Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Time: Jun 04 03:51:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 04 01:48:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	292849	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	291712	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	150156	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	56913	3.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.00%			
7) Chloroethane-d5	1.93	69	58568	4.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.40%			
11) 1,1-Dichloroethene-d2	2.59	63	95867	2.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.40%#			
20) 2-Butanone-d5	4.67	46	340459	59.13	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.26%			
24) Chloroform-d	5.10	84	170469	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.74	65	105153	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
32) Benzene-d6	5.76	84	333401	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.72	67	113204	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	7.92	98	301532	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	8.20	79	44428	4.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.20%			
46) 2-Hexanone-d5	8.65	63	289897	60.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.90%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101906	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	132944	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
13) Acetone	2.67	43	7842	2.081	ug/L	93
30) Cyclohexane	5.42	56	64721	2.000	ug/L	97
35) Methylcyclohexane	6.79	83	307840	9.418	ug/L	88
52) Ethylbenzene	9.59	91	22366	0.236	ug/L	96
53) m,p-Xylene	9.71	106	77082	2.111	ug/L	96
54) o-Xylene	10.12	106	27672	0.790	ug/L	92
56) Isopropylbenzene	10.50	105	36298	0.394	ug/L	98

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

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Quant Title : TRACE VOA SOM01.0
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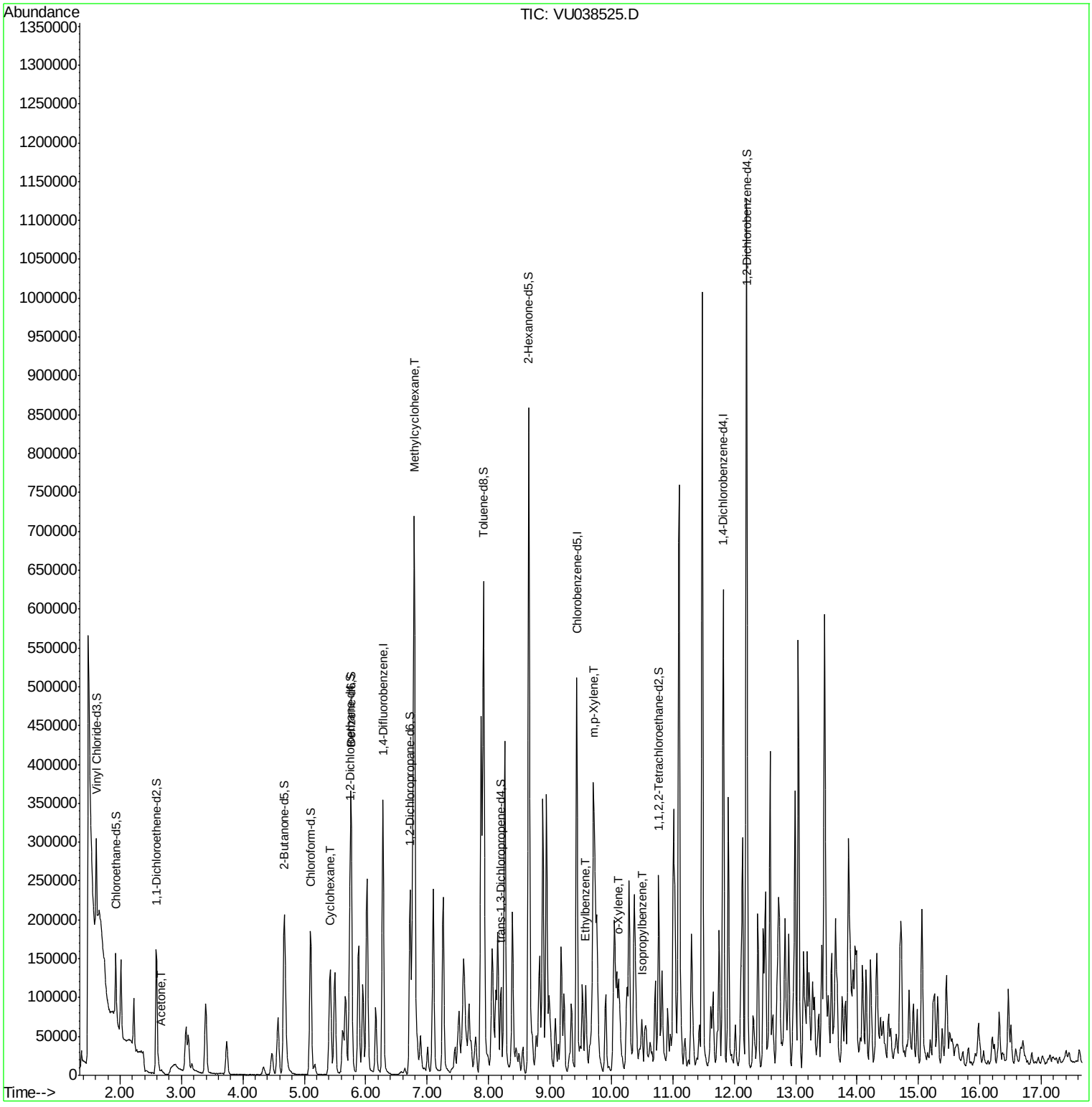
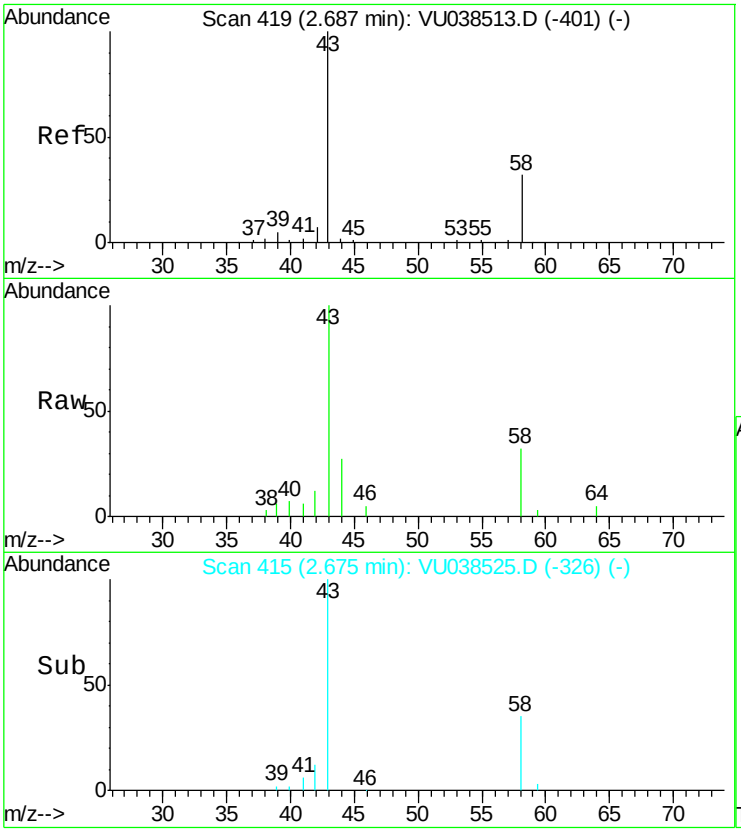
Response via : Initial Calibration



