Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036589.D
Acq On : 29 Jan 2020 13:21
Operator : JC/MD
Sample : L1271-03MSD
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4MSD

Quant Time: Jan 30 03:39:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	299989	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	299790	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161952	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	88814	39.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.06%			
7) Chloroethane-d5	1.89	69	22367	11.60	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 23.20%#			
11) 1,1-Dichloroethene-d2	2.57	63	116173	31.98	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.96%			
21) 2-Butanone-d5	4.68	46	112072	84.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.03%			
24) Chloroform-d	5.11	84	153440	41.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.40%			
26) 1,2-Dichloroethane-d4	5.74	65	98959	43.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.30%			
32) Benzene-d6	5.76	84	358460	42.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.02%			
36) 1,2-Dichloropropane-d6	6.73	67	110723	42.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.28%			
41) Toluene-d8	7.93	98	354707	43.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.44%			
43) trans-1,3-Dichloropropene-	8.21	79	54259	43.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.82%			
47) 2-Hexanone-d5	8.68	63	128596	105.53	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.53%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	177318	45.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.78%			
64) 1,2-Dichlorobenzene-d4	12.21	152	150453	43.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.58%			
Target Compounds						Qvalue
13) Acetone	2.67	43	2248	1.741	ug/L	87
15) Methyl Acetate	2.98	43	1992	0.987	ug/L	93
33) Benzene	5.81	78	763855	85.223	ug/L	100
42) Toluene	8.00	91	1533690	157.424	ug/L	99
52) Ethylbenzene	9.60	91	1072867	100.528	ug/L	99
53) m,p-Xylene	9.72	106	2730124	655.878	ug/L	99
54) o-xylene	10.13	106	1214090	292.407	ug/L	99
56) Isopropylbenzene	10.51	105	36749	3.481	ug/L	99

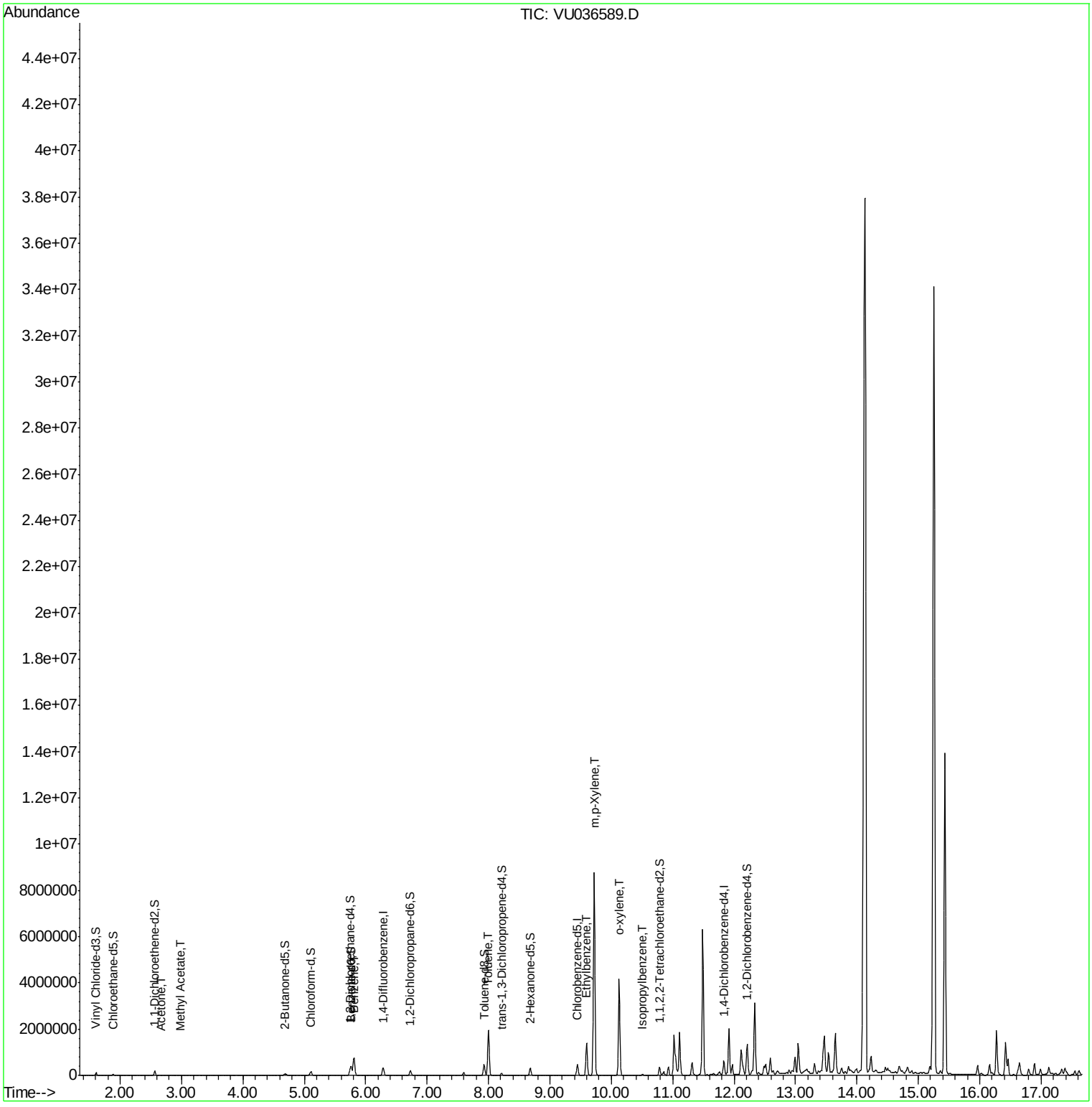
(#) = qualifier out of range (m) = manual integration (+) = signals summed

