Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036502.D
Acq On : 16 Jan 2020 15:27
Operator : JC/MD
Sample : L1109-11DL 20X
Misc : 5.09G/5.0mL/100 uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASH0ME

Quant Time: Jan 16 16:24:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 14:24:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	649931	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	617288	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	312957	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	155892	37.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.00%			
7) Chloroethane-d5	1.93	69	147759	40.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.02%			
11) 1,1-Dichloroethene-d2	2.59	63	250005	30.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.80%			
21) 2-Butanone-d5	4.68	46	309003	85.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.29%			
24) Chloroform-d	5.11	84	367784	43.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.68%			
26) 1,2-Dichloroethane-d4	5.74	65	250911	44.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.98%			
32) Benzene-d6	5.77	84	722531	44.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.52%			
36) 1,2-Dichloropropane-d6	6.73	67	236448	45.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.08%			
41) Toluene-d8	7.93	98	695274	45.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.06%			
43) trans-1,3-Dichloropropene-	8.21	79	123780	43.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.52%			
47) 2-Hexanone-d5	8.67	63	244412	90.84	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.84%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	360946	45.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	277806	45.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.14%			
Target Compounds						Qvalue
33) Benzene	5.81	78	151068	8.517	ug/L	100
42) Toluene	8.00	91	640943	33.269	ug/L	99
52) Ethylbenzene	9.60	91	81610	3.793	ug/L	99
53) m,p-Xylene	9.72	106	344153	42.770	ug/L	100
54) o-xylene	10.12	106	124964	15.556	ug/L	99
55) Styrene	10.14	104	35449	2.721	ug/L #	58
66) 1,2-Dibromo-3-chloropropan	13.04	75	12428	5.814	ug/L #	8
69) Naphthalene	14.10	128	7749065	522.196	ug/L	99

