Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101419\
Data File : VU035143.D
Acq On : 14 Oct 2019 11:29
Operator : JC/SP
Sample : K5311-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TB-3-191007-1

Quant Time: Oct 15 07:31:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	157539	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	64945	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	49033	5.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.40%			
7) Chloroethane-d5	1.67	69	46635	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.20%			
11) 1,1-Dichloroethene-d2	2.26	63	71180	3.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.60%			
20) 2-Butanone-d5	4.17	46	149625	54.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.12%			
24) Chloroform-d	4.62	84	95564	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.80%			
26) 1,2-Dichloroethane-d4	5.29	65	53721	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	5.32	84	182126	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.31	67	65305	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.55	98	157707	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
43) trans-1,3-Dichloropropene-	7.84	79	19587	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
46) 2-Hexanone-d5	8.30	63	102919	46.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.92%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55792	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	11.84	152	56277	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2982	0.189	ug/L	89
13) Acetone	2.32	43	13207	5.880	ug/L	95
42) Toluene	7.62	91	24497	0.477	ug/L	97
52) Ethylbenzene	9.23	91	6036	0.106	ug/L	99
53) m,p-Xylene	9.36	106	3387	0.162	ug/L	100
54) o-Xylene	9.77	106	2106	0.103	ug/L	99
55) Styrene	9.78	104	6673	0.201	ug/L	99

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

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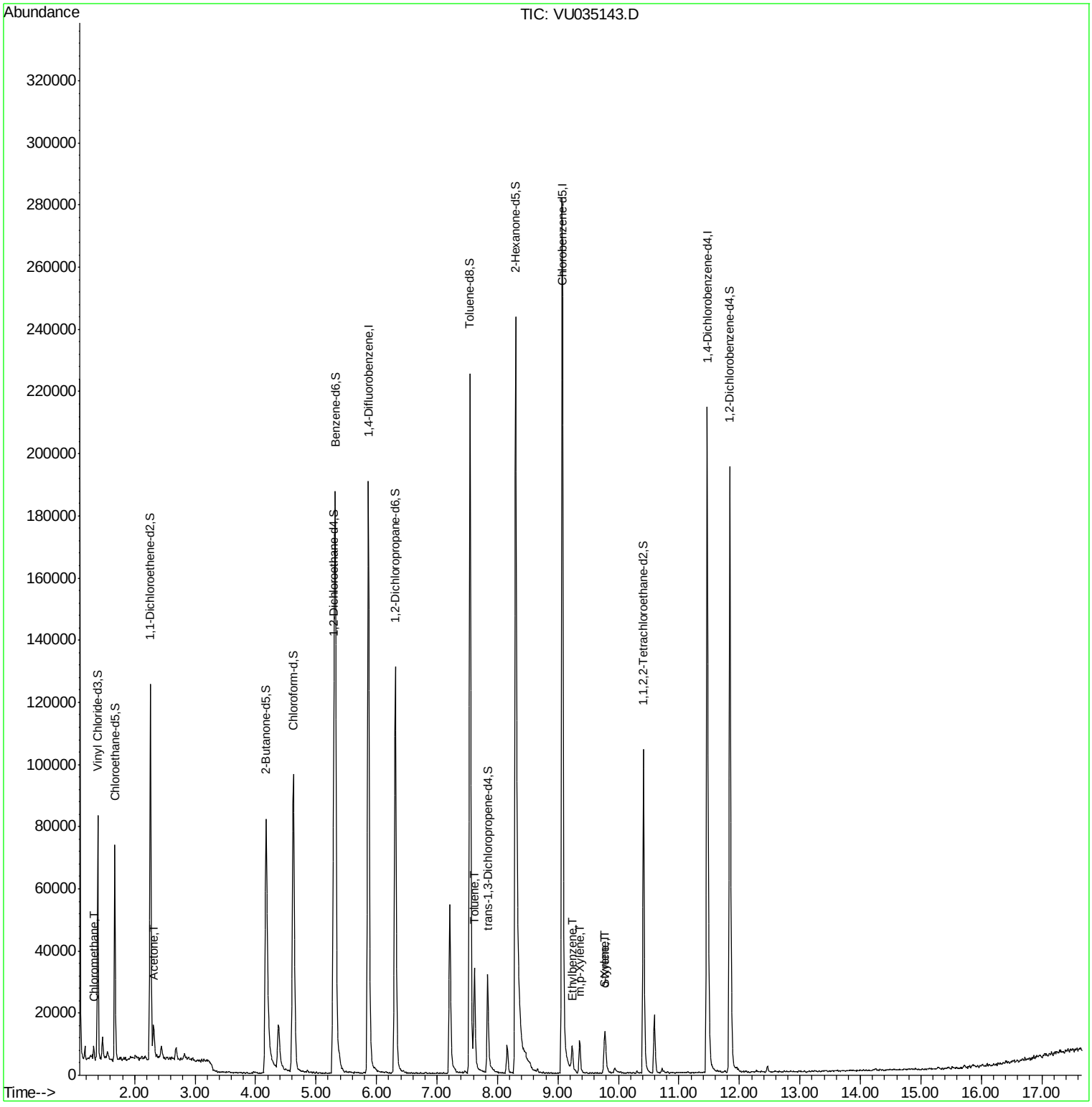
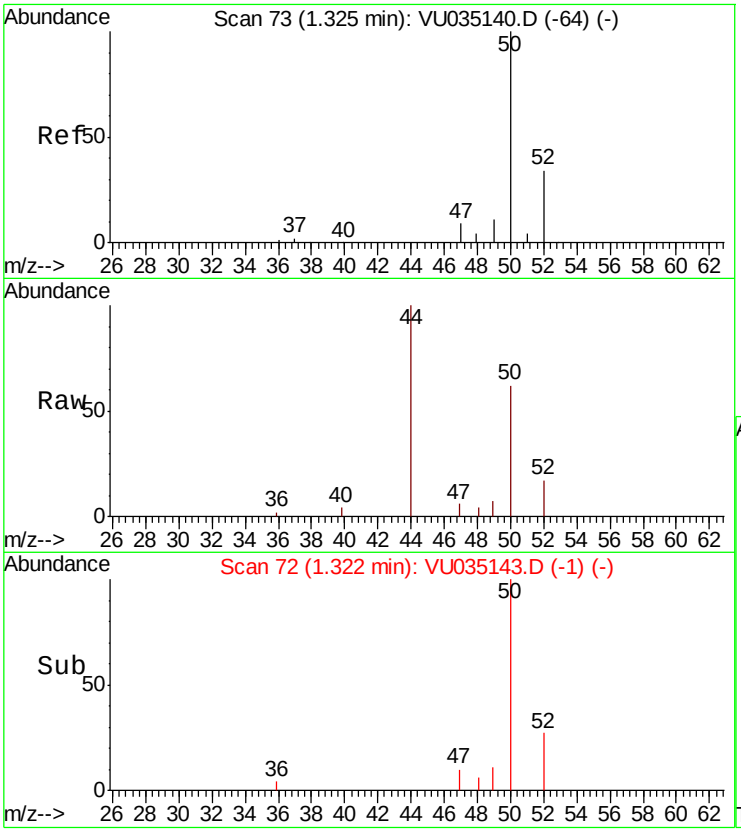


