

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\
 Data File : VW009873.D
 Acq On : 10 Apr 2019 10:06
 Operator : SY/VA
 Sample : K2259-05RE
 Misc : 5.21G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETJ44RE

Manual Integrations
 APPROVED

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 4/11/2019 2:07:41 PM

Quant Time: Apr 15 05:06:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 08:15:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	466546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349123	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84283	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	130775	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.68%
7) Chloroethane-d5	2.89	69	122945	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.92%
10) 1,1-Dichloroethene-d2	4.01	63	239808	18.26	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.04%
20) 2-Butanone-d5	7.08	46	87398	44.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.18%
24) Chloroform-d	7.65	84	333889	26.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.92%
26) 1,2-Dichloroethane-d4	8.31	65	195866	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.27	84	589220	32.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.60%
33) 1,2-Dichloropropane-d6	9.27	67	191702	33.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.48%#
37) Toluene-d8	10.32	98	464527	27.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.64%
38) trans-1,3-Dichloropropene-	10.58	79	57319	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.92%
39) 2-Hexanone-d5	10.93	63	48716	45.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132028	25.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	90672	30.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.64%#

Target Compounds					Qvalue
16) Methylene chloride	4.90	84	35613m	4.328	ug/L
44) Toluene	10.39	91	10624	0.477	ug/L
54) m,p-Xylene	11.83	106	3627	0.387	ug/L

