Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112019\
Data File : VU035787.D
Acq On : 20 Nov 2019 14:17
Operator : JC/SP
Sample : K5811-05ME
Misc : 4.29g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETOP3ME

Quant Time: Nov 21 04:38:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 21 04:09:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	677332	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	695952	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	269698	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	229996	42.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.08%			
7) Chloroethane-d5	1.89	69	167034	38.23	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.46%			
11) 1,1-Dichloroethene-d2	2.56	63	310723	36.52	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.04%			
21) 2-Butanone-d5	4.70	46	423239	132.45	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 132.45%#			
24) Chloroform-d	5.11	84	433075	51.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.52%			
26) 1,2-Dichloroethane-d4	5.75	65	303664	58.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.34%			
32) Benzene-d6	5.76	84	873201	48.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.26%			
36) 1,2-Dichloropropane-d6	6.73	67	302537	51.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.86%			
41) Toluene-d8	7.93	98	755609	44.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.32%			
43) trans-1,3-Dichloropropene-	8.21	79	136997	50.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.10%			
47) 2-Hexanone-d5	8.69	63	287860	127.67	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 127.67%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	446588	53.38	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.76%			
64) 1,2-Dichlorobenzene-d4	12.22	152	245502	45.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.26%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.71	96	80530	16.386	ug/L	88
34) Trichloroethene	6.58	95	128960	25.935	ug/L	97
46) Tetrachloroethene	8.58	164	144464	34.745	ug/L	99
52) Ethylbenzene	9.60	91	22504	1.027	ug/L	91
53) m,p-Xylene	9.73	106	33849	4.116	ug/L	94
54) o-xylene	10.13	106	21648	2.693	ug/L	94