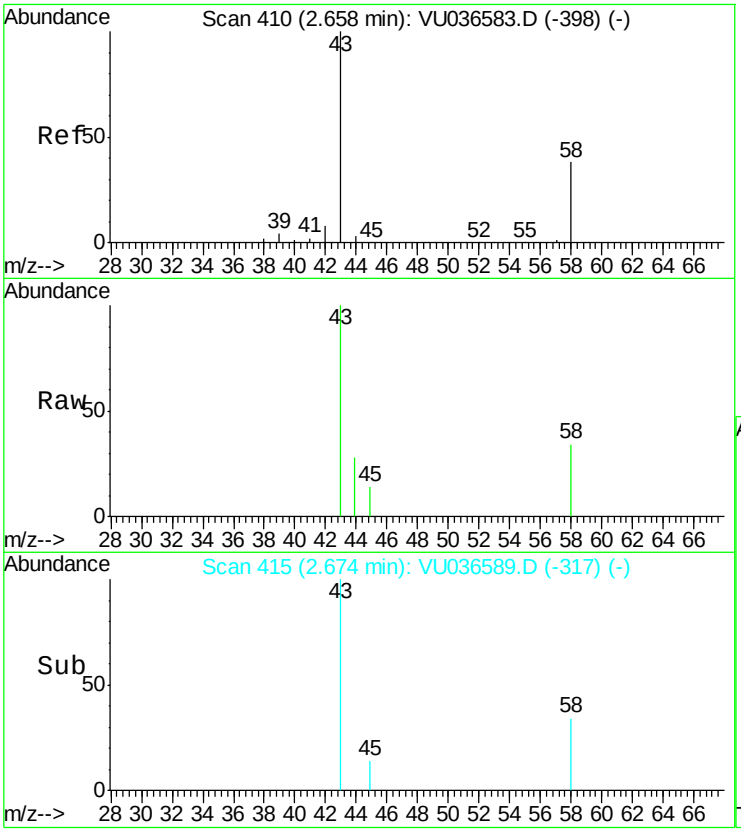
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036589.D
Acq On : 29 Jan 2020 13:21
Operator : JC/MD
Sample : L1271-03MSD
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4MSD

Quant Time: Jan 30 03:39:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration