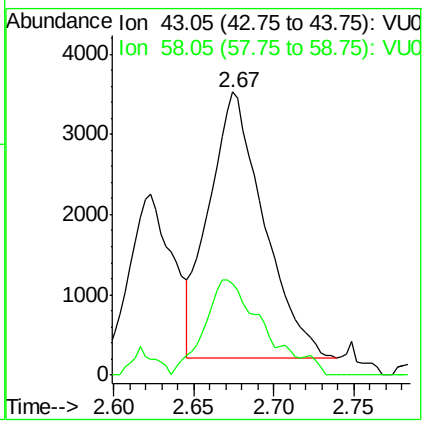


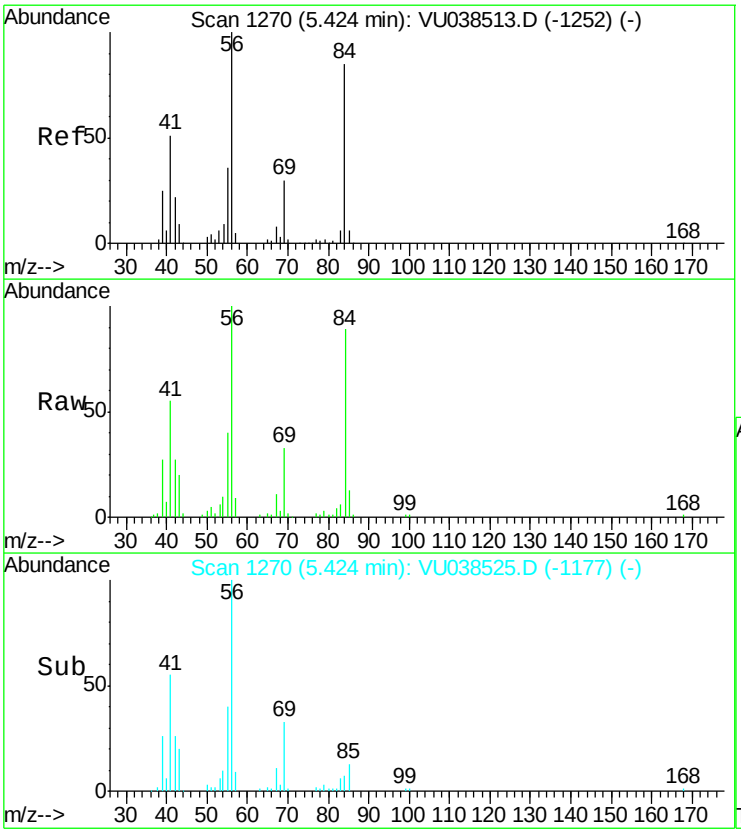
#13
Acetone
Concen: 2.081 ug/L
RT: 2.67 min Scan# 415
Delta R.T. -0.01 min
Lab File: VU038525.D
Acq: 03 Jun 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :
C0AF2

Tgt Ion: 43 Resp: 7842

Ion	Ratio	Lower	Upper
43	100		
58	36.9	0.0	65.6

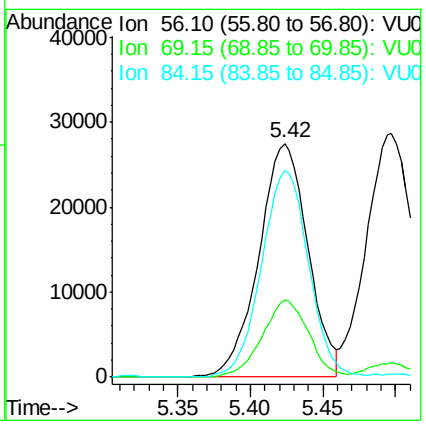


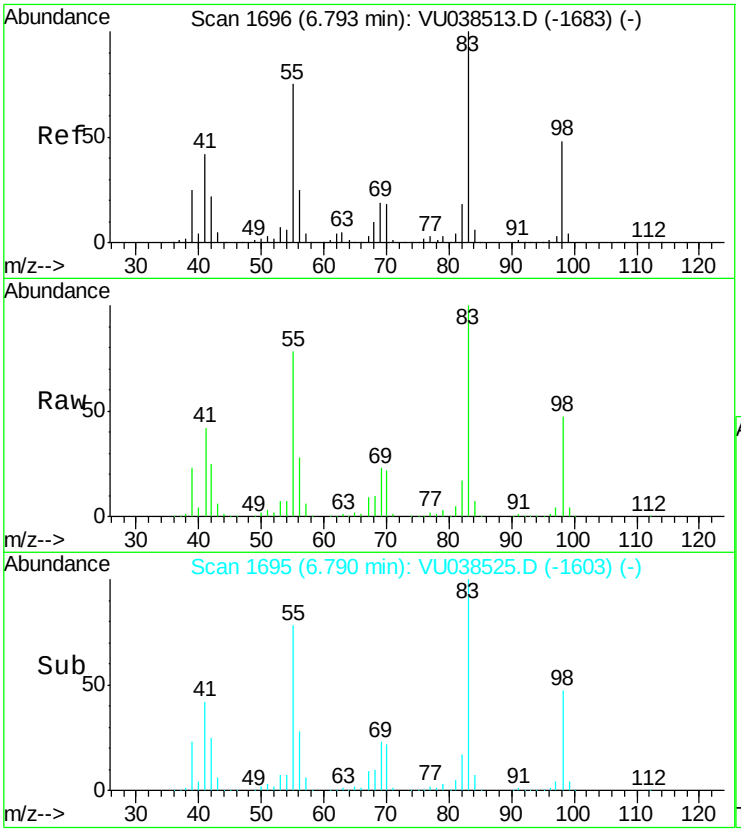


#30
Cyclohexane
Concen: 2.000 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038525.D
Acq: 03 Jun 2020 19:44

