

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031436.D
 Acq On : 23 Apr 2019 14:26
 Operator : JC/SP
 Sample : K2481-06 5X
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHW1

Quant Time: May 02 07:47:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	731521	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	691283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	349368	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	230038	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.62%
7) Chloroethane-d5	1.68	69	184658	40.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.82%
11) 1,1-Dichloroethene-d2	2.26	63	335863	32.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.14%
21) 2-Butanone-d5	4.20	46	407299	91.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.91%
24) Chloroform-d	4.64	84	397590	42.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.18%
26) 1,2-Dichloroethane-d4	5.31	65	253096	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
32) Benzene-d6	5.34	84	843467	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.48%
36) 1,2-Dichloropropane-d6	6.33	67	278499	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.68%
41) Toluene-d8	7.56	98	739168	41.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.88%
43) trans-1,3-Dichloropropene-	7.85	79	120907	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.58%
47) 2-Hexanone-d5	8.32	63	287253	89.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	358158	41.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	293409	41.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.16%

Target Compounds

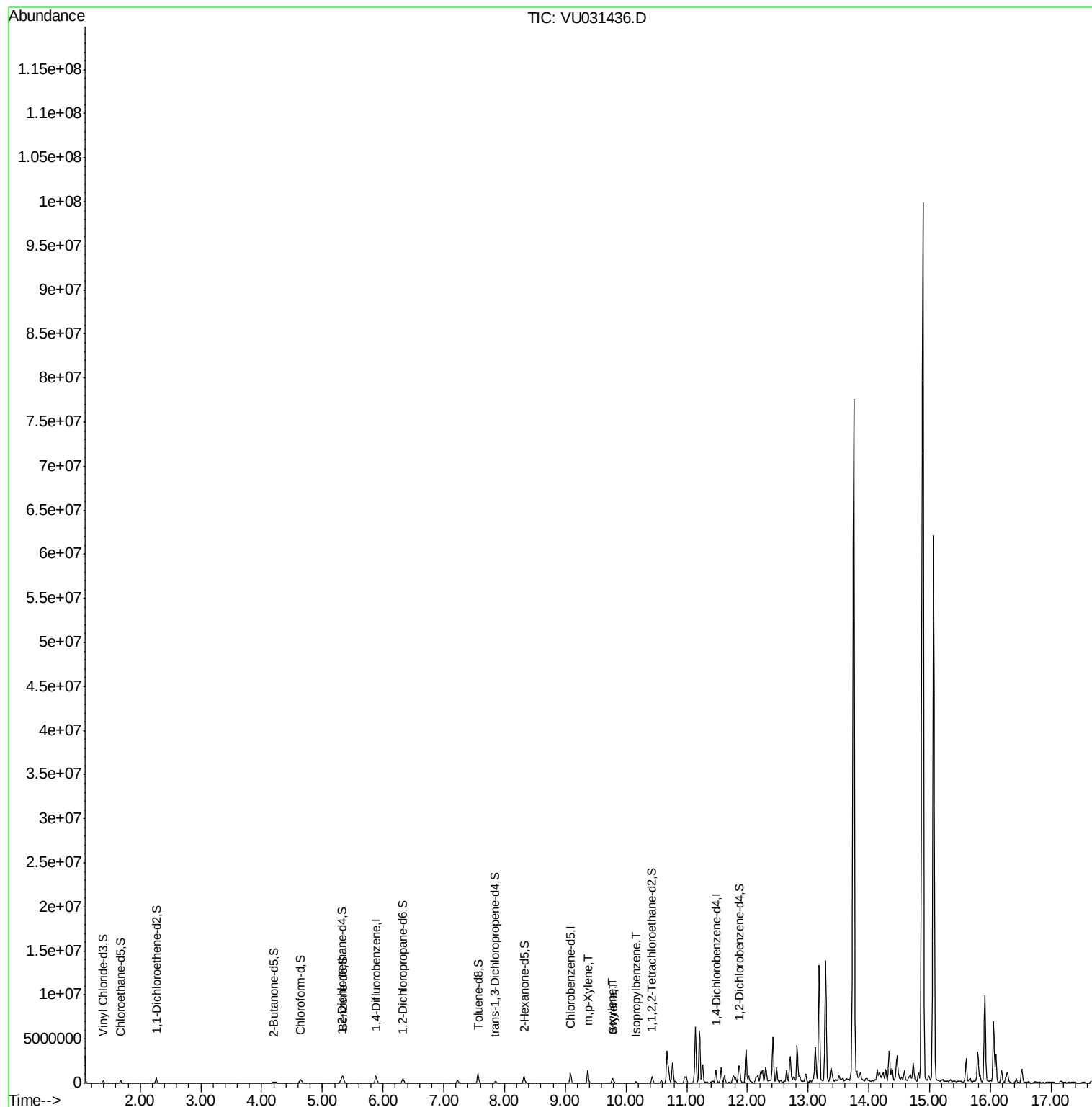
					Ovalue
53) m,p-Xylene	9.37	106	390174	48.068	ug/L 100
54) o-xylene	9.78	106	131759	16.145	ug/L 96
55) Styrene	9.79	104	89167	6.570	ug/L 92
56) Isopropylbenzene	10.16	105	105897	5.051	ug/L 99