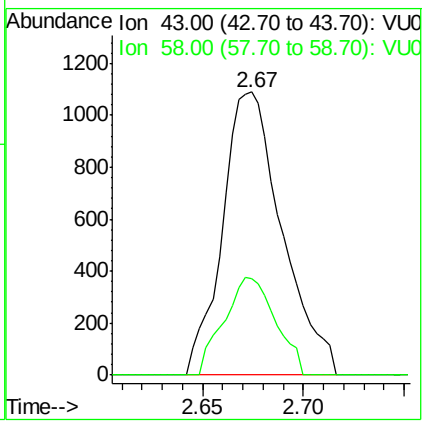


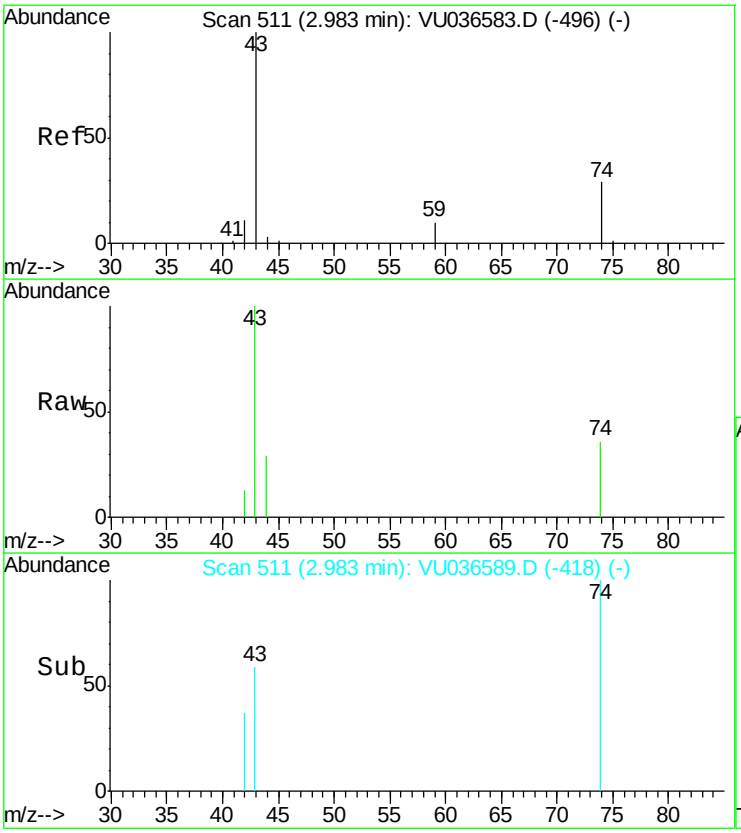
#13
Acetone
Concen: 1.741 ug/L
RT: 2.67 min Scan# 415
Delta R.T. 0.02 min
Lab File: VU036589.D
Acq: 29 Jan 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
GASZ4MSD