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

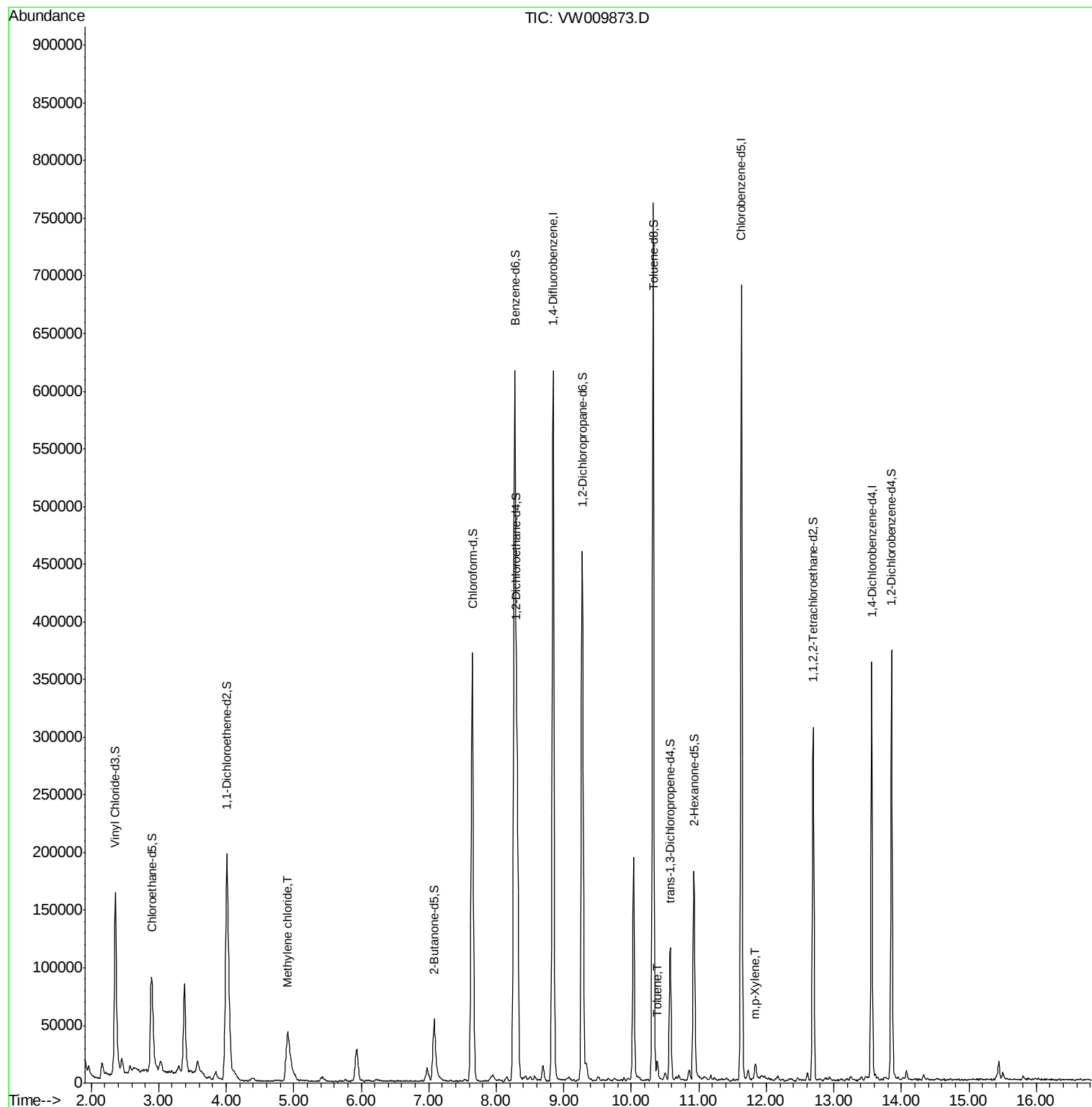
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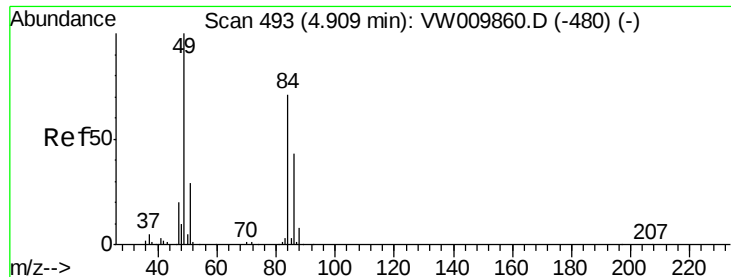
Instrument :
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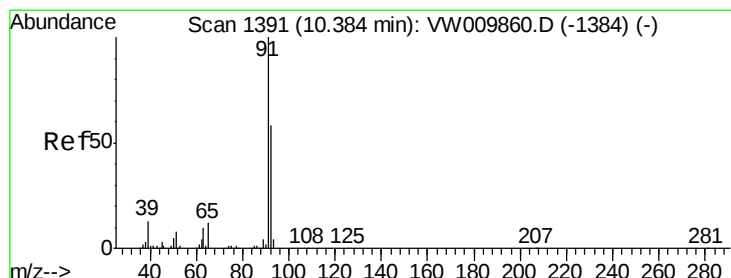
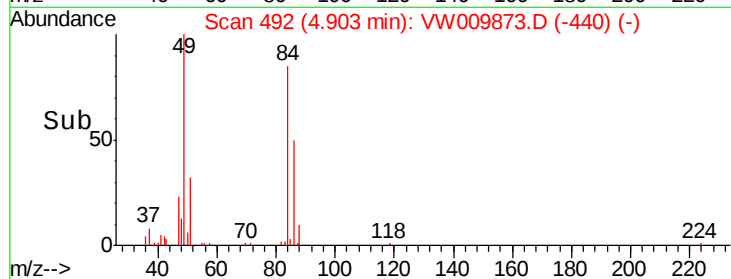
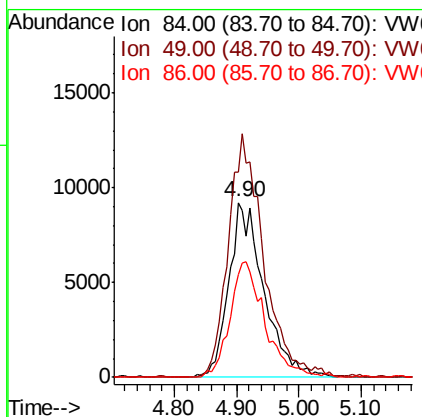
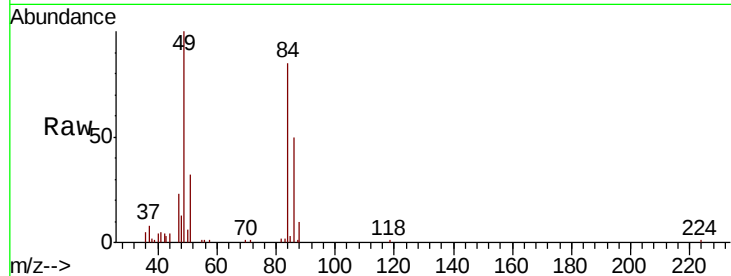
#16
Methylene chloride
Concen: 4.328 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009873.D
Acq: 10 Apr 2019 10:06

Instrument :
MSVOA_W
ClientSampleId :
ETJ44RE

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.4	98.3	182.5
86	59.2	46.4	86.2

