

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010240.D
 Acq On : 01 May 2019 07:06
 Operator : SY/VA
 Sample : K2604-11
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ85

Manual Integrations
 APPROVED

sam
 5/7/2019 9:20:11 AM

Quant Time: May 02 22:39:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 07:37:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	185533	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	212479	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99313	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	22694	10.78	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.12%
7) Chloroethane-d5	2.89	69	24690	14.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.24%
10) 1,1-Dichloroethene-d2	4.01	63	48405	10.34	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.36%#
20) 2-Butanone-d5	7.08	46	61681	79.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.92%#
24) Chloroform-d	7.64	84	123424	25.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.68%
26) 1,2-Dichloroethane-d4	8.31	65	92862	33.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	134.48%#
29) Benzene-d6	8.27	84	195659	17.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.40%
33) 1,2-Dichloropropane-d6	9.27	67	81936	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.68%
37) Toluene-d8	10.32	98	151343	14.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.20%
38) trans-1,3-Dichloropropene-	10.58	79	31605	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.76%
39) 2-Hexanone-d5	10.93	63	42631	56.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100468	32.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.64%#
61) 1,2-Dichlorobenzene-d4	13.86	152	77283	20.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.80%

Target Compounds					Ovalue	
16) Methylene chloride	4.90	84	11352m	3.677	ug/L	
54) m,p-Xylene	11.84	106	4311	0.793	ug/L	97
55) o-xylene	12.17	106	3832	0.746	ug/L	96
56) Styrene	12.18	104	18686	2.099	ug/L	89