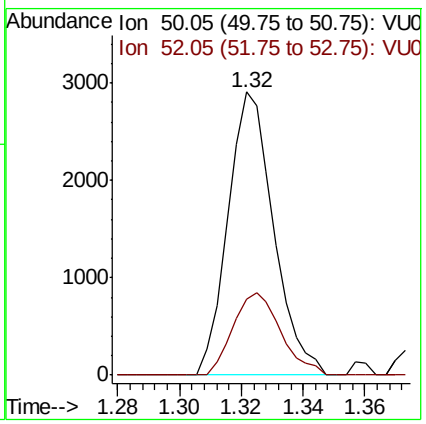


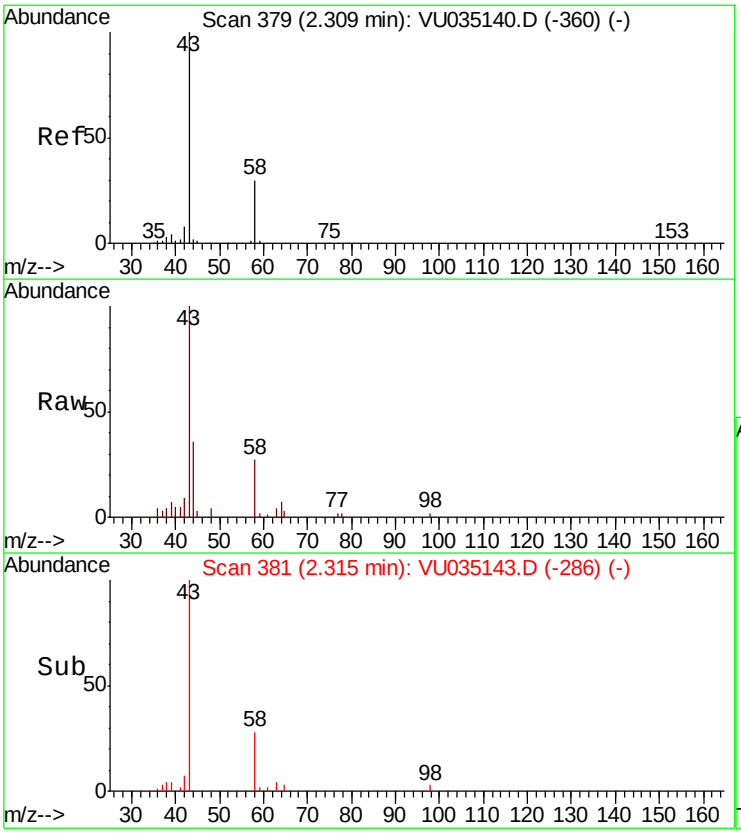
#3
Chloromethane
Concen: 0.189 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Instrument :
MSVOA_U
ClientSampleId :
TB-3-191007-1

Tgt Ion: 50 Resp: 2982

Ion	Ratio	Lower	Upper
50	100		
52	27.1	23.3	43.3

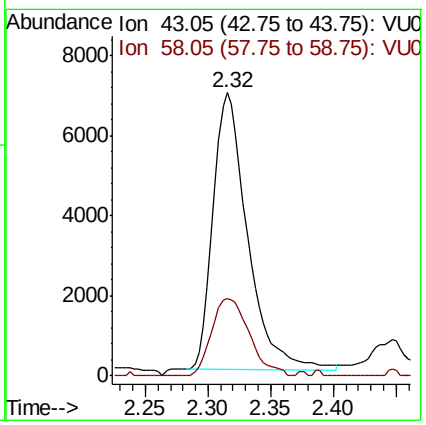


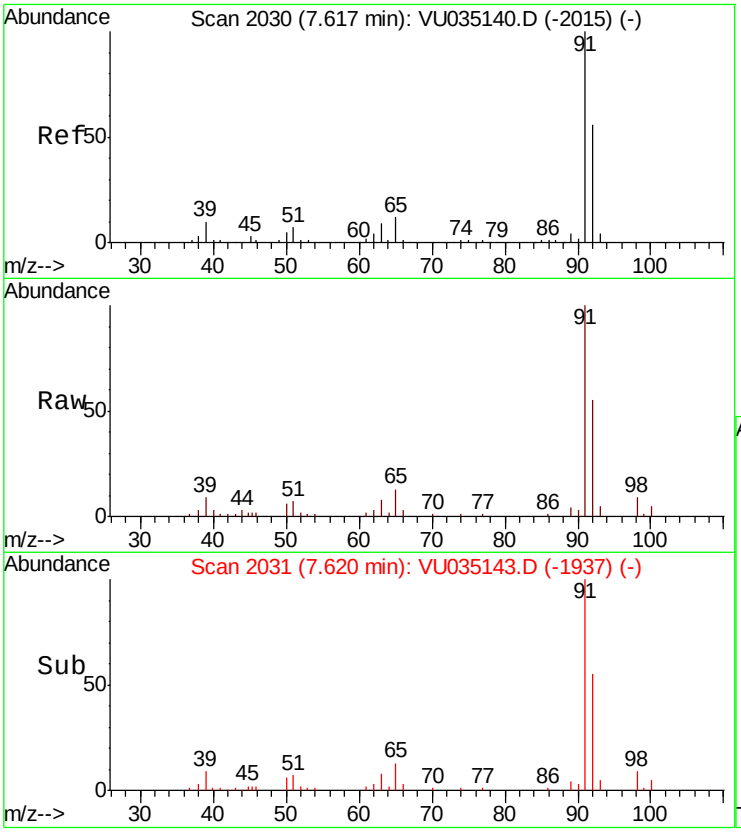


#13
Acetone
Concen: 5.880 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Tgt Ion: 43 Resp: 13207