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

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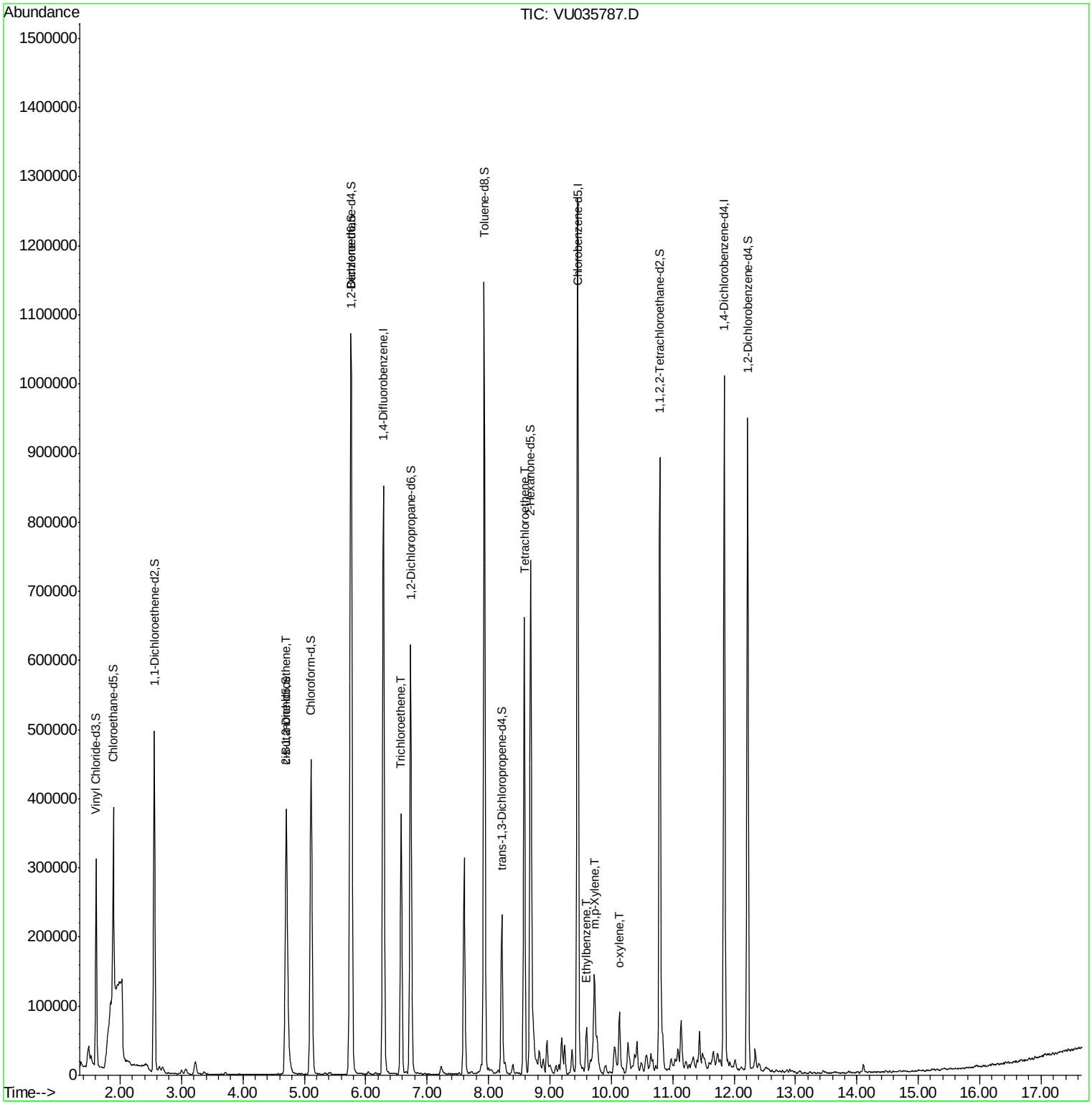
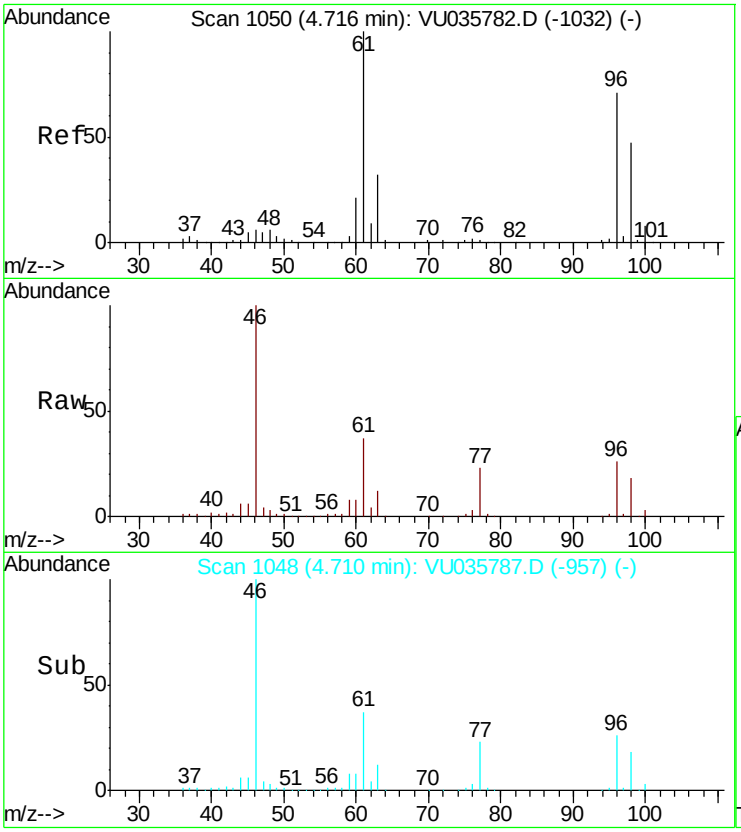


