

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031692.D
 Acq On : 01 May 2019 18:12
 Operator : JC/SP
 Sample : K2603-08
 Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ60

Quant Time: May 02 05:39:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 02:23:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1052721	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	991384	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	454981	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	252686	28.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.36%#
7) Chloroethane-d5	1.68	69	188595	27.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.40%#
11) 1,1-Dichloroethene-d2	2.24	63	412878	23.53	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.06%#
21) 2-Butanone-d5	4.21	46	722228	90.47	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.47%
24) Chloroform-d	4.64	84	575553	35.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.34%
26) 1,2-Dichloroethane-d4	5.31	65	403174	38.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.48%
32) Benzene-d6	5.33	84	1174708	38.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.18%
36) 1,2-Dichloropropane-d6	6.33	67	429237	40.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.16%
41) Toluene-d8	7.56	98	1024996	38.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.32%#
43) trans-1,3-Dichloropropene-	7.86	79	181121	39.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.78%
47) 2-Hexanone-d5	8.35	63	502950	108.49	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.49%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	589040	40.98	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	387586	40.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.02%

Target Compounds

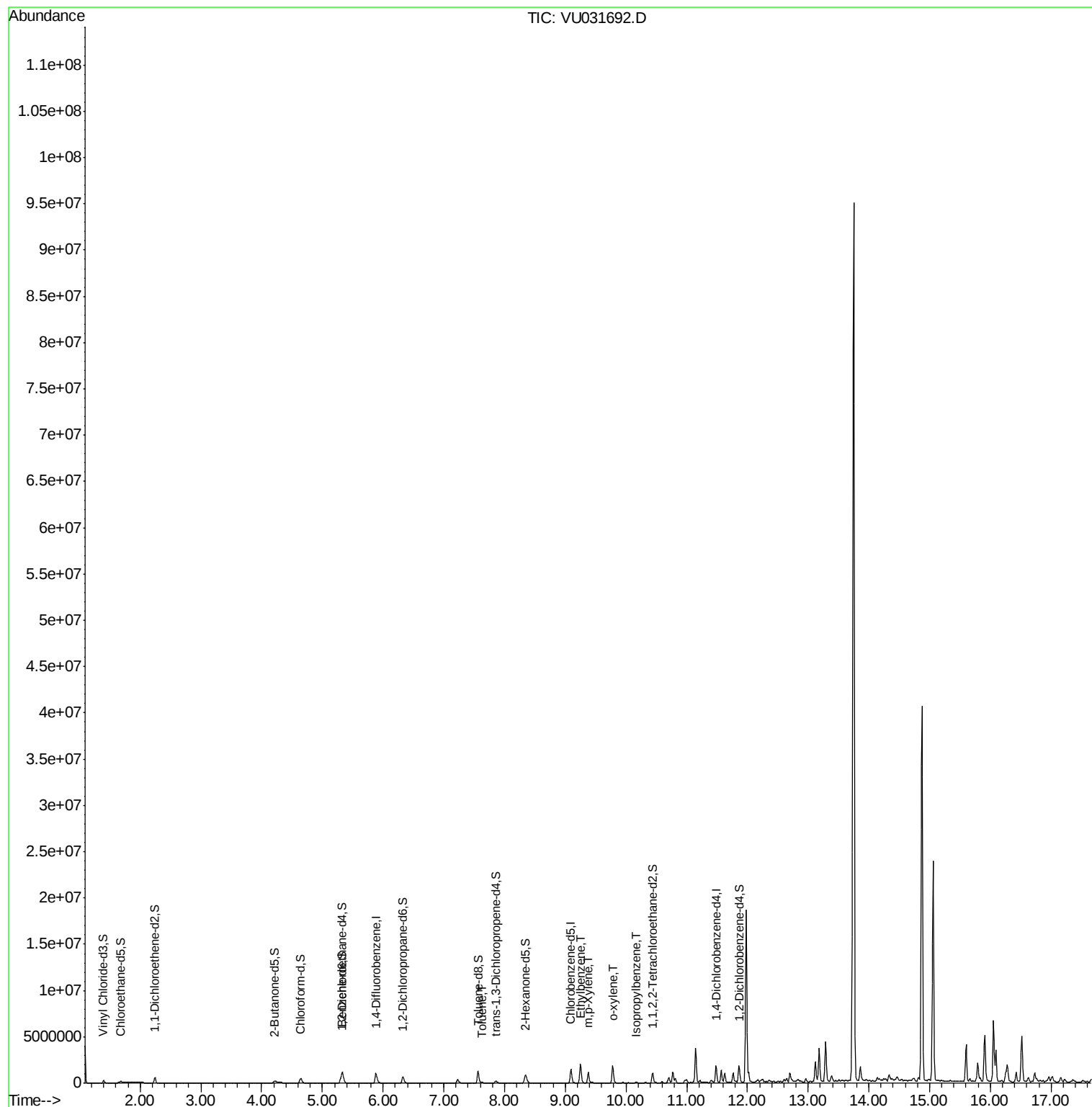
					Ovalue
42) Toluene	7.64	91	33654	0.927 ug/L	90
52) Ethylbenzene	9.25	91	1722860	45.744 ug/L	99
53) m,p-Xylene	9.38	106	354537	27.018 ug/L	99
54) o-xylene	9.78	106	530875	40.807 ug/L	97
56) Isopropylbenzene	10.17	105	83363	2.437 ug/L	98

