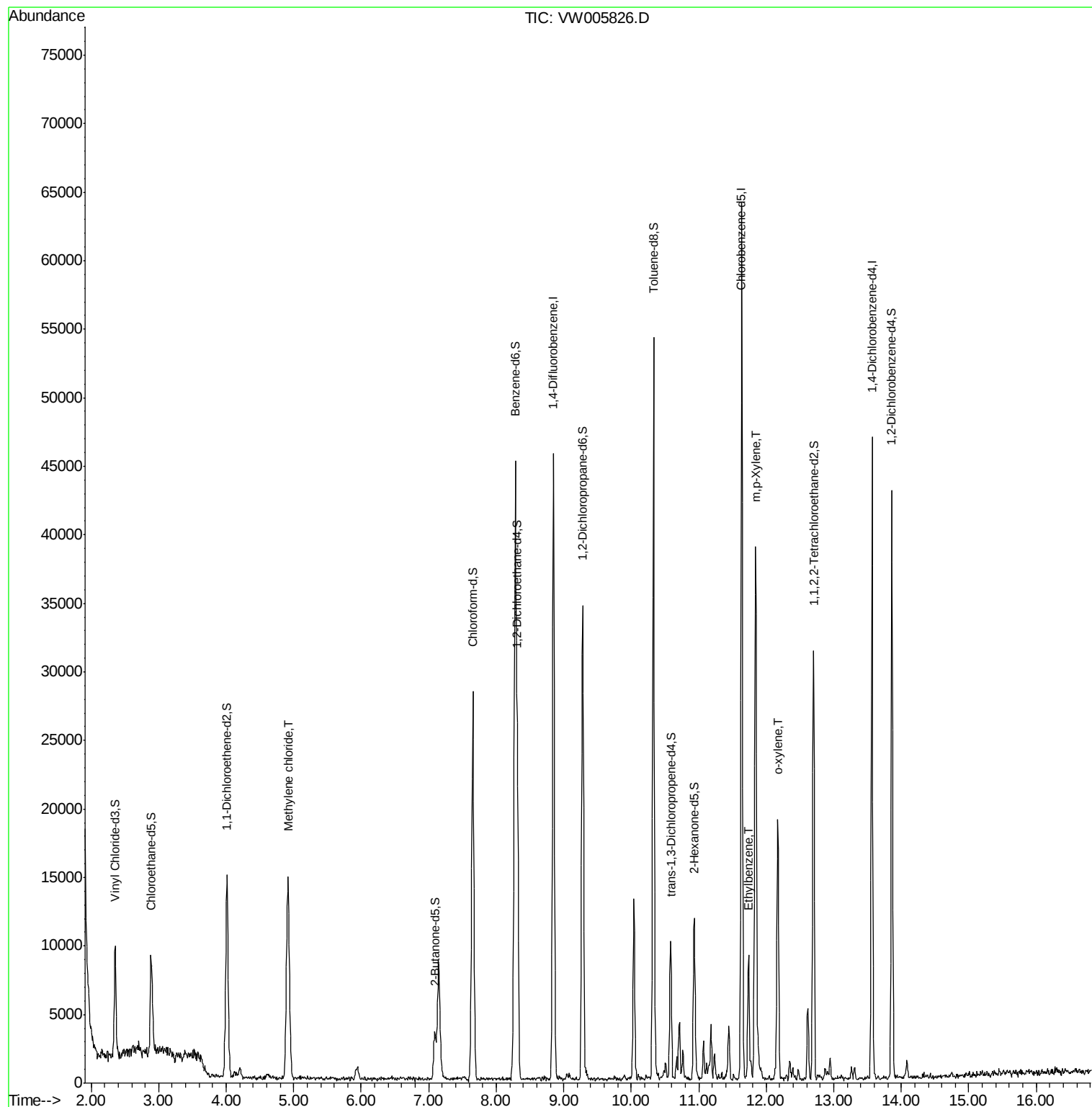
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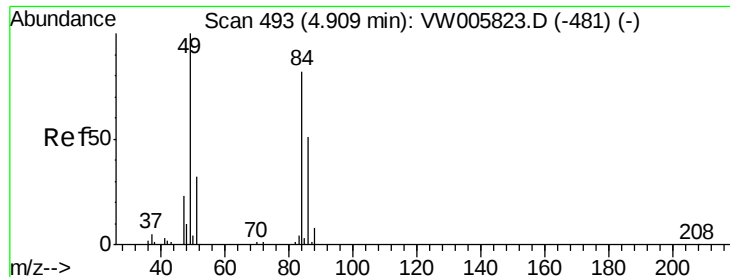
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 04 07:04:02 2018
Response via : Initial Calibration