Tgt Ion: 43 Resp: 2248

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	75.4

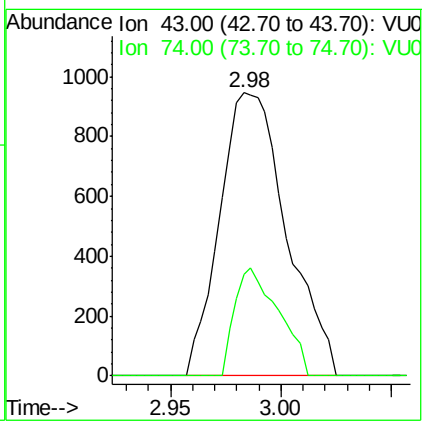


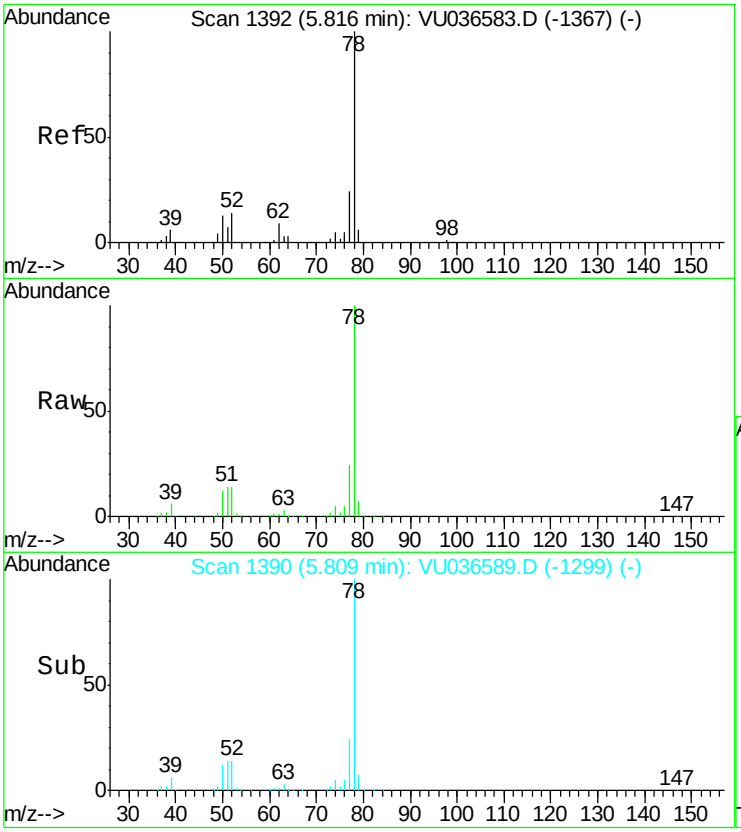


#15
Methyl Acetate
Concen: 0.987 ug/L
RT: 2.98 min Scan# 511
Delta R.T. 0.00 min
Lab File: VU036589.D
Acq: 29 Jan 2020 13:21

Tgt Ion: 43 Resp: 1992

Ion	Ratio	Lower	Upper
43	100		
74	25.2	23.3	34.9

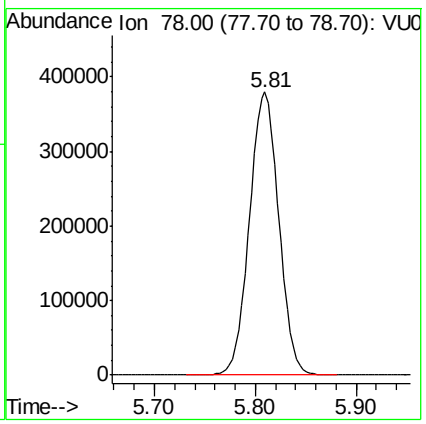


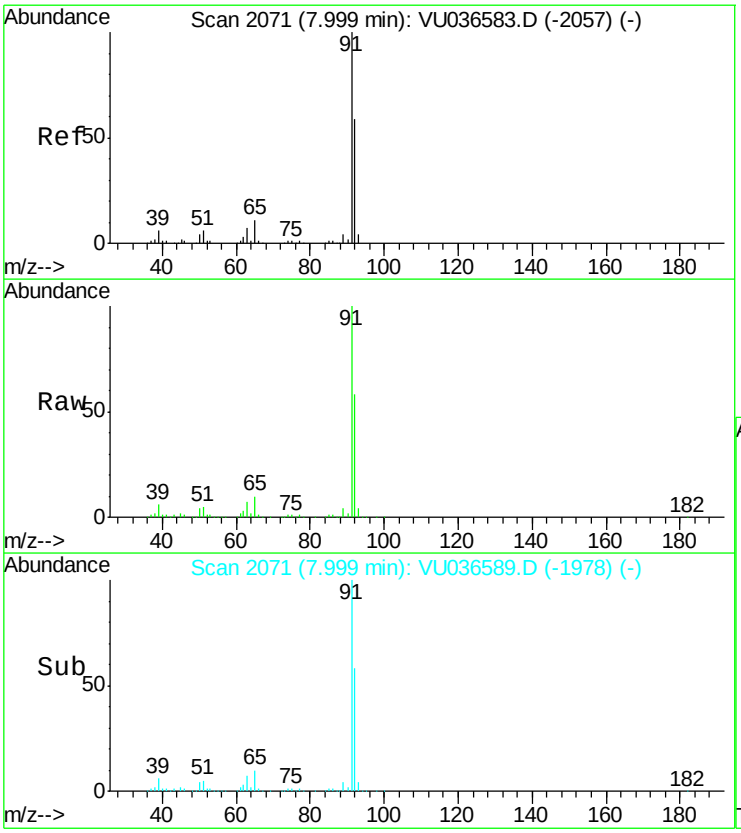


#33
Benzene
Concen: 85.223 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VU036589.D
Acq: 29 Jan 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
GASZ4MSD