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

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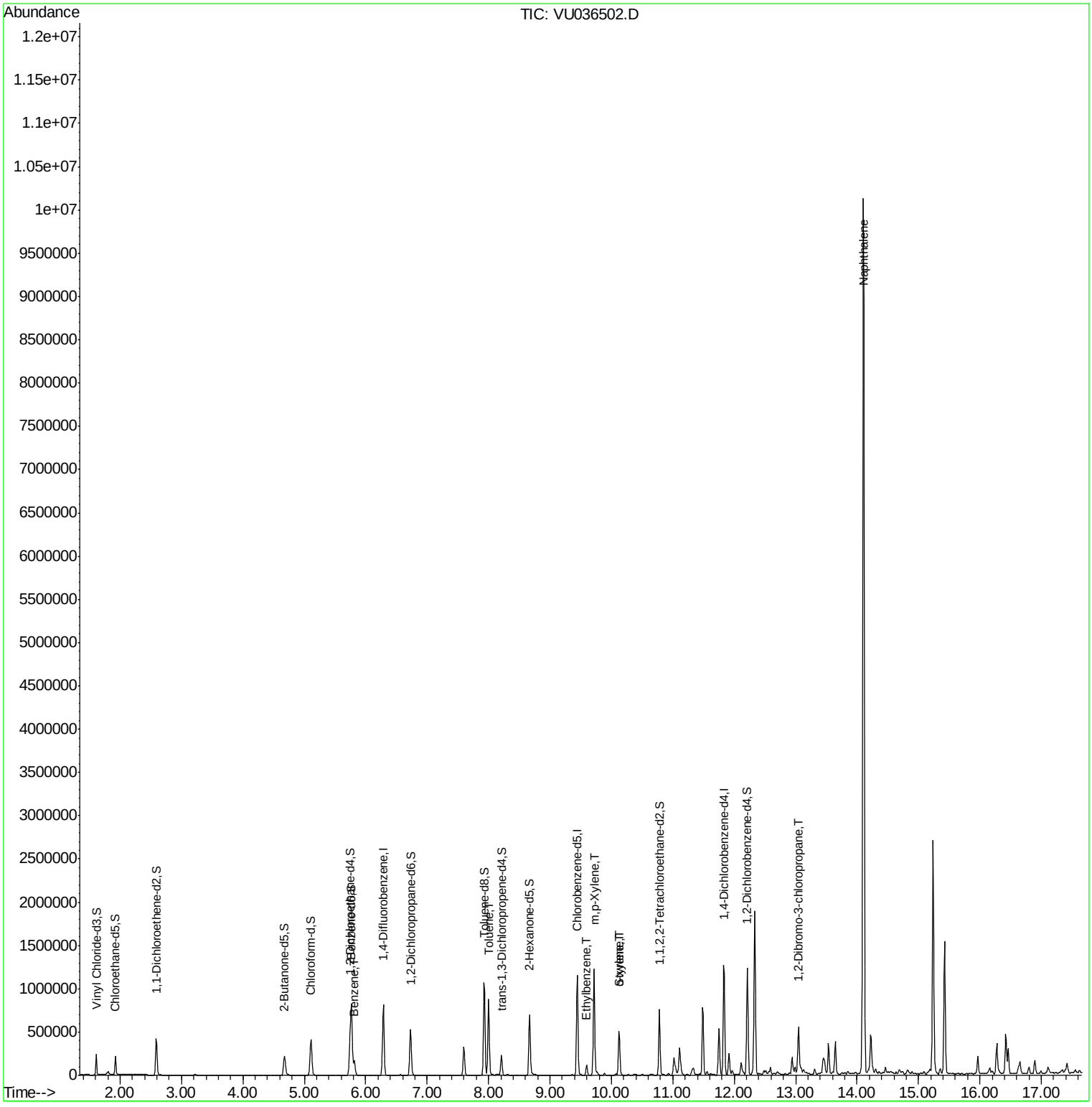
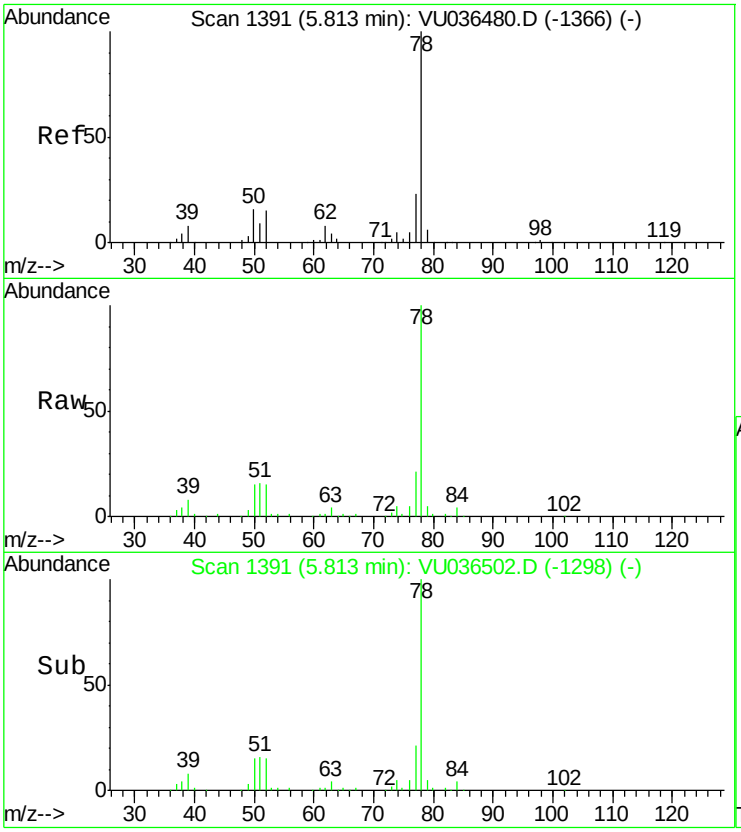
Sample : L1109-11DL 20X
Misc : 5.09G/5.0mL/100 uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASH0ME

Quant Time: Jan 16 16:24:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 14:24:21 2020
Response via : Initial Calibration