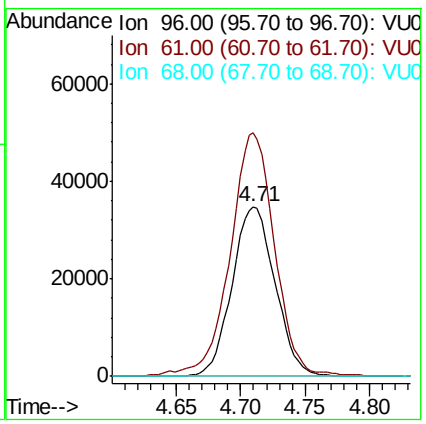


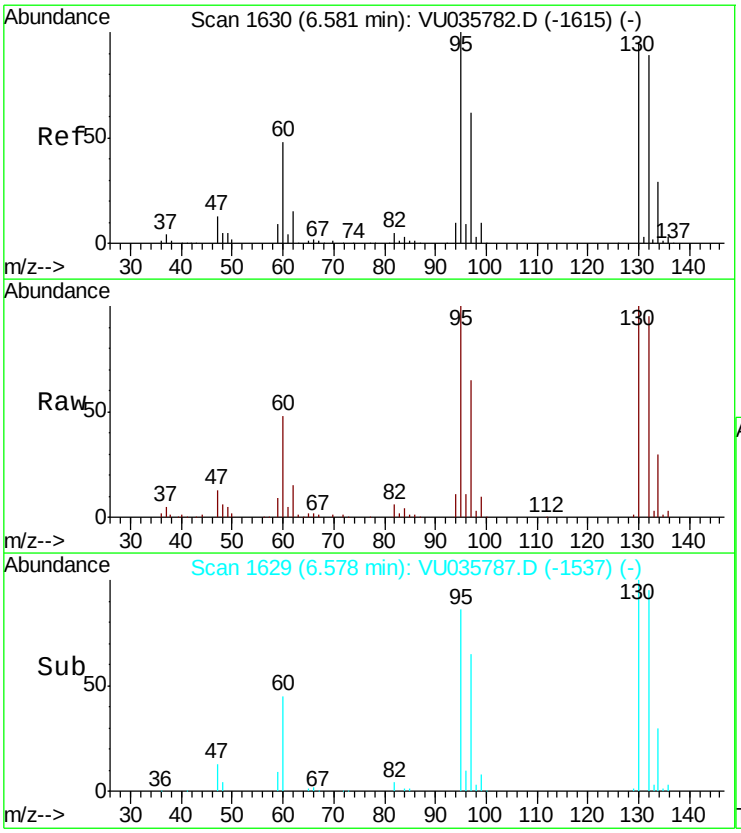
#20
cis-1,2-Dichloroethene
Concen: 16.386 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VU035787.D
Acq: 20 Nov 2019 14:17

Instrument :
MSVOA_U
ClientSampleId :
ETOP3ME

Tgt Ion: 96 Resp: 80530

Ion	Ratio	Lower	Upper
96	100		
61	143.2	90.6	168.3
68	0.0	0.0	0.0

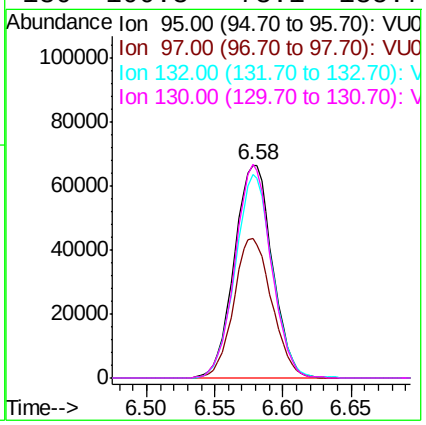


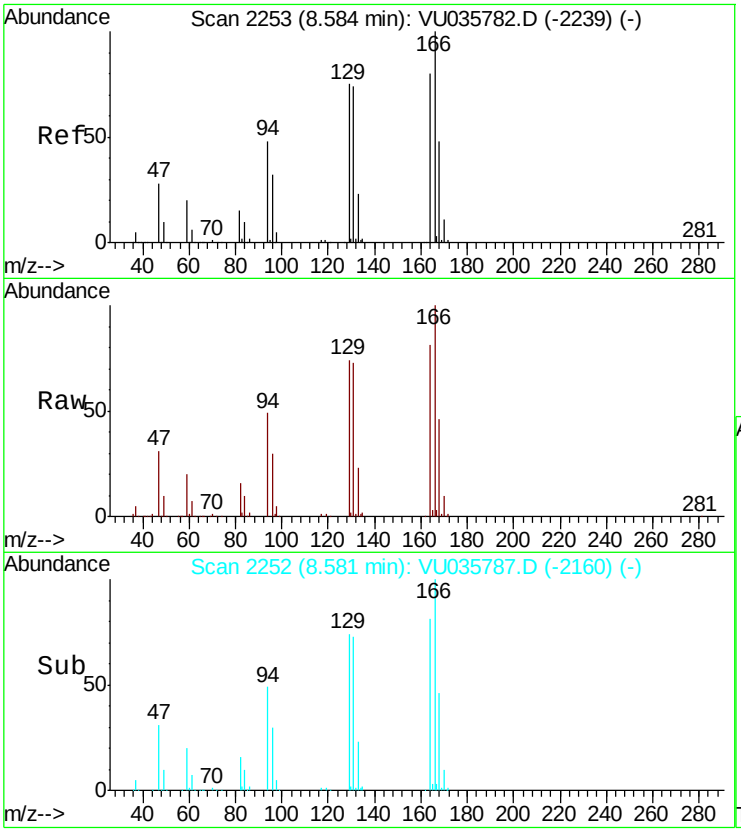


#34
Trichloroethene
Concen: 25.935 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU035787.D
Acq: 20 Nov 2019 14:17

Tgt Ion: 95 Resp: 128960

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.6	84.6
132	95.6	69.9	129.7
130	100.3	73.1	135.7