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

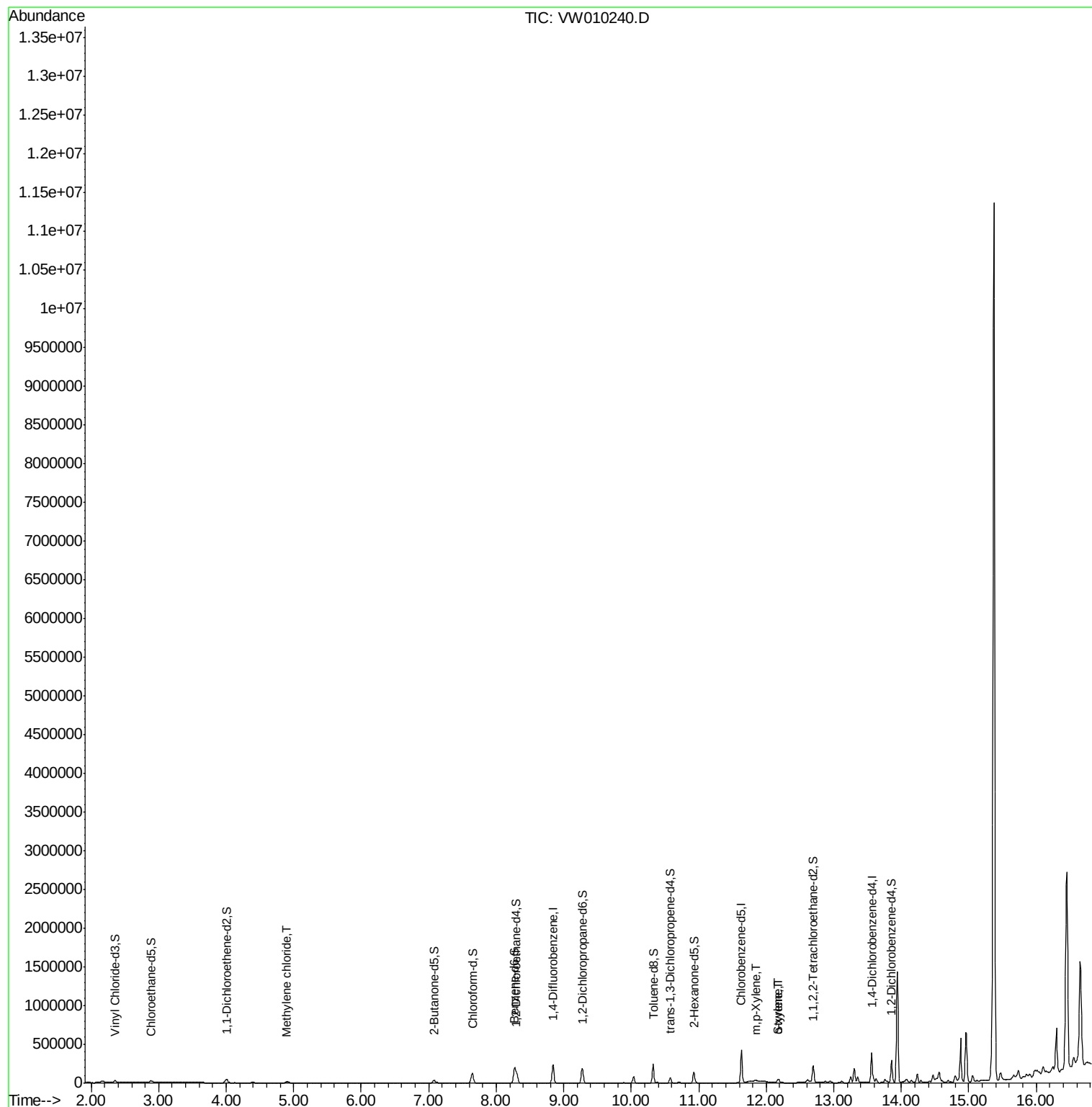
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
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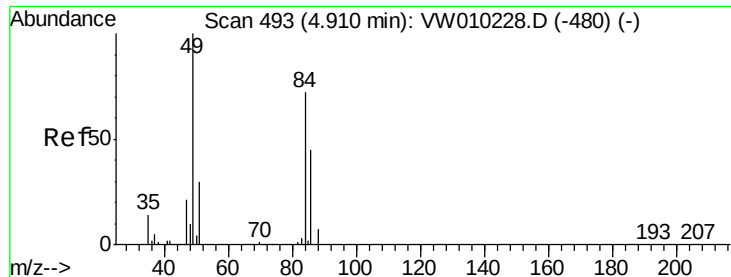
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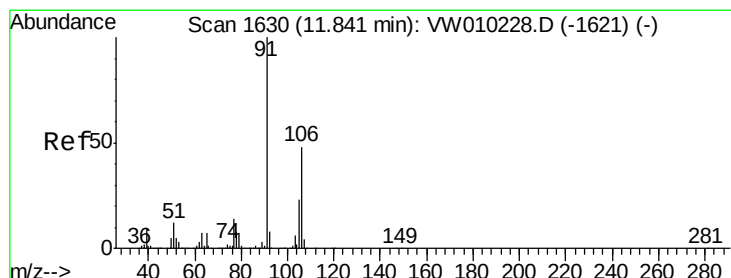
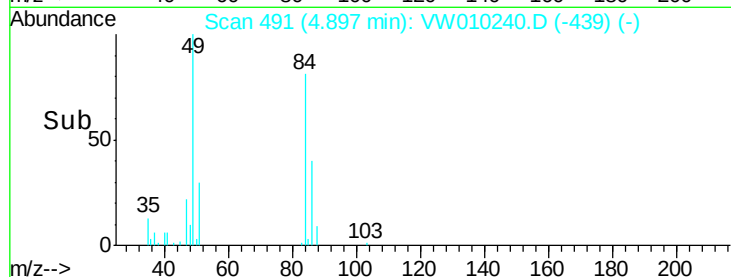
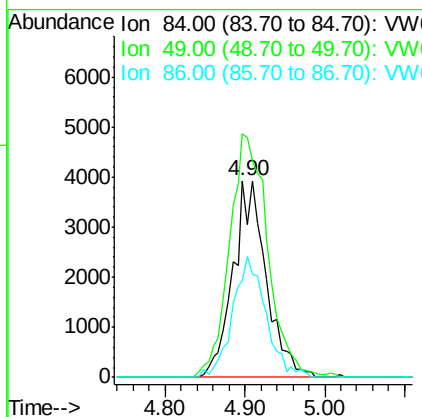
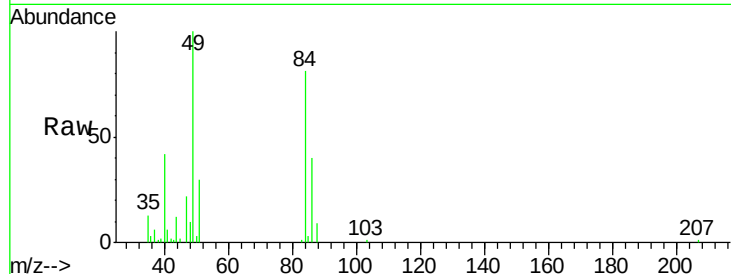
#16
Methylene chloride
Concen: 3.677 ug/L m
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW010240.D
Acq: 01 May 2019 07:06