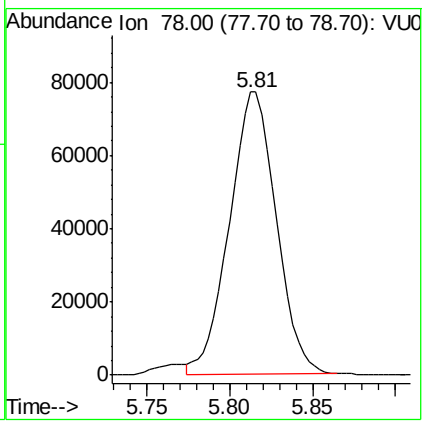


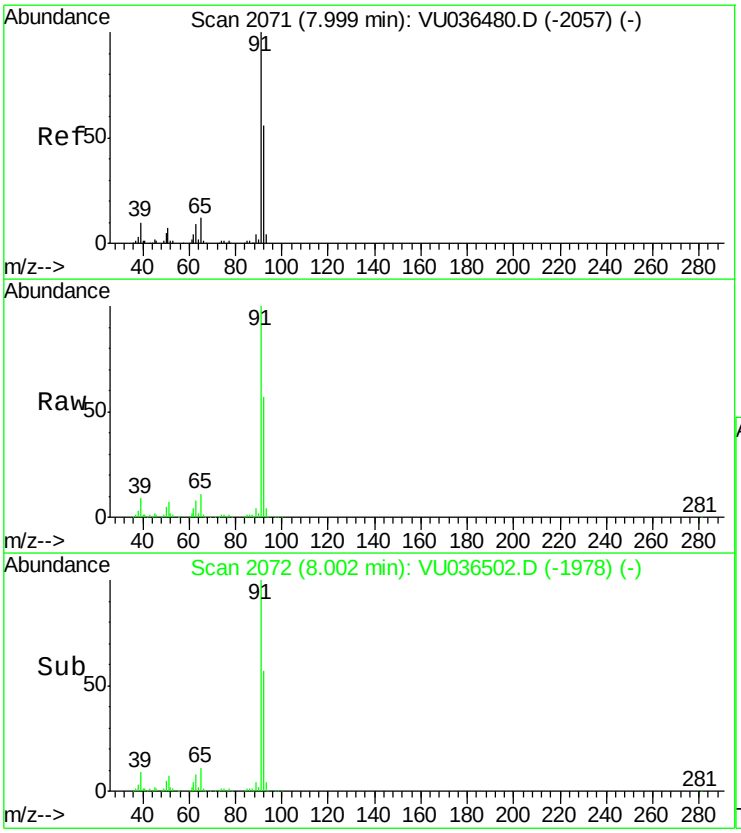


#33
Benzene
Concen: 8.517 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU036502.D
Acq: 16 Jan 2020 15:27