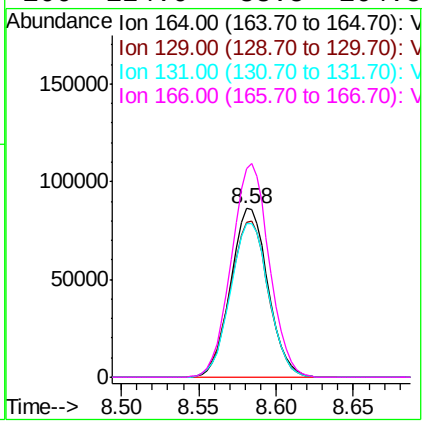


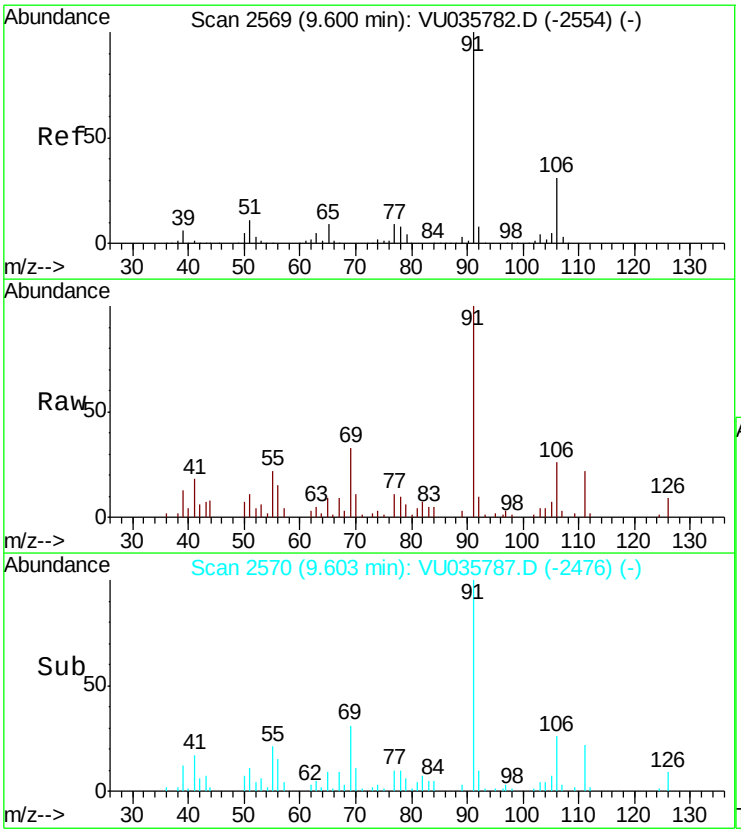
#46
Tetrachloroethene
Concen: 34.745 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU035787.D
Acq: 20 Nov 2019 14:17

Instrument :
MSVOA_U
ClientSampleId :
ETOP3ME

Tgt Ion:164 Resp: 144464

Ion	Ratio	Lower	Upper
164	100		
129	91.7	64.1	119.1
131	91.0	63.1	117.1
166	124.0	88.5	164.3