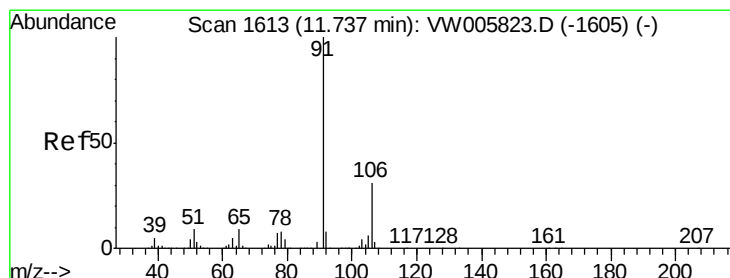
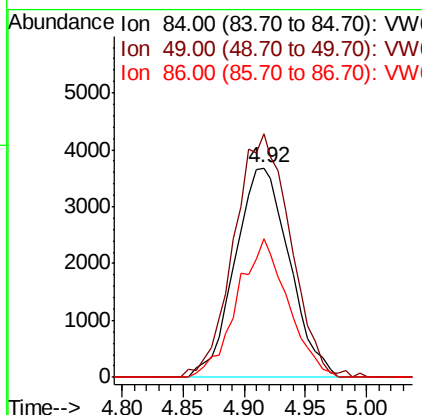
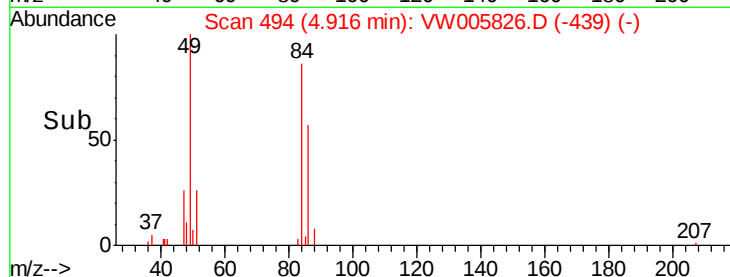
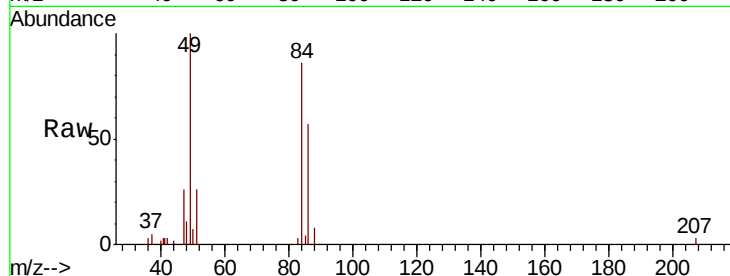
#16
Methylene chloride
Concen: 18.135 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005826.D
Acq: 03 Oct 2018 22:01

Instrument :
MSVOA_W
ClientSampled :
JLC59RE

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.5	87.2	162.0
86	66.6	43.2	80.2

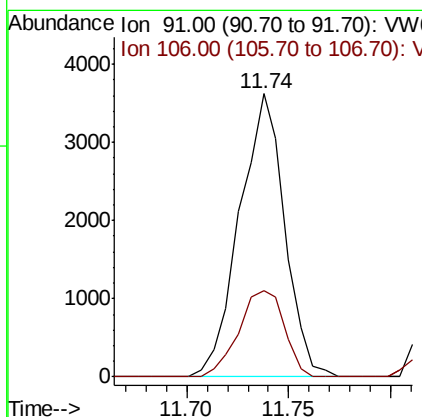
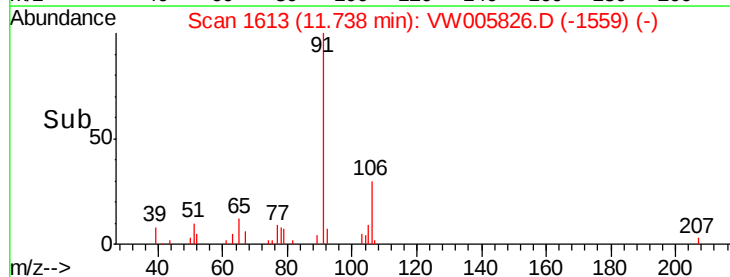
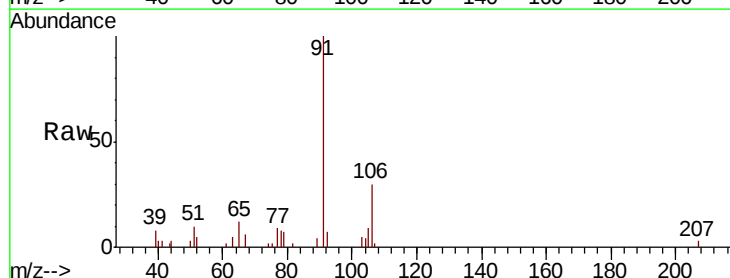
Manual Integrations
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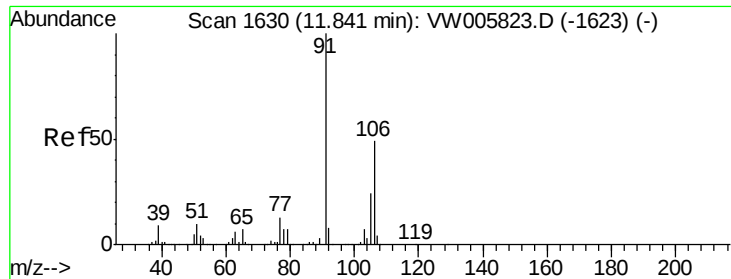
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#53
Ethylbenzene
Concen: 2.175 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005826.D
Acq: 03 Oct 2018 22:01