Instrument :
MSVOA_U
ClientSampleId :
GASH0ME

Tgt Ion: 78 Resp: 151068

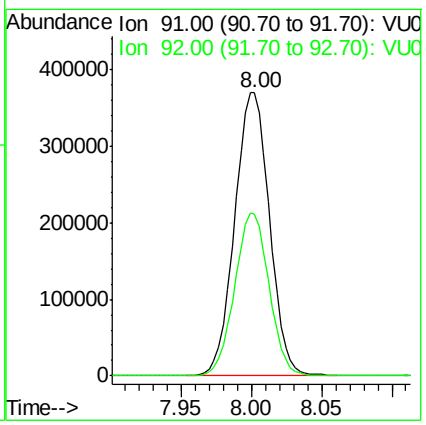


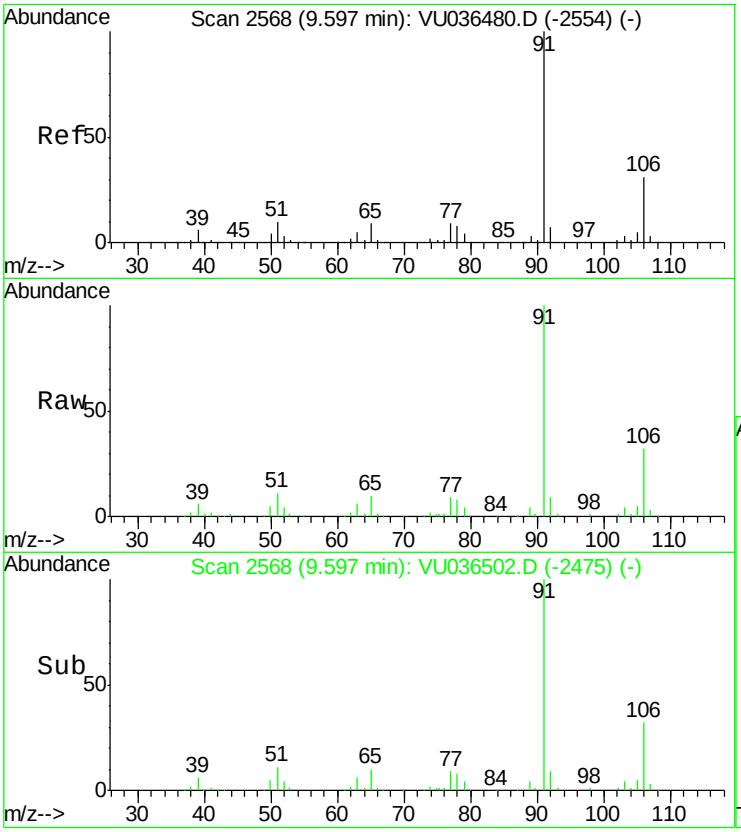


#42
Toluene
Concen: 33.269 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036502.D
Acq: 16 Jan 2020 15:27

Tgt Ion: 91 Resp: 640943

Ion	Ratio	Lower	Upper
91	100		
92	57.3	39.5	73.3



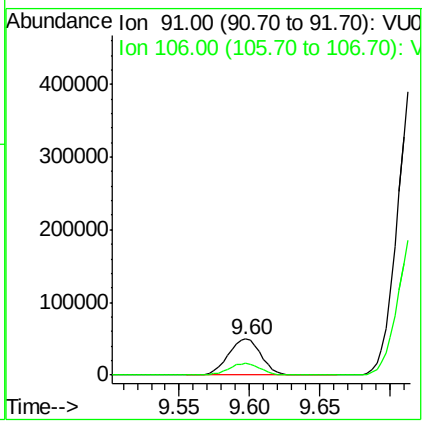


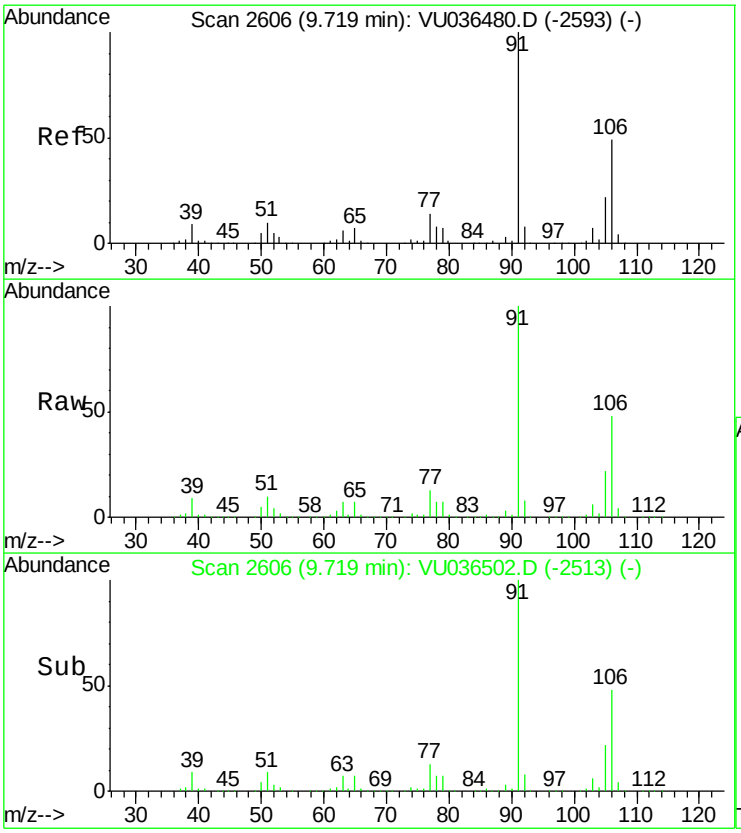
#52
Ethylbenzene
Concen: 3.793 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036502.D
Acq: 16 Jan 2020 15:27