Tgt Ion: 78 Resp: 763855

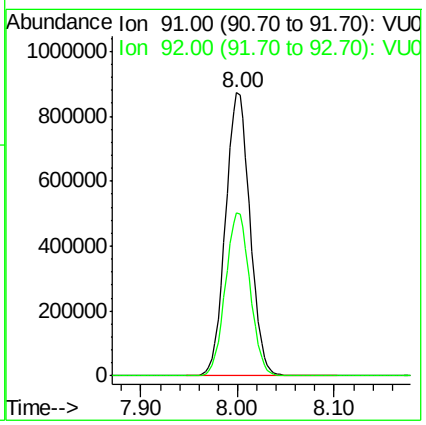


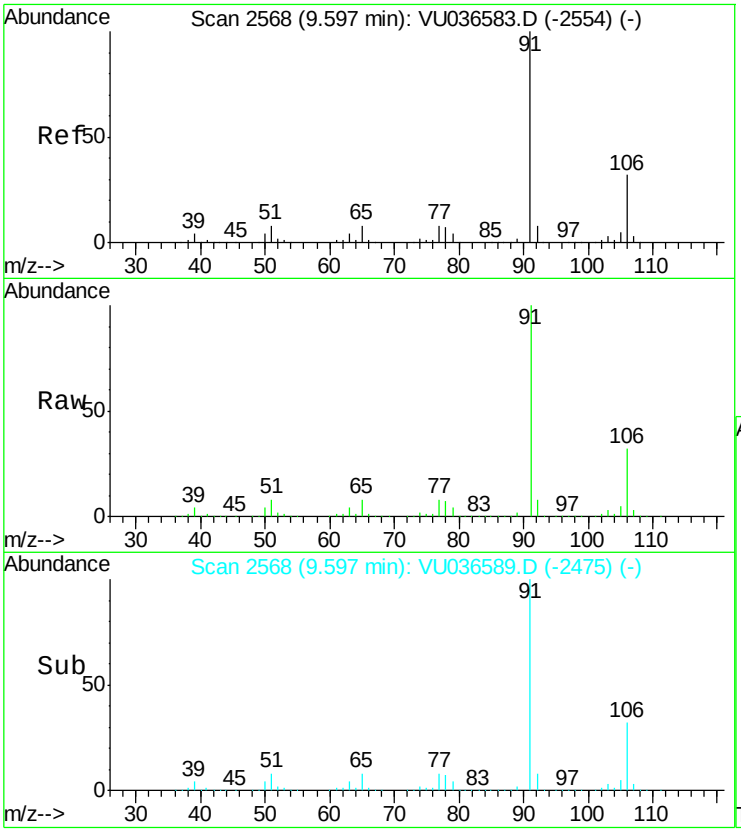


#42
Toluene
Concen: 157.424 ug/L
RT: 8.00 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VU036589.D
Acq: 29 Jan 2020 13:21

