

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010069.D
 Acq On : 19 Apr 2019 16:43
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:57:05 AM

Quant Time: Apr 20 05:39:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	782073	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	754315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	370692	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	166650	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
7) Chloroethane-d5	2.89	69	131937	17.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.48%
10) 1,1-Dichloroethene-d2	4.01	63	325810	15.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.60%
20) 2-Butanone-d5	7.08	46	166397	41.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.24%
24) Chloroform-d	7.65	84	442849	19.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.36%
26) 1,2-Dichloroethane-d4	8.30	65	280994m	20.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.12%
29) Benzene-d6	8.27	84	894767	21.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.36%
33) 1,2-Dichloropropane-d6	9.27	67	283372	21.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.84%
37) Toluene-d8	10.32	98	827742	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.56%
38) trans-1,3-Dichloropropene-	10.58	79	127513	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.48%
39) 2-Hexanone-d5	10.93	63	131762	45.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	243286	19.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	297940	21.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.52%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	79575	5.619 ug/L	89
54) m,p-Xylene	11.84	106	19231	0.998 ug/L	93
55) o-xylene	12.17	106	10641	0.576 ug/L	94
56) Styrene	12.18	104	22994	0.711 ug/L	98

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

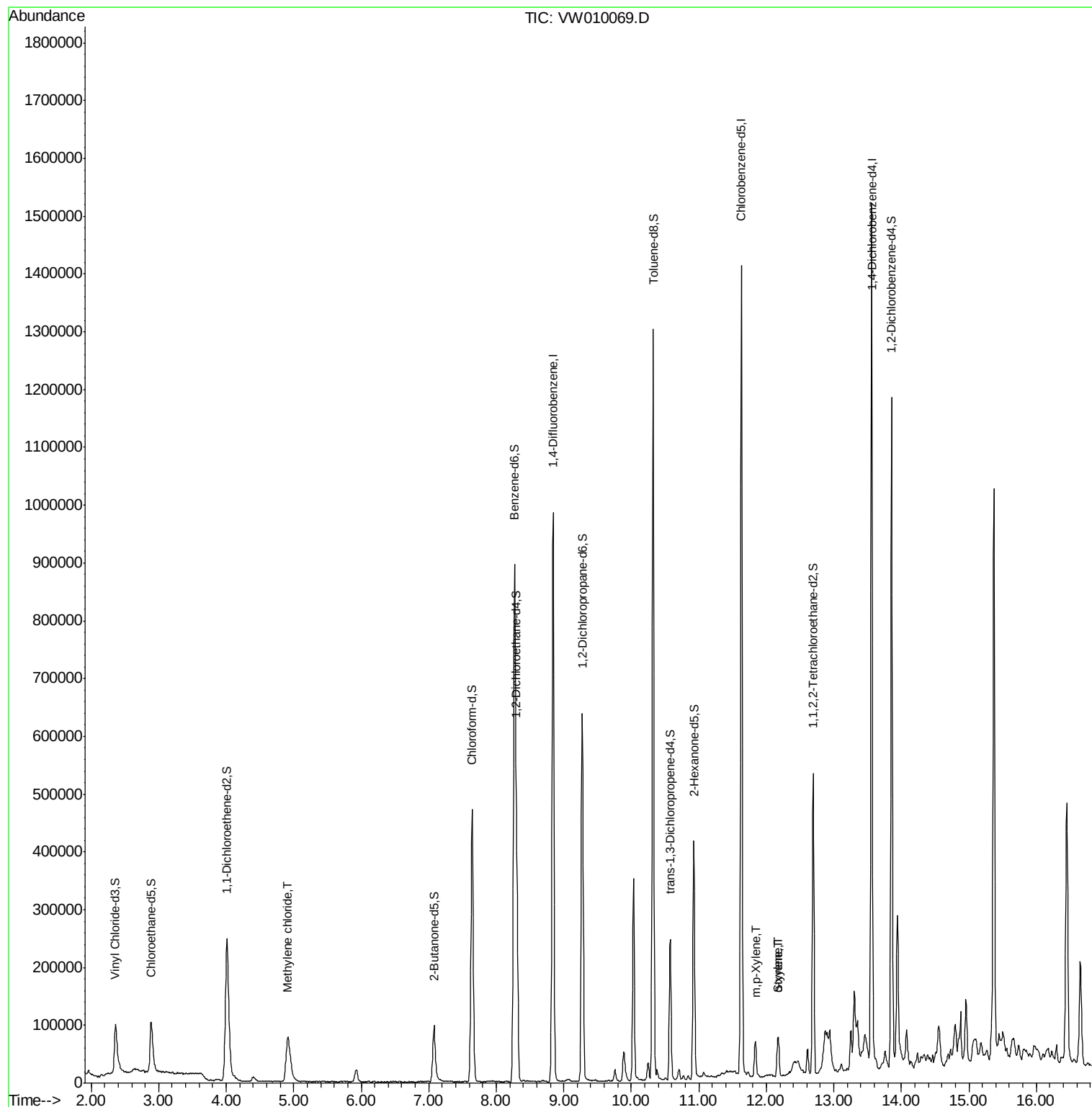
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
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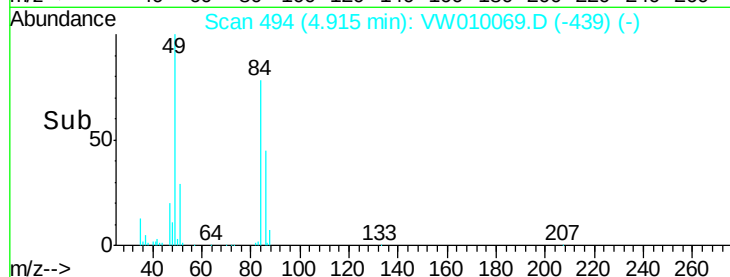
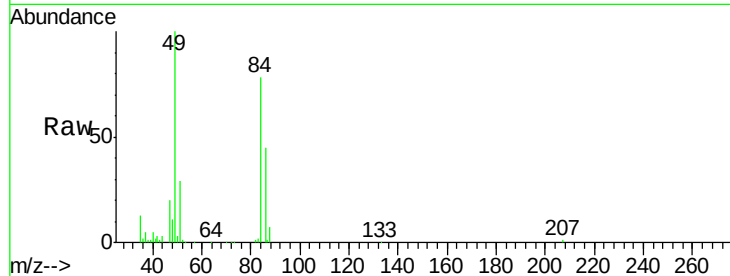
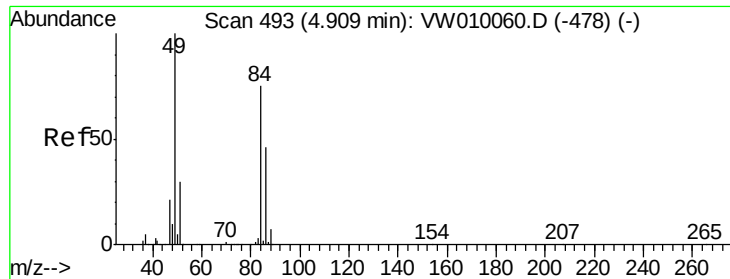
Instrument :
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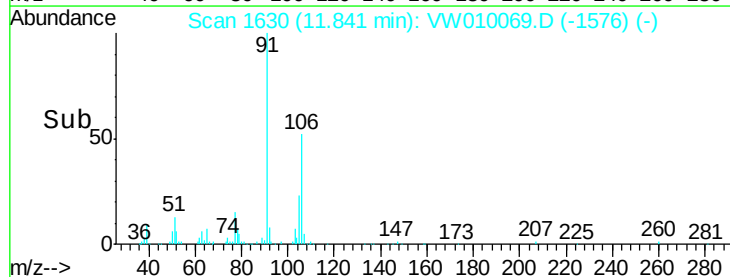
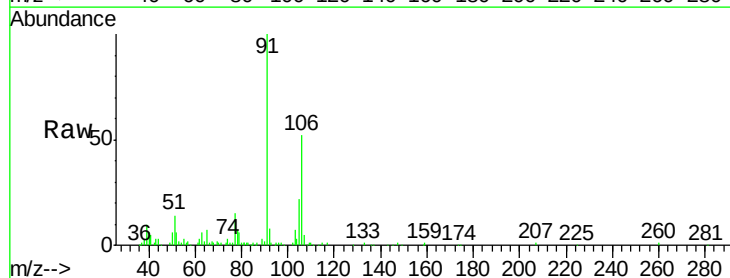
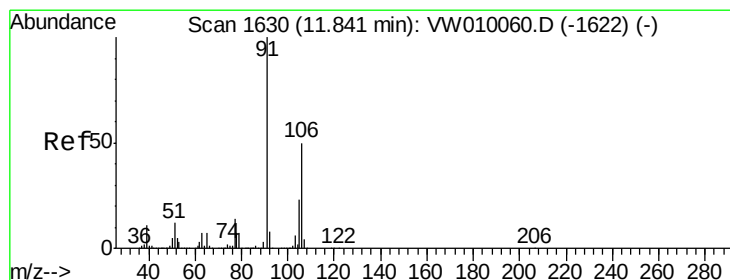
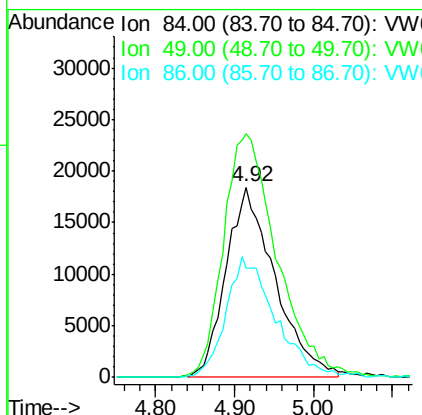
#16
Methylene chloride
Concen: 5.619 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010069.D
Acq: 19 Apr 2019 16:43