Instrument : MSVOA_U
ClientSampleId : GASH0ME

Tgt Ion: 91 Resp: 81610

Ion	Ratio	Lower	Upper
91	100		
106	32.2	22.3	41.3

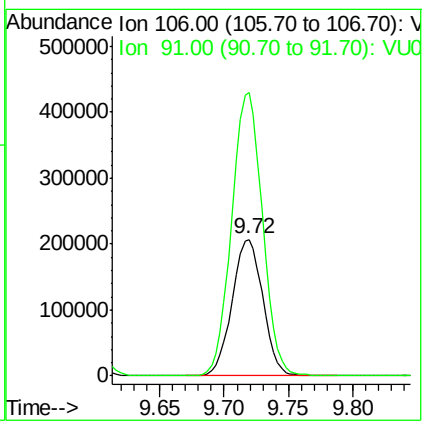


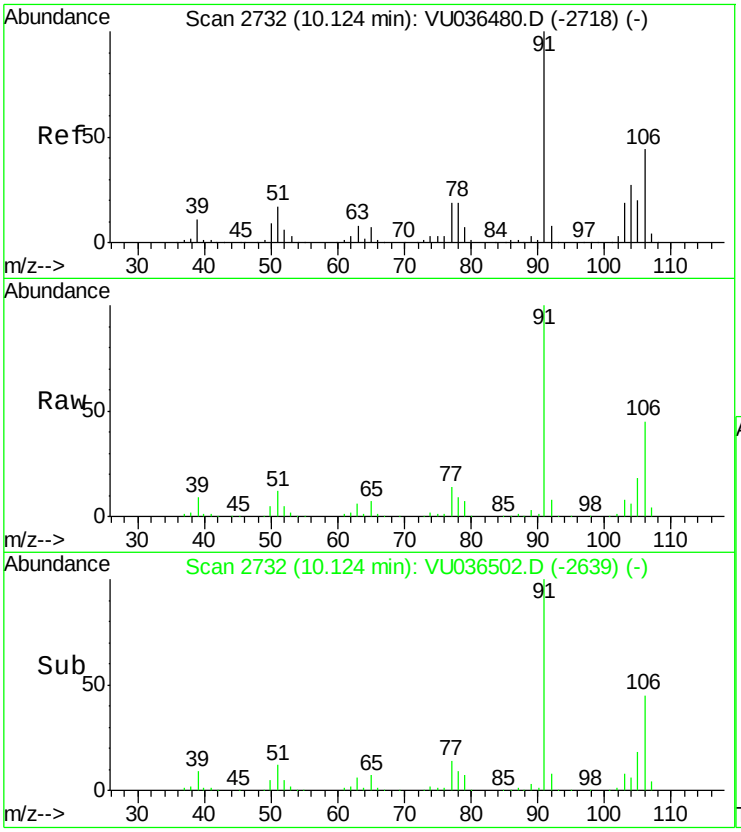


#53
m,p-Xylene
Concen: 42.770 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VU036502.D
Acq: 16 Jan 2020 15:27