Tgt Ion: 91 Resp: 1533690

Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.9	74.1



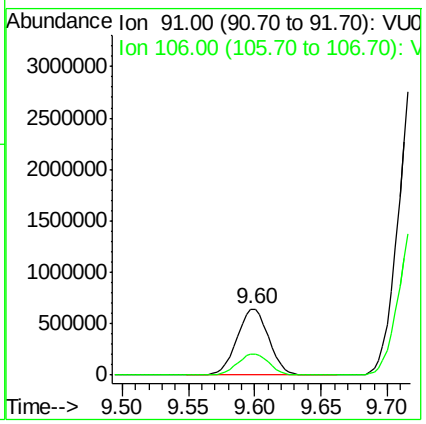


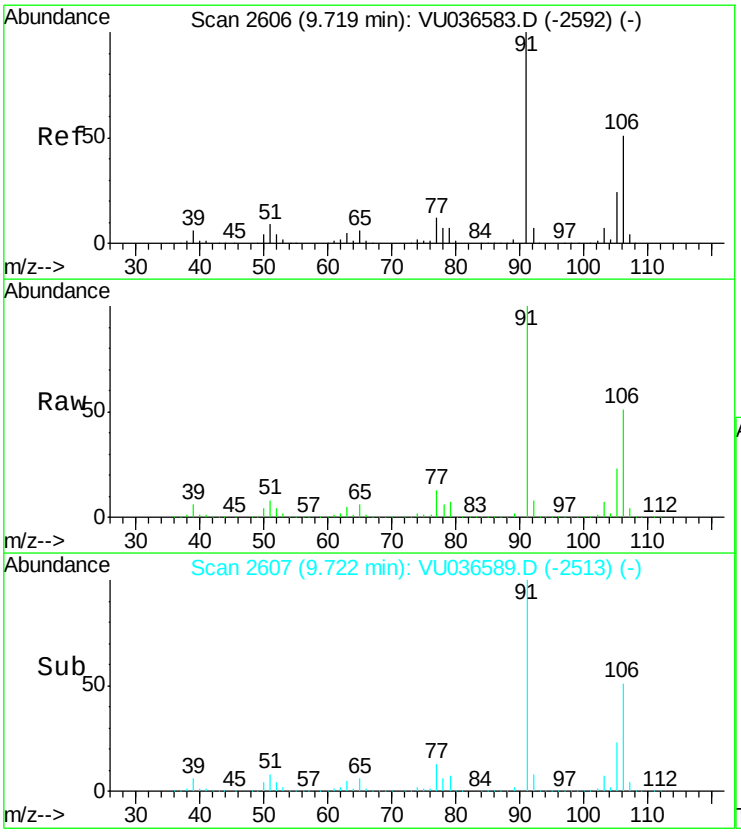
#52
Ethylbenzene
Concen: 100.528 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036589.D
Acq: 29 Jan 2020 13:21