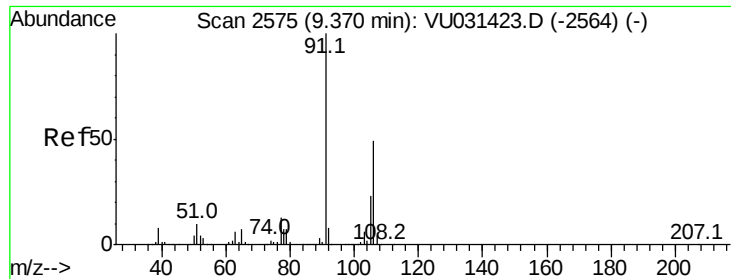
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#53

m,p-Xylene

Concen: 48.068 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

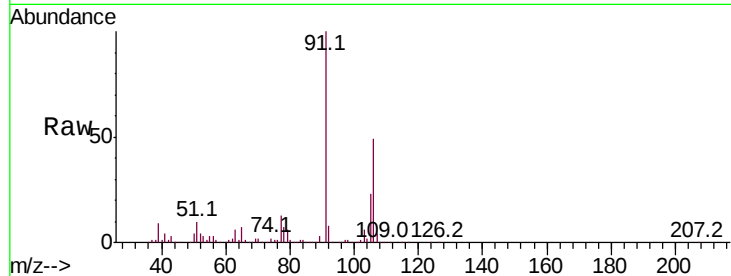
GAHW1

Tot Ion:106 Resp: 390174

Ion Ratio Lower Upper

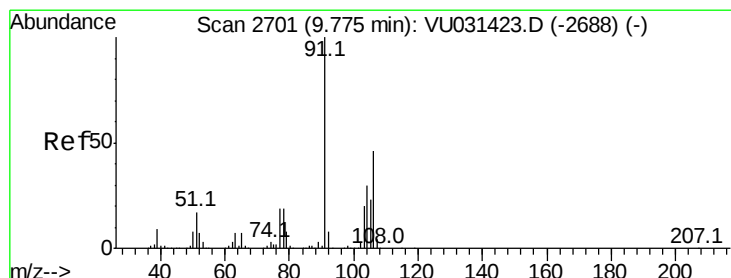
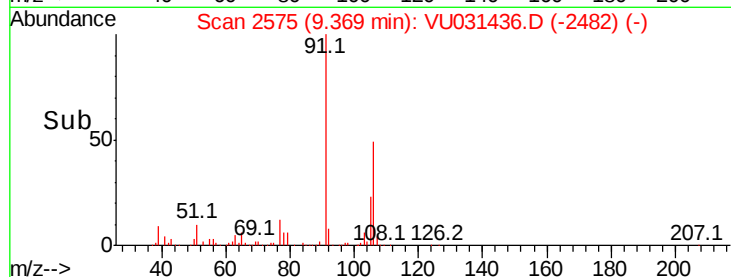
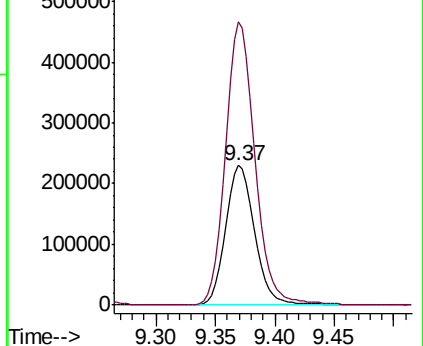
106 100

91 202.3 141.5 262.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 16.145 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU031436.D

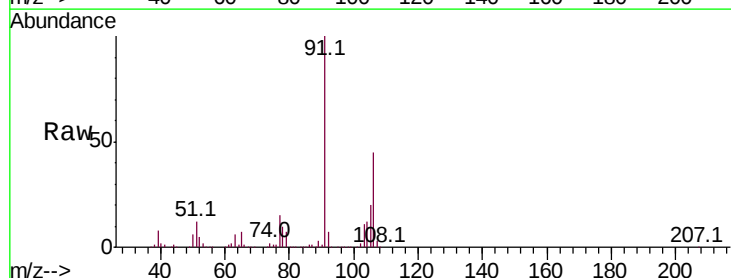
Acq: 23 Apr 2019 14:26

Tgt Ion:106 Resp: 131759

Ion Ratio Lower Upper

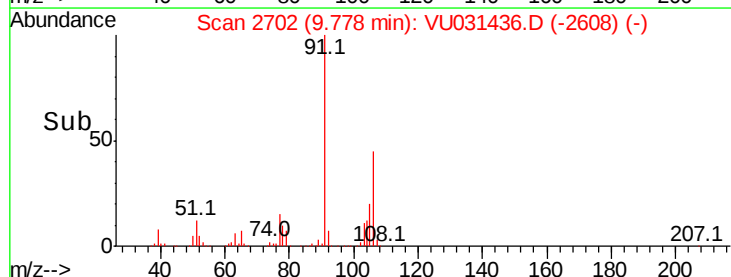
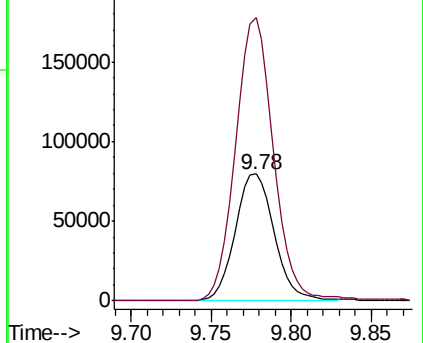
106 100