Tgt Ion:106 Resp: 344153

Ion	Ratio	Lower	Upper
106	100		
91	207.6	145.9	270.9



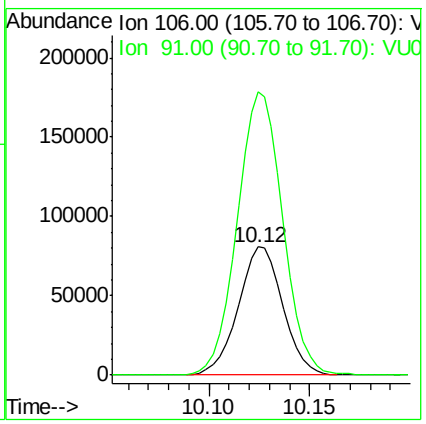


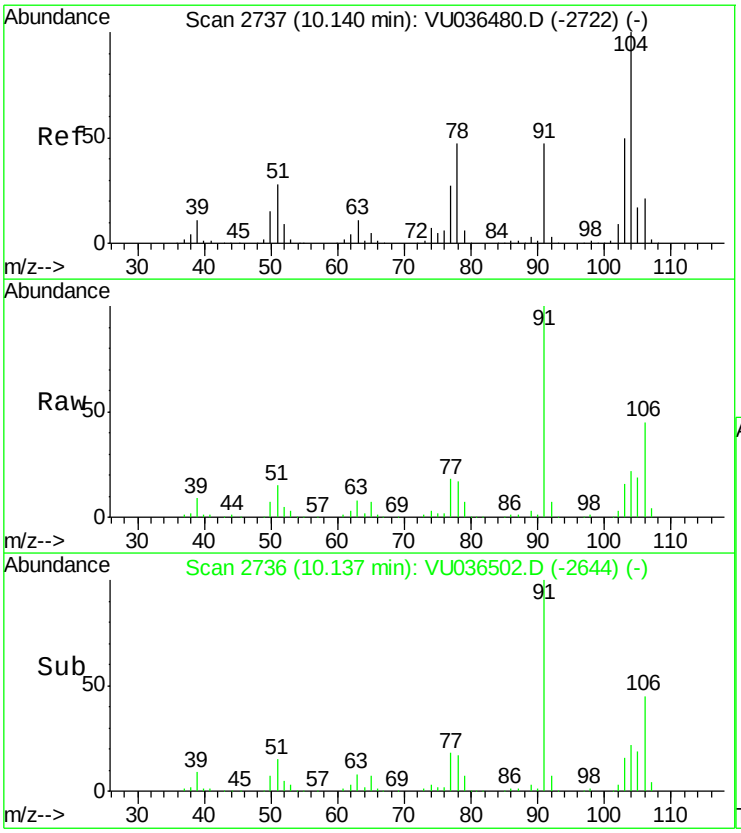
#54
o-xylene
Concen: 15.556 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU036502.D
Acq: 16 Jan 2020 15:27