Tgt Ion: 56 Resp: 64721

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.2	36.4
84	84.9	70.8	106.2



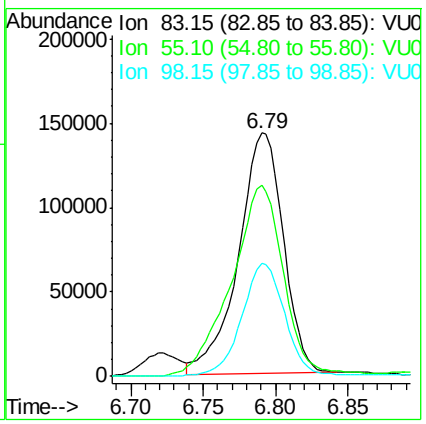


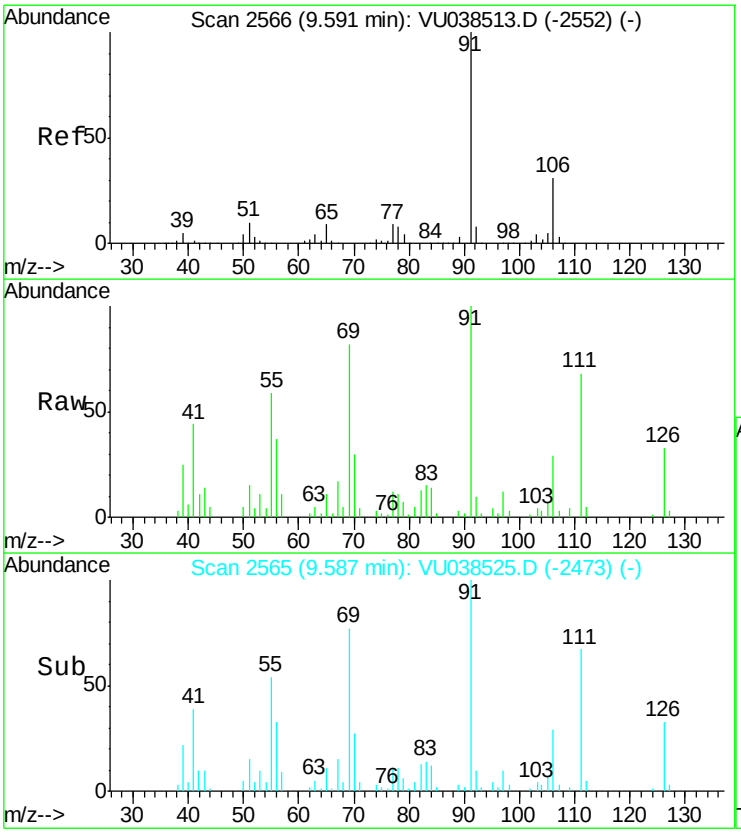
#35
Methylcyclohexane
Concen: 9.418 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU038525.D
Acq: 03 Jun 2020 19:44