Instrument :
MSVOA_W
ClientSampled :
GAJ85

Tot Ion	Ratio	Lower	Upper
84	100		
49	123.8	90.2	167.6
86	49.0	46.3	86.1

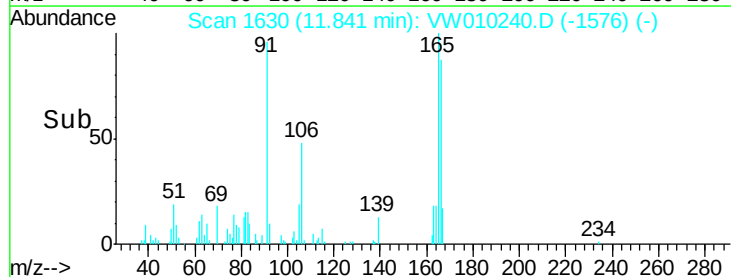
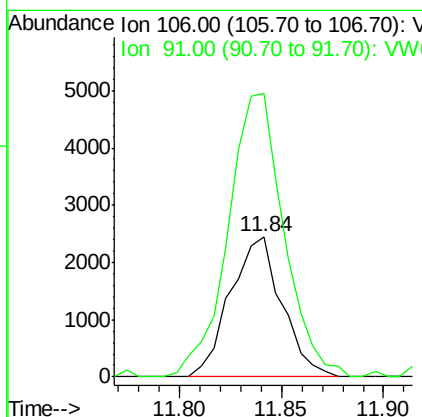
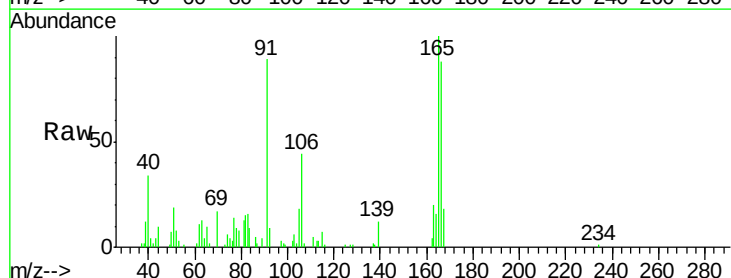
Manual Integrations
APPROVED

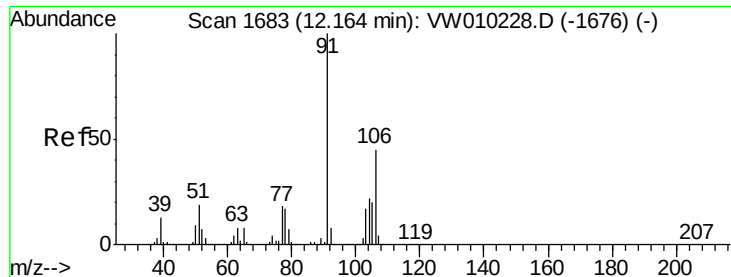
sam
5/7/2019 9:20:11 AM



#54
m,p-Xylene
Concen: 0.793 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010240.D
Acq: 01 May 2019 07:06