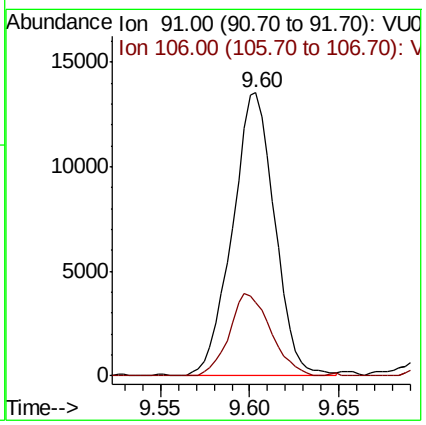


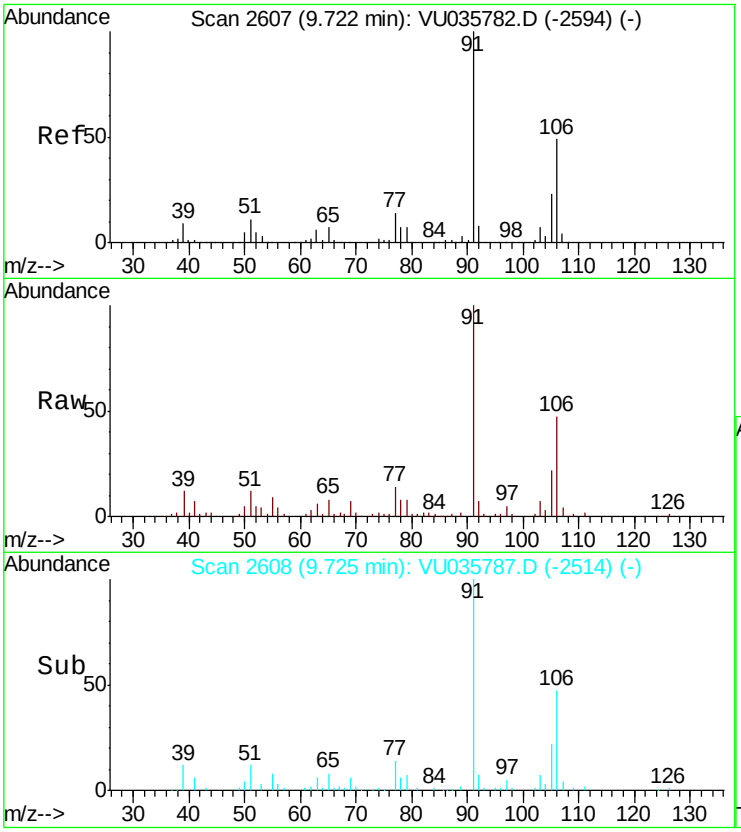


#52
Ethylbenzene
Concen: 1.027 ug/L
RT: 9.60 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU035787.D
Acq: 20 Nov 2019 14:17

Tgt Ion: 91 Resp: 22504

Ion	Ratio	Lower	Upper
91	100		
106	25.8	21.6	40.0



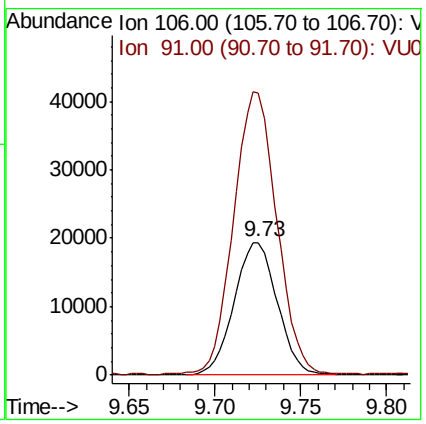


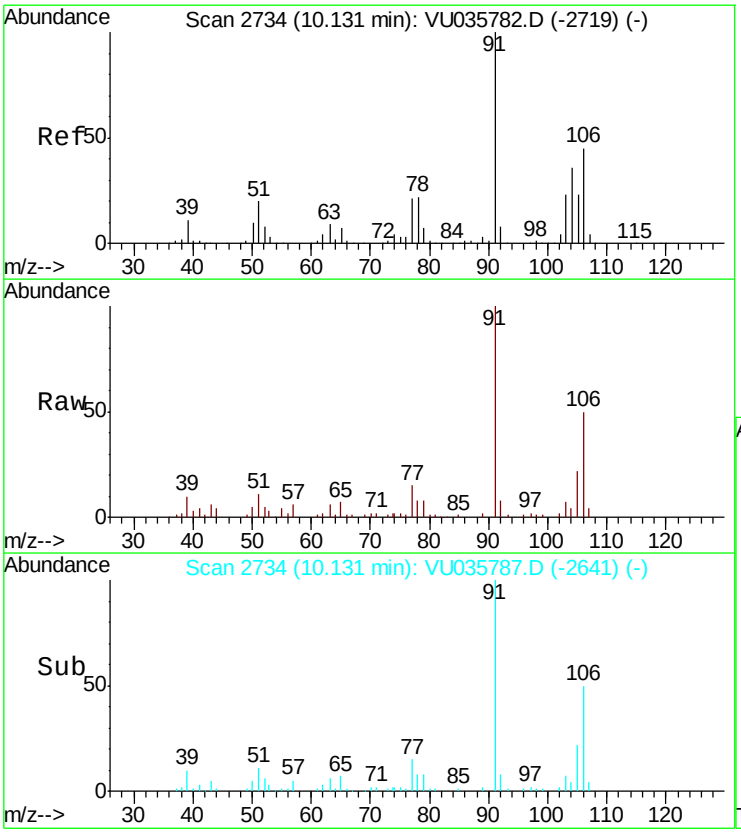
#53
m,p-Xylene
Concen: 4.116 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035787.D
Acq: 20 Nov 2019 14:17

Instrument :
MSVOA_U
ClientSampleId :
ETOP3ME

Tgt Ion:106 Resp: 33849

Ion	Ratio	Lower	Upper
106	100		
91	212.9	142.7	264.9





#54
o-xylene
Concen: 2.693 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035787.D
Acq: 20 Nov 2019 14:17

Tgt Ion:106 Resp: 21648

Ion	Ratio	Lower	Upper
106	100		
91	200.3	147.1	273.1