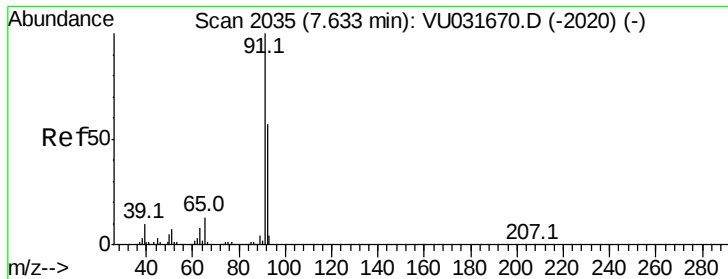
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration





#42

Toluene

Concen: 0.927 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031692.D

Acq: 01 May 2019 18:12

Instrument :

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ClientSampleId :

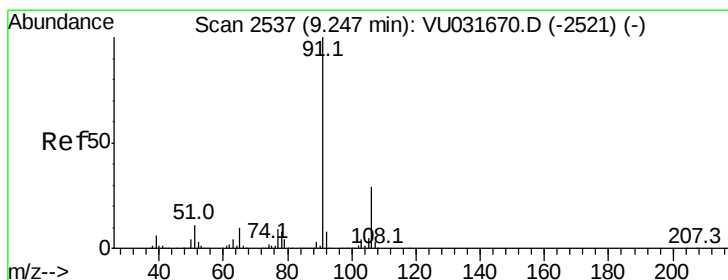
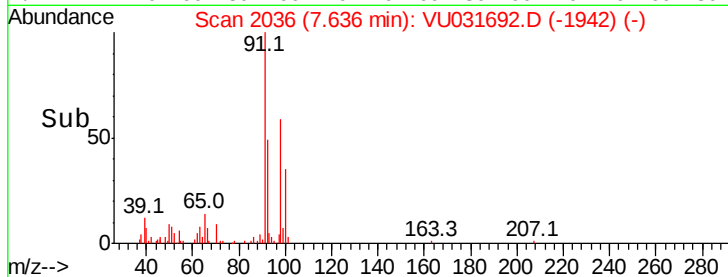
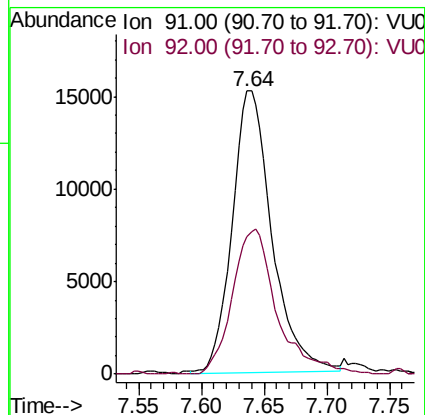
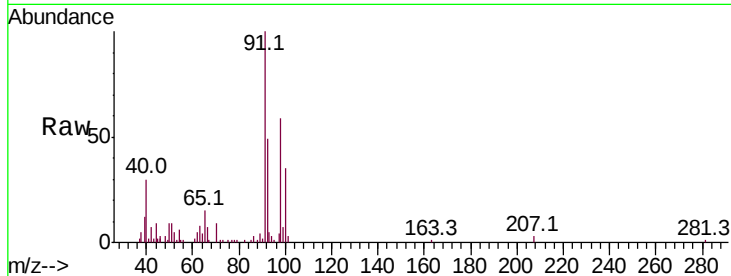
GAJ60