Instrument : MSVOA_U
ClientSampleId : GASZ4MSD

Tgt Ion: 91 Resp: 1072867

Ion	Ratio	Lower	Upper
91	100		
106	31.7	22.6	42.0

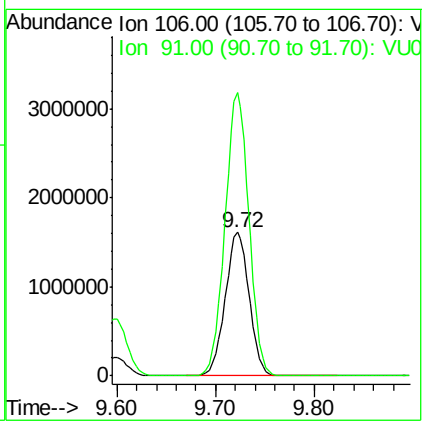


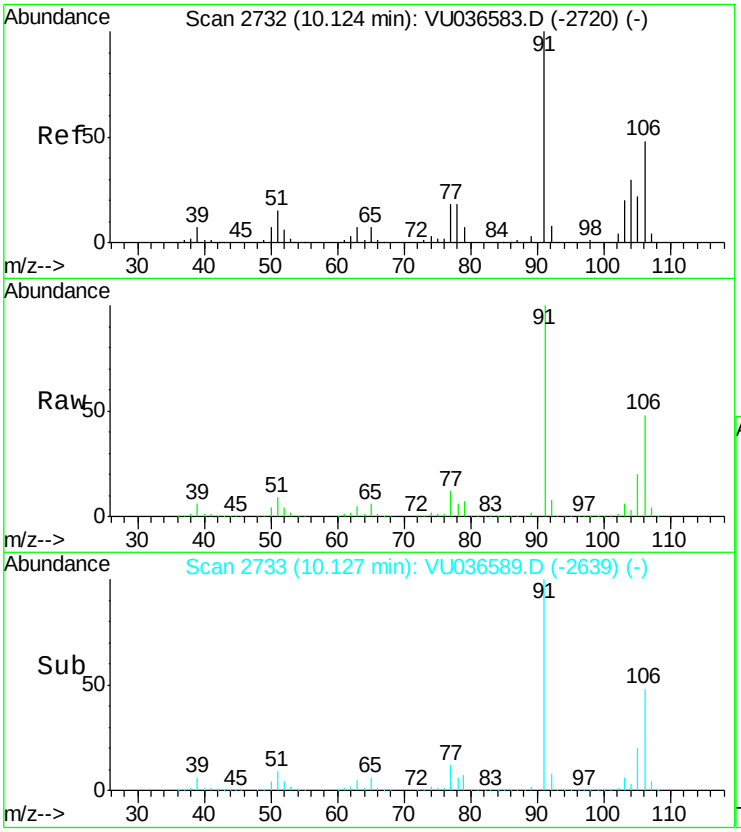


#53
m,p-Xylene
Concen: 655.878 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036589.D
Acq: 29 Jan 2020 13:21

Tgt Ion:106 Resp: 2730124

Ion	Ratio	Lower	Upper
106	100		
91	197.0	139.4	259.0



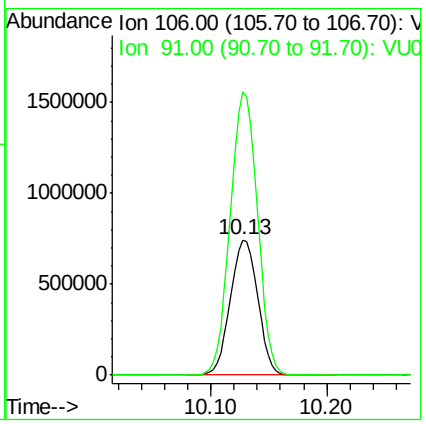


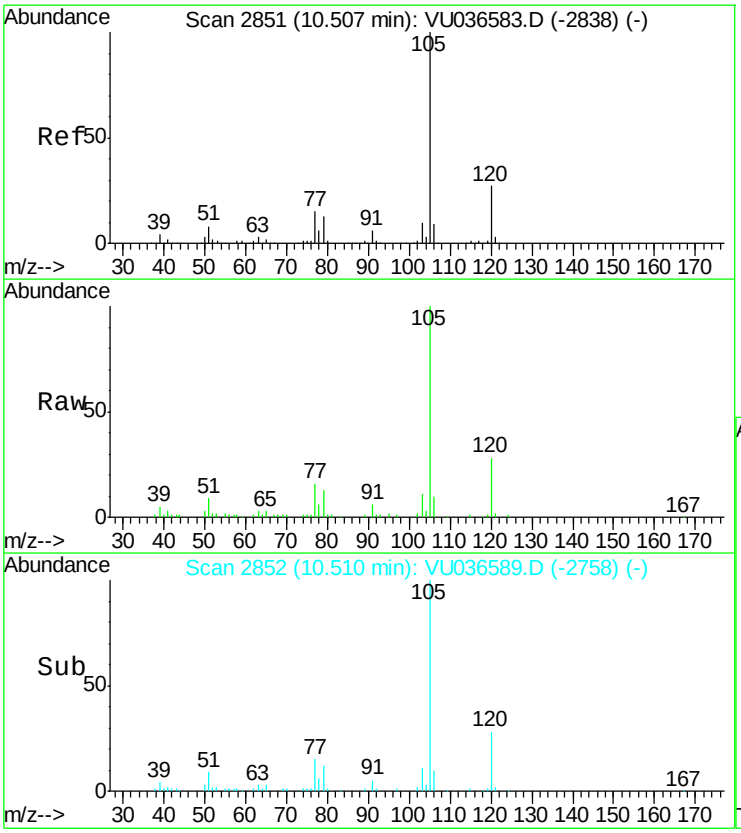
#54
o-xylene
Concen: 292.407 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036589.D
Acq: 29 Jan 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
GASZ4MSD

Tgt Ion:106 Resp: 1214090

Ion	Ratio	Lower	Upper
106	100		
91	209.6	145.9	271.1





#56
Isopropylbenzene
Concen: 3.481 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036589.D
Acq: 29 Jan 2020 13:21

Tgt Ion:105 Resp: 36749

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.6	32.4
77	16.0	11.8	17.8