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	66.6



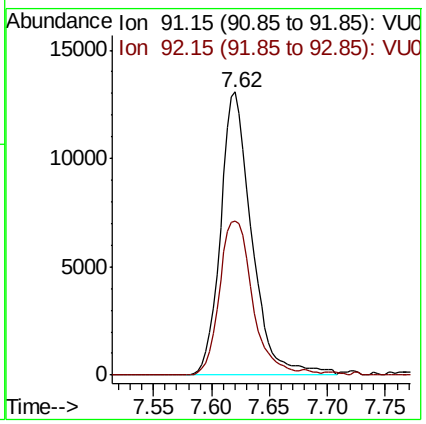


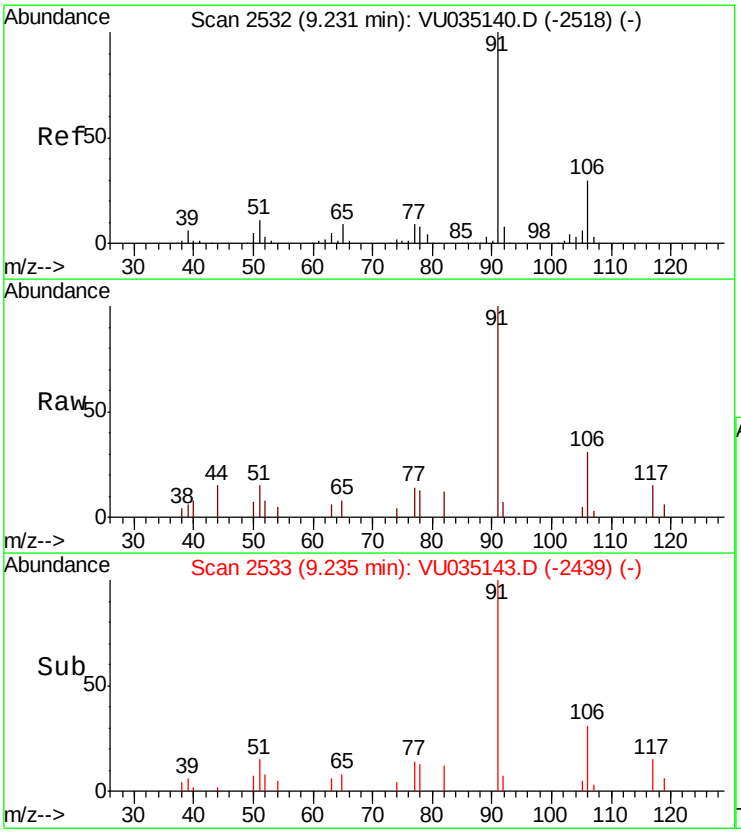
#42
Toluene
Concen: 0.477 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Instrument : MSVOA_U
ClientSampleId : TB-3-191007-1