Tot Ion: 91 Resp: 33654

Ion Ratio Lower Upper

91 100

92 48.5 39.0 72.4



#52

Ethylbenzene

Concen: 45.744 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU031692.D

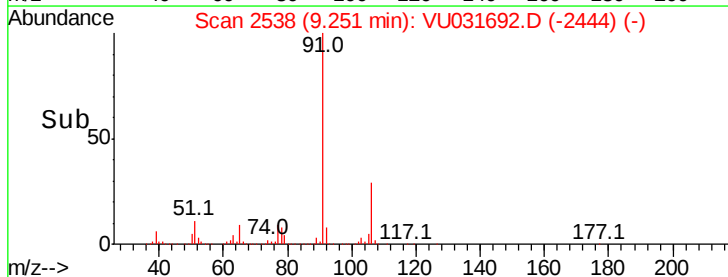
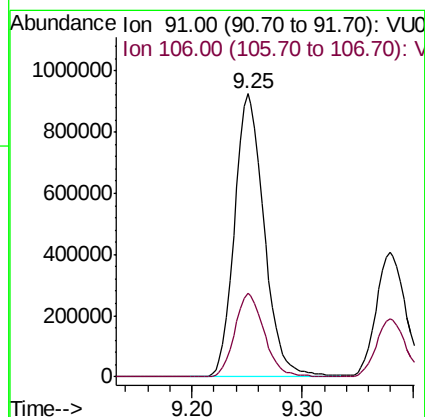
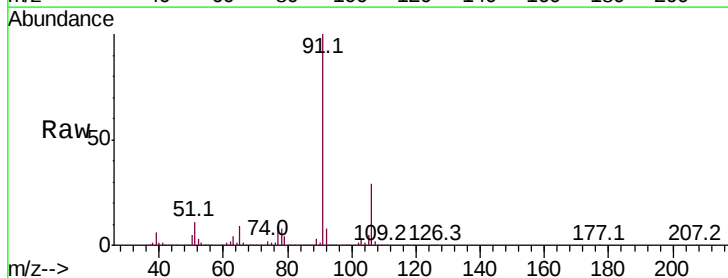
Acq: 01 May 2019 18:12

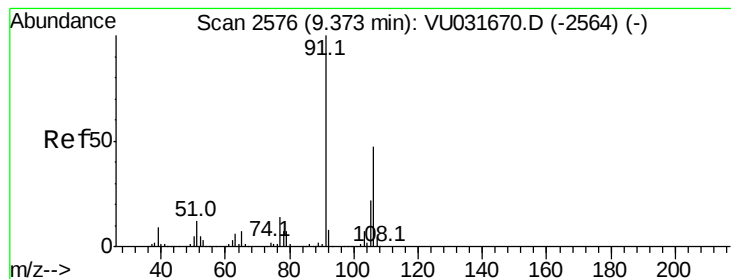
Tgt Ion: 91 Resp: 1722860

Ion Ratio Lower Upper

91 100

106 29.4 20.4 37.8





#53

m,p-Xylene

Concen: 27.018 ug/L

RT: 9.38 min Scan# 2578

Delta R.T. 0.01 min

Lab File: VU031692.D

Acq: 01 May 2019 18:12

Instrument :

MSVOA_U

ClientSampleId :