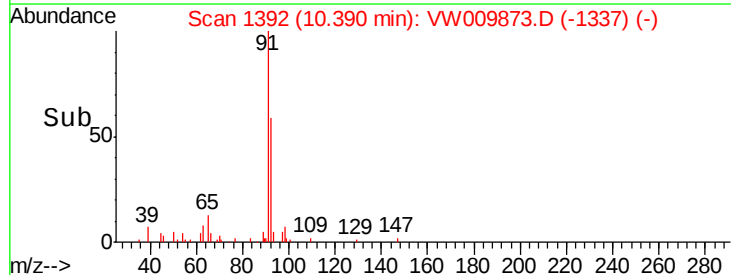
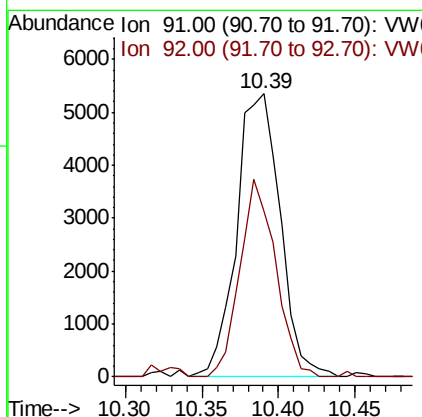
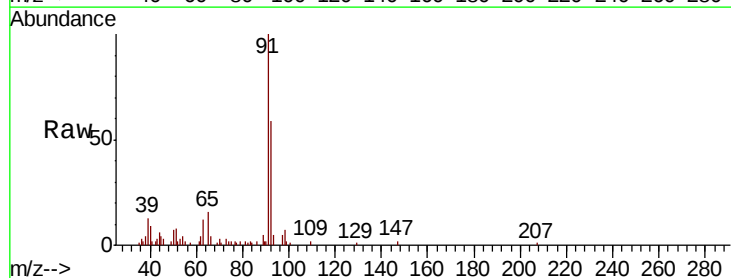
Manual Integrations
APPROVED

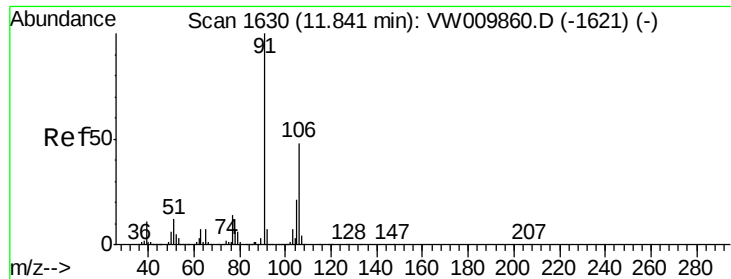
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#44
Toluene
Concen: 0.477 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW009873.D
Acq: 10 Apr 2019 10:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.5	75.1





#54

m,p-Xylene

Concen: 0.387 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW009873.D

Acq: 10 Apr 2019 10:06

Instrument :

MSVOA_W

ClientSampleId :

ETJ44RE

Tgt Ion:106 Resp: 3627

Ion Ratio Lower Upper

106 100

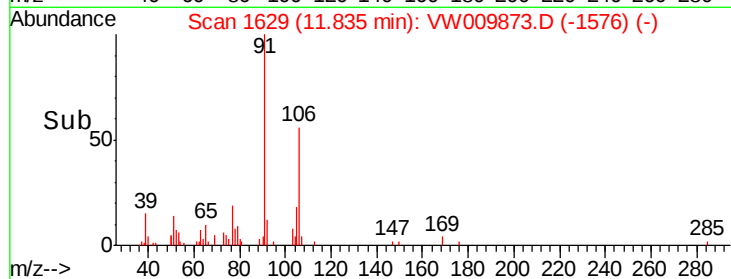
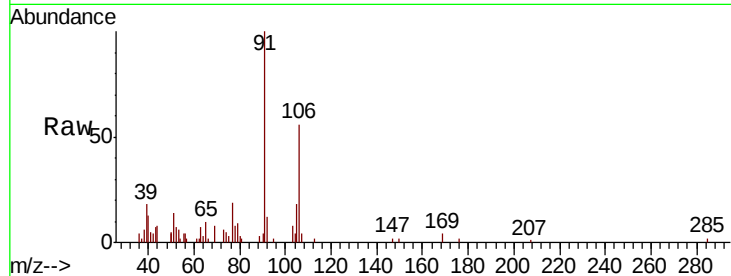
91 179.0 145.3 269.9

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