Instrument :
MSVOA_U
ClientSampleId :
GASH0ME

Tgt Ion:106 Resp: 124964

Ion	Ratio	Lower	Upper
106	100		
91	221.1	156.4	290.4

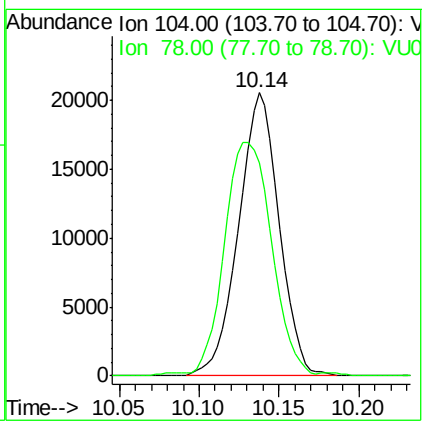


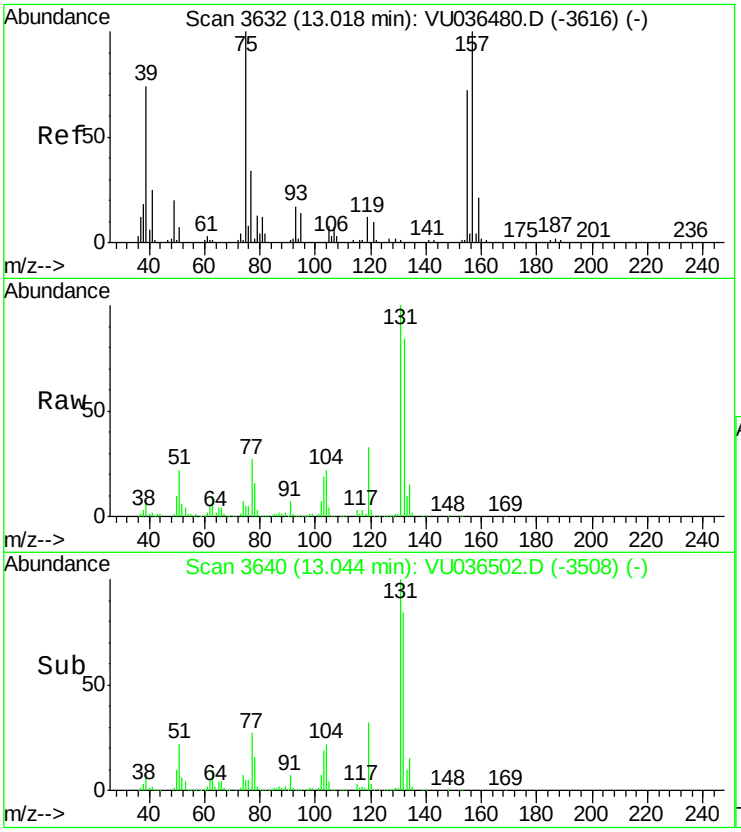


#55
Styrene
Concen: 2.721 ug/L
RT: 10.14 min Scan# 2736
Delta R.T. -0.00 min
Lab File: VU036502.D
Acq: 16 Jan 2020 15:27

Tgt Ion:104 Resp: 35449

Ion	Ratio	Lower	Upper
104	100		
78	75.4	33.2	61.7#



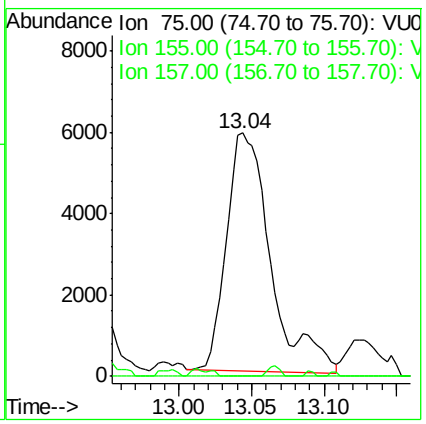


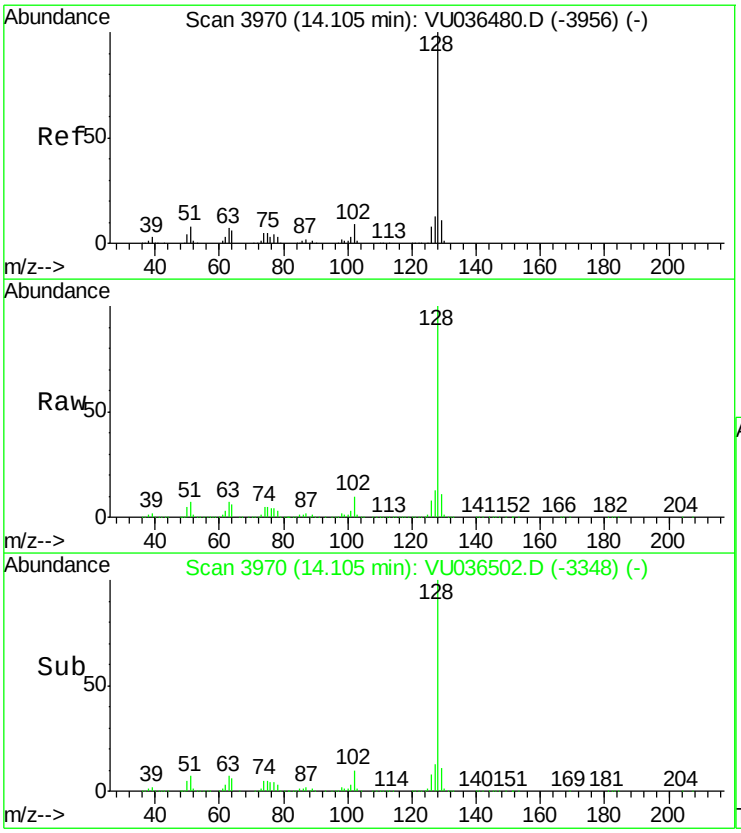
#66
1,2-Dibromo-3-chloropropane
Concen: 5.814 ug/L
RT: 13.04 min Scan# 3640
Delta R.T. 0.03 min
Lab File: VU036502.D
Acq: 16 Jan 2020 15:27

Instrument :
MSVOA_U
ClientSampleId :
GASH0ME

Tgt Ion: 75 Resp: 12428

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.1	88.7#
157	0.0	72.7	109.1#





#69
Naphthalene
Concen: 522.196 ug/L
RT: 14.10 min Scan# 3970
Delta R.T. 0.00 min
Lab File: VU036502.D
Acq: 16 Jan 2020 15:27

Tgt Ion:128 Resp: 7749065

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.8	8.6	12.8