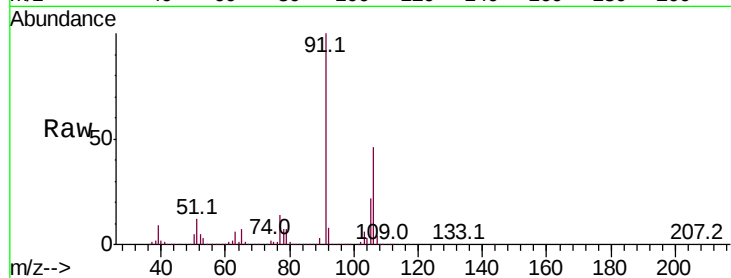
GAJ60

Tot Ion:106 Resp: 354537

Ion Ratio Lower Upper

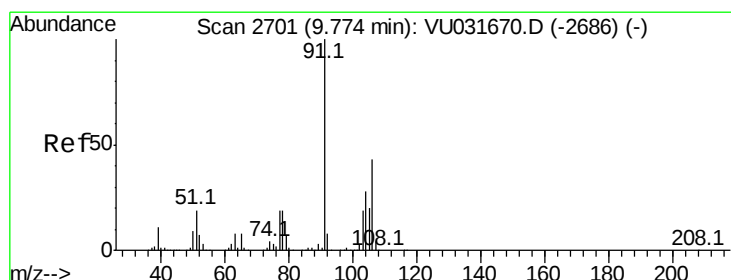
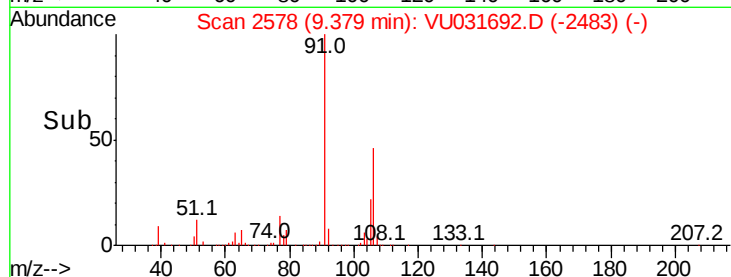
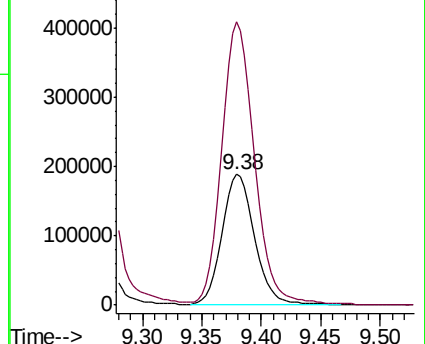
106 100

91 216.0 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 40.807 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU031692.D

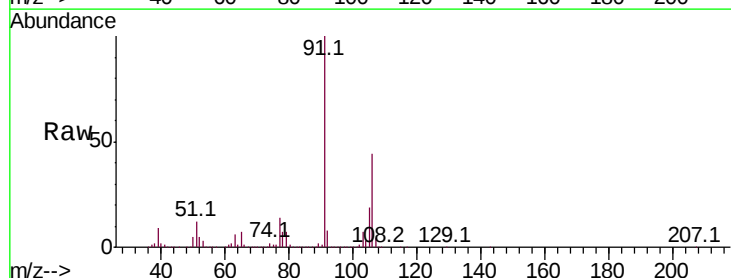
Acq: 01 May 2019 18:12

Tgt Ion:106 Resp: 530875

Ion Ratio Lower Upper

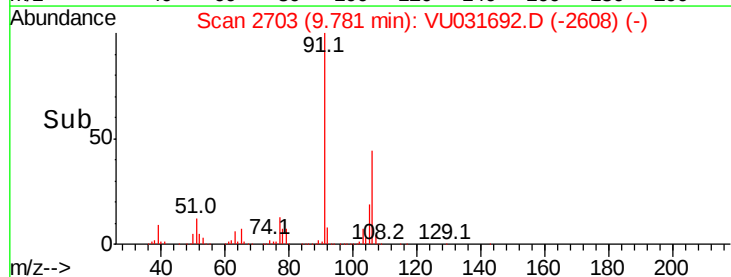
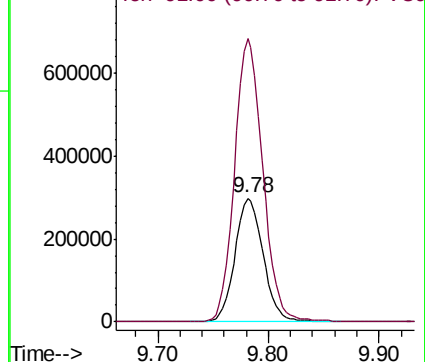
106 100

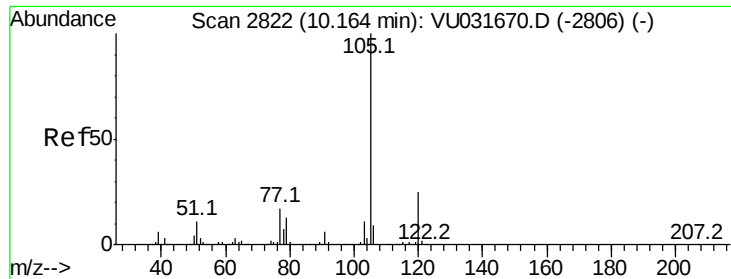
91 228.9 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 2.437 ug/L

RT: 10.17 min Scan# 2824

Delta R.T. 0.01 min

Lab File: VU031692.D

Acq: 01 May 2019 18:12

Instrument :

MSVOA_U

ClientSampleId :

GAJ60

Tot Ion:105 Resp: 83363

Ion Ratio Lower Upper

105 100

120 24.2 20.1 30.1

77 16.3 13.8 20.6