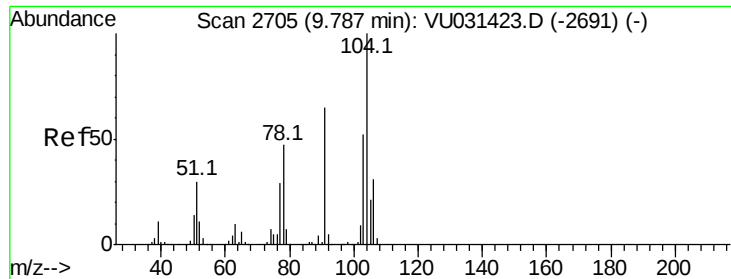
91 223.6 152.4 283.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#55

Stvrene

Concen: 6.570 ug/L

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU031436.D

Acq: 23 Apr 2019 14:26

Instrument :

MSVOA_U

ClientSampleId :

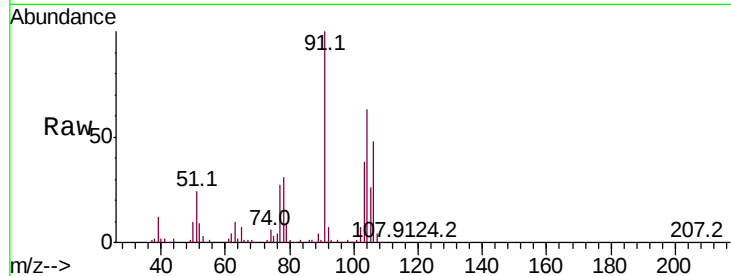
GAHW1

Tot Ion:104 Resp: 89167

Ion Ratio Lower Upper

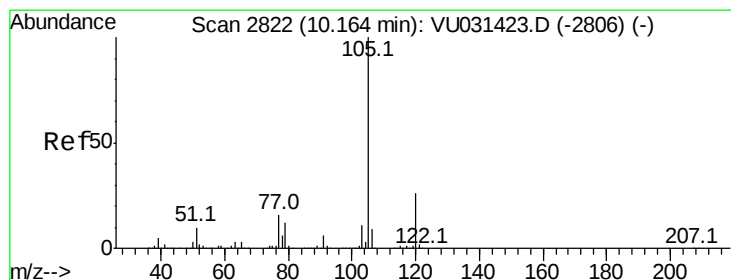
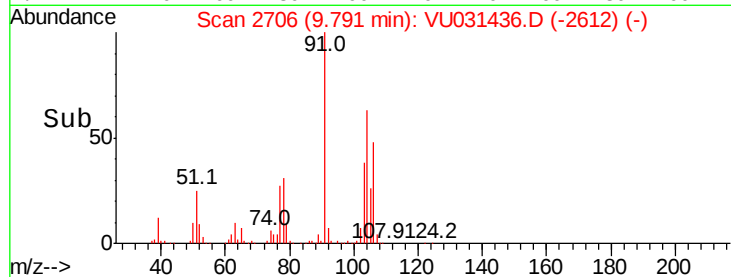
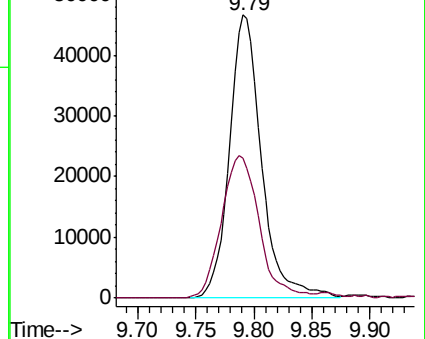
104 100

78 49.5 31.1 57.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0



#56

Isopropylbenzene

Concen: 5.051 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

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Acq: 23 Apr 2019 14:26

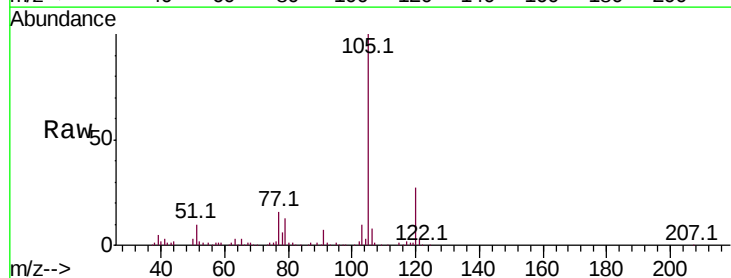
Tgt Ion:105 Resp: 105897

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 15.8 12.2 18.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