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.5	39.9





#54

m,p-Xylene

Concen: 12.047 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW005826.D

Acq: 03 Oct 2018 22:01

Instrument :

MSVOA_W

ClientSampled :

JLC59RE

Tgt Ion:106 Resp: 11602

Ion Ratio Lower Upper

106 100

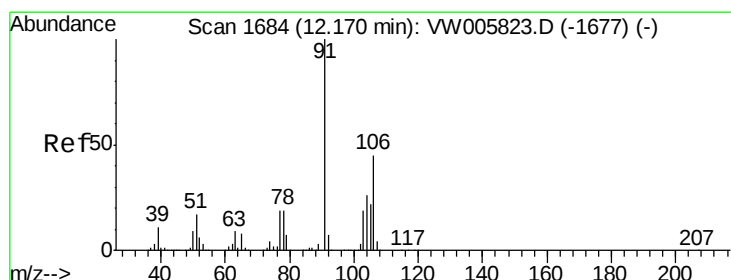
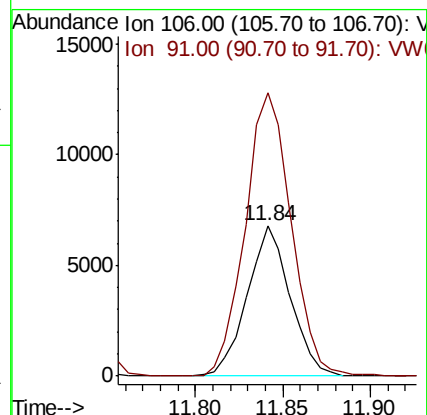
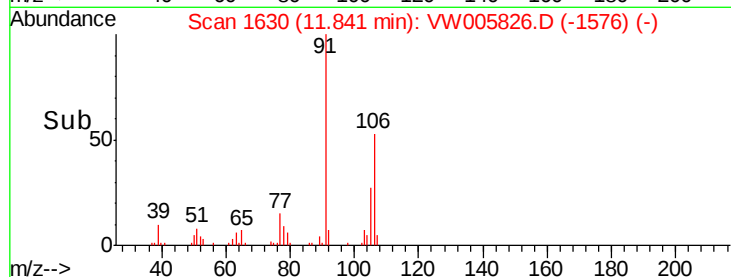
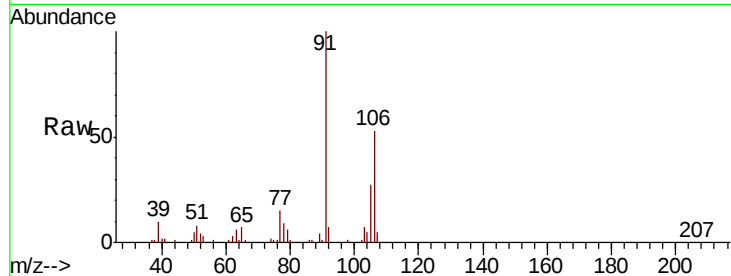
91 188.3 147.7 274.3

Manual Integrations

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#55

o-xylene

Concen: 5.357 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW005826.D

Acq: 03 Oct 2018 22:01

Tgt Ion:106 Resp: 4863

Ion Ratio Lower Upper

106 100

91 184.5 156.5 290.7