Instrument : MSVOA_U
ClientSampleId : C0AF2

Tgt Ion: 83 Resp: 307840

Ion	Ratio	Lower	Upper
83	100		
55	92.8	63.4	95.2
98	44.8	39.0	58.4

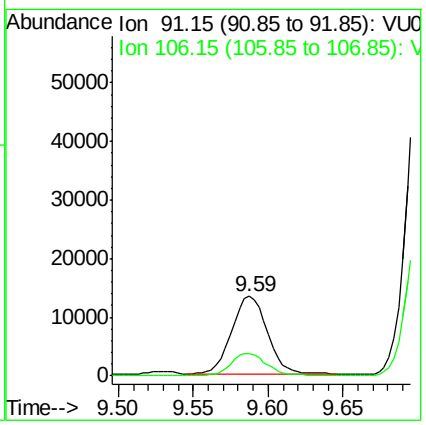


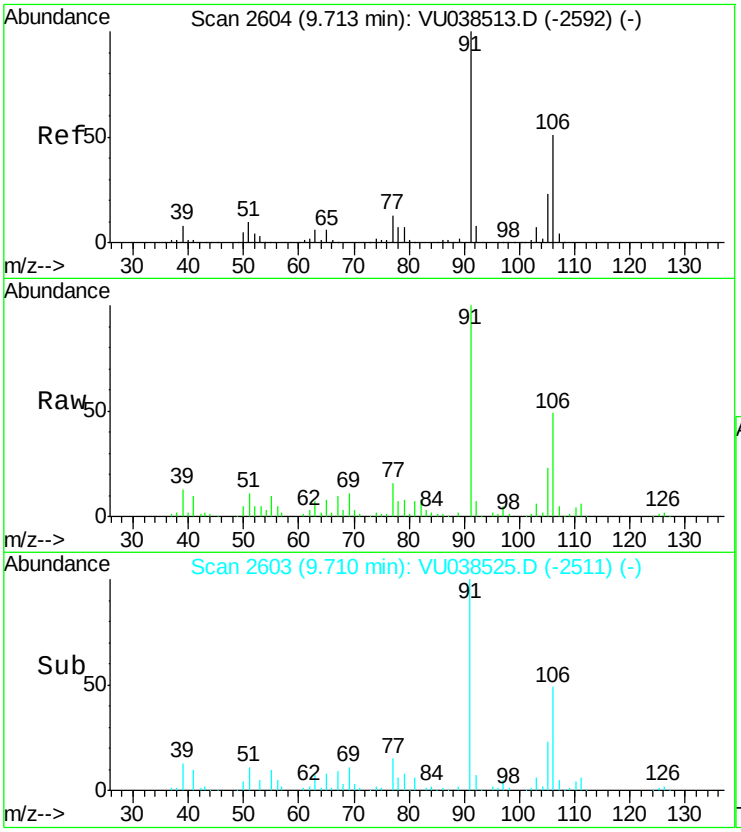


#52
Ethylbenzene
Concen: 0.236 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038525.D
Acq: 03 Jun 2020 19:44

Tgt Ion: 91 Resp: 22366

Ion	Ratio	Lower	Upper
91	100		
106	28.7	21.7	40.3



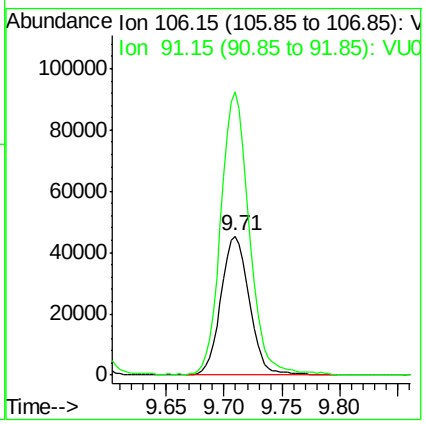


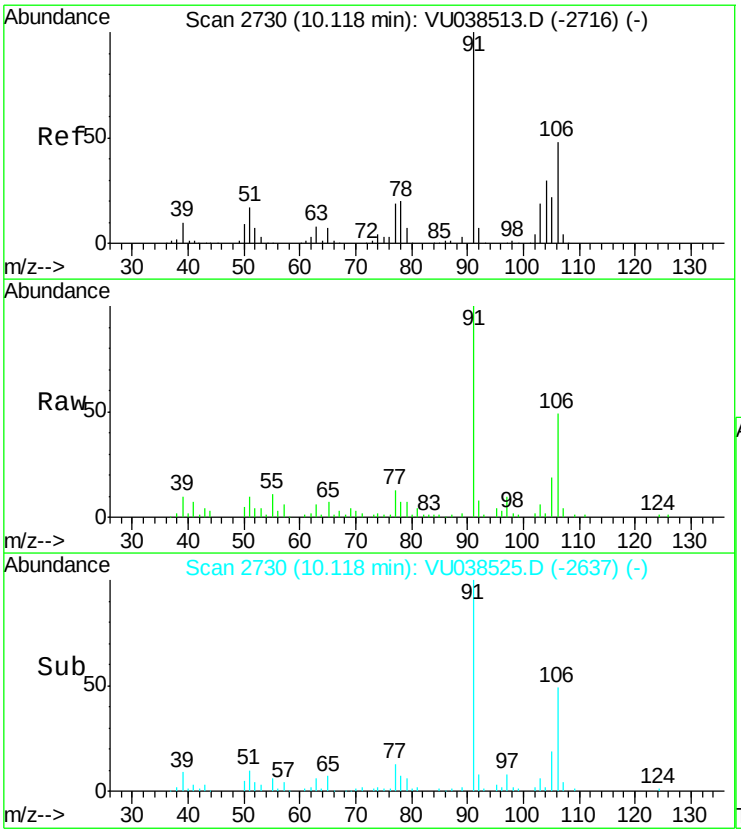
#53
m,p-Xylene
Concen: 2.111 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038525.D
Acq: 03 Jun 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :
C0AF2