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.5	143.8	267.0





#55

o-xylene

Concen: 0.746 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW010240.D

Acq: 01 May 2019 07:06

Instrument :

MSVOA_W

ClientSampled :

GAJ85

Tot Ion:106 Resp: 3832

Ion Ratio Lower Upper

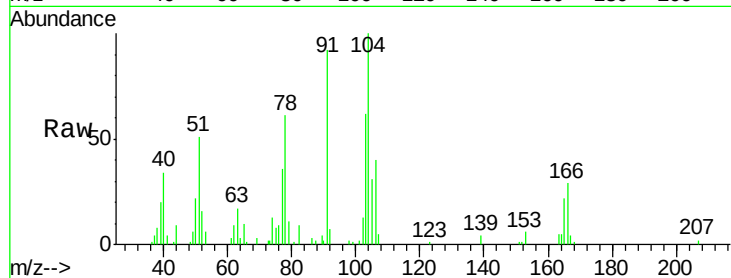
106 100

91 229.4 156.2 290.2

Manual Integrations
APPROVED

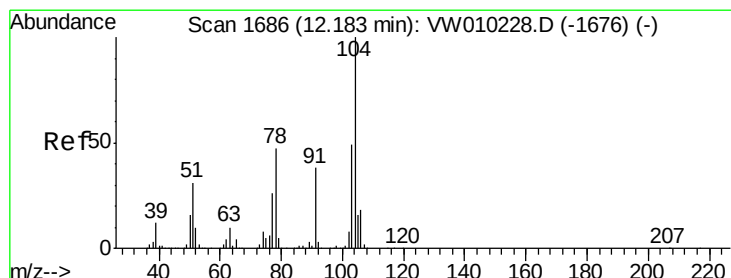
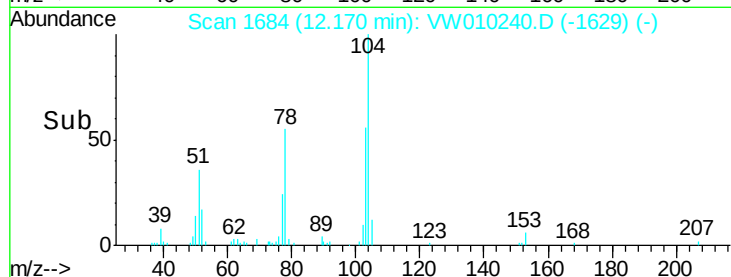
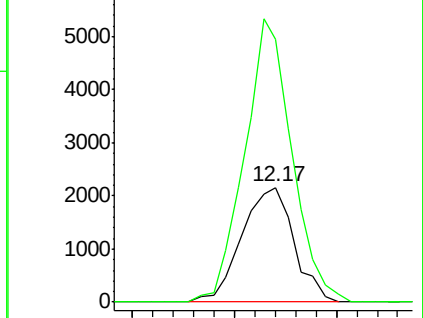
sam

5/7/2019 9:20:11 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 2.099 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW010240.D

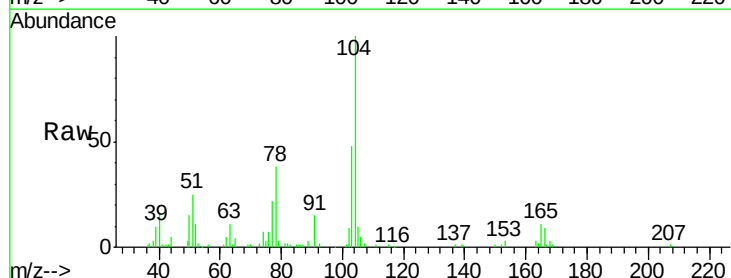
Acq: 01 May 2019 07:06

Tgt Ion:104 Resp: 18686

Ion Ratio Lower Upper

104 100

78 38.2 31.9 59.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