Tot Ion	84	Resp	79575
Ion Ratio	Lower	Upper	
84	100		
49	127.9	100.7	187.1
86	57.6	43.8	81.3

Instrument :
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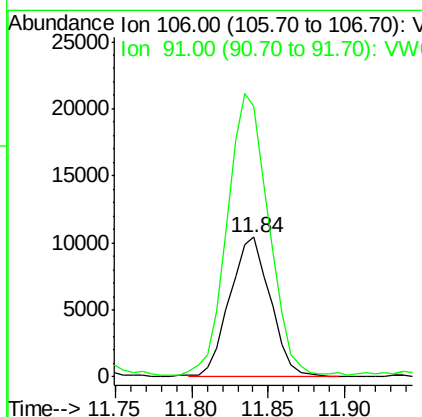
Manual Integrations
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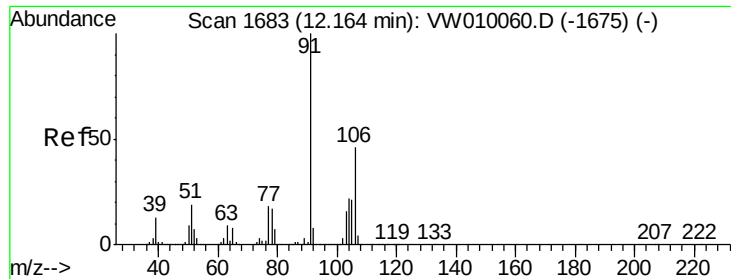
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#54
m,p-Xylene
Concen: 0.998 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010069.D
Acq: 19 Apr 2019 16:43

Tgt Ion	106	Resp	19231
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
106	100		
91	193.5	143.4	266.2





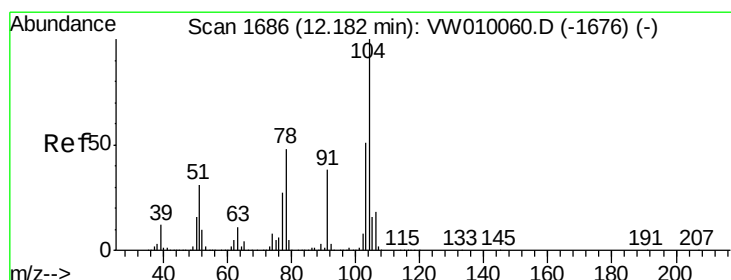
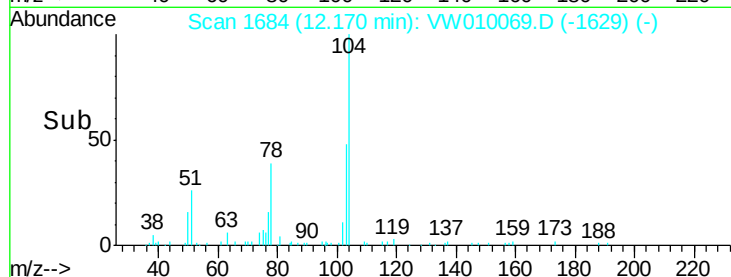
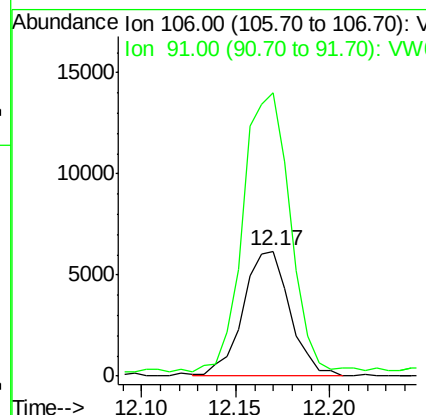
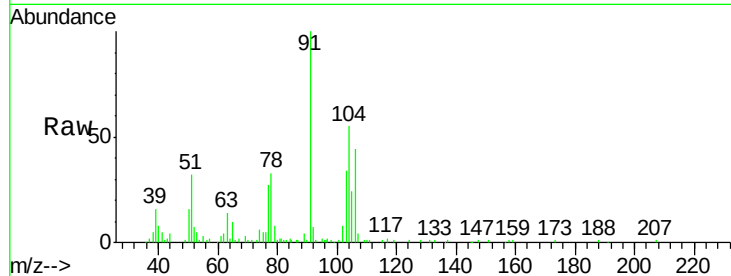
#55
o-xylene
Concen: 0.576 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW010069.D
Acq: 19 Apr 2019 16:43

Instrument :
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Tot Ion:106 Resp: 10641
Ion Ratio Lower Upper
106 100
91 227.1 152.2 282.7

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#56
Styrene
Concen: 0.711 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
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Tgt Ion:104 Resp: 22994
Ion Ratio Lower Upper
104 100
78 45.5 32.7 60.7