Tgt Ion:106 Resp: 77082

Ion	Ratio	Lower	Upper
106	100		
91	203.1	138.1	256.5

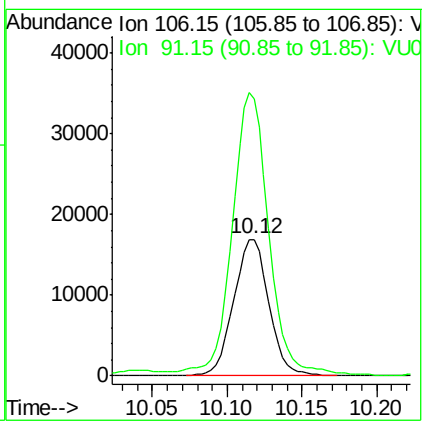


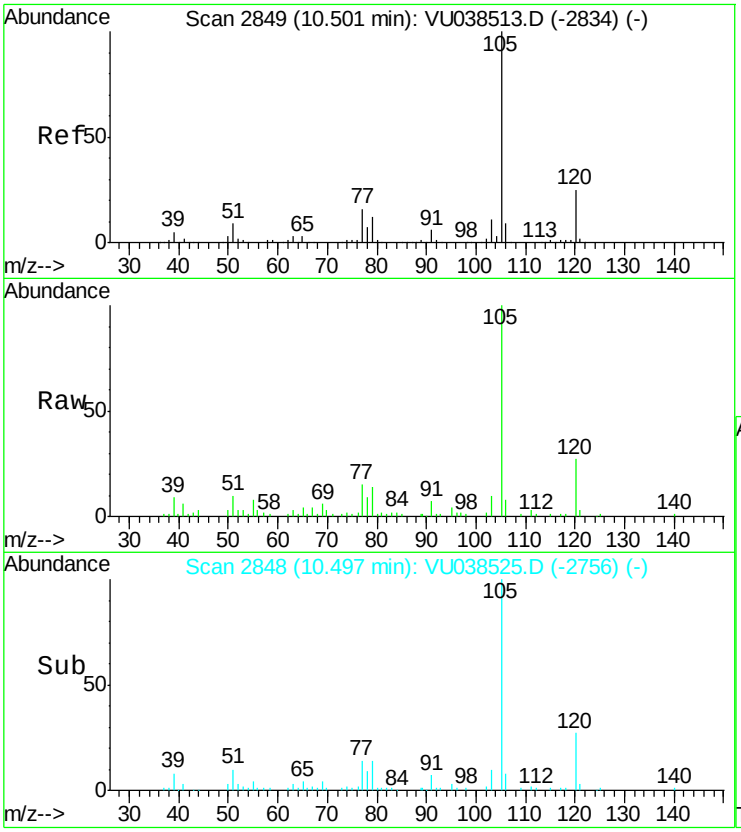


#54
o-Xylene
Concen: 0.790 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038525.D
Acq: 03 Jun 2020 19:44

Tgt Ion:106 Resp: 27672

Ion	Ratio	Lower	Upper
106	100		
91	202.9	150.6	279.8





#56
Isopropylbenzene
Concen: 0.394 ug/L
RT: 10.50 min Scan# 2848
Delta R.T. -0.00 min
Lab File: VU038525.D
Acq: 03 Jun 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :
C0AF2

Tgt Ion:105 Resp: 36298

Ion	Ratio	Lower	Upper
105	100		
120	26.9	20.7	31.1
77	14.5	12.5	18.7