Tgt Ion: 91 Resp: 24497

Ion	Ratio	Lower	Upper
91	100		
92	54.7	40.0	74.2

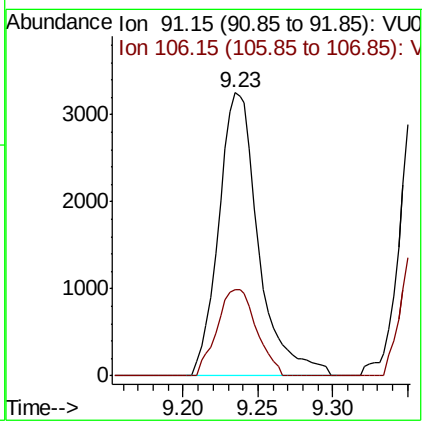


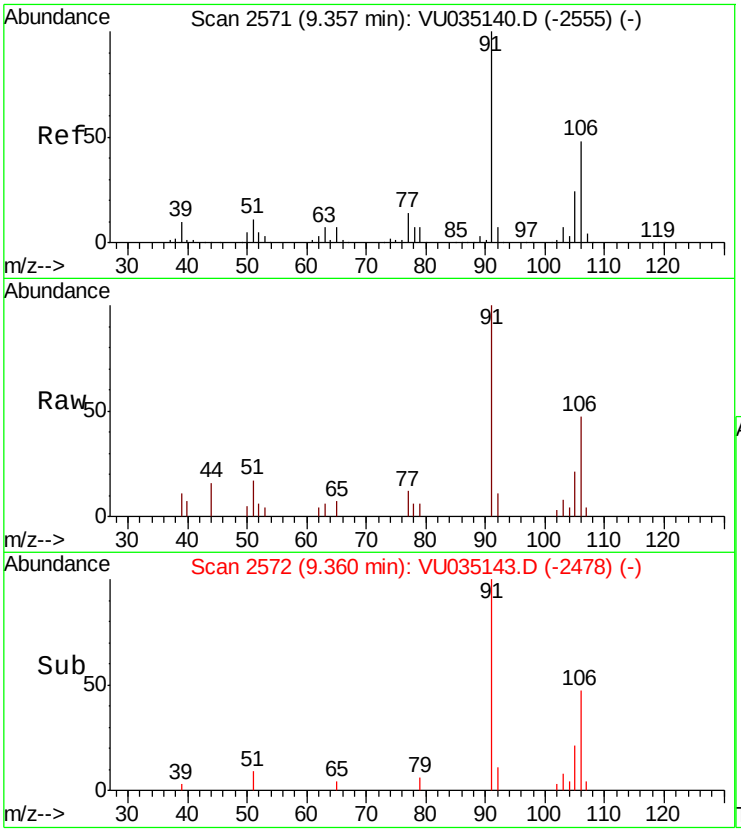


#52
Ethylbenzene
Concen: 0.106 ug/L
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Tgt Ion: 91 Resp: 6036

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.6	40.2



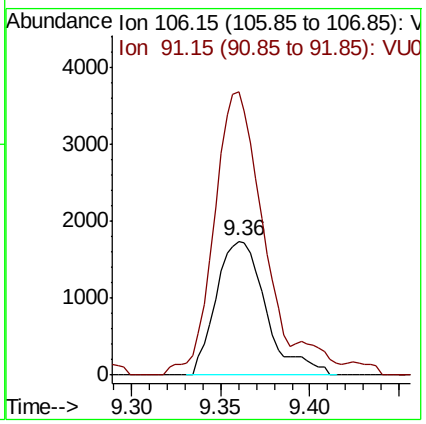


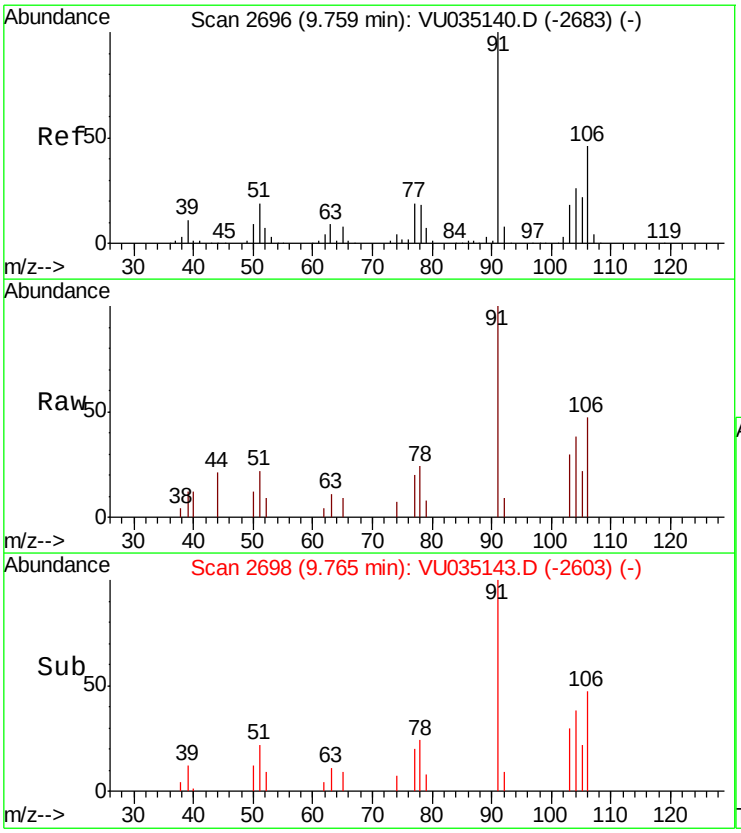
#53
m,p-Xylene
Concen: 0.162 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Instrument : MSVOA_U
ClientSampleId : TB-3-191007-1

Tgt Ion:106 Resp: 3387

Ion	Ratio	Lower	Upper
106	100		
91	211.3	147.6	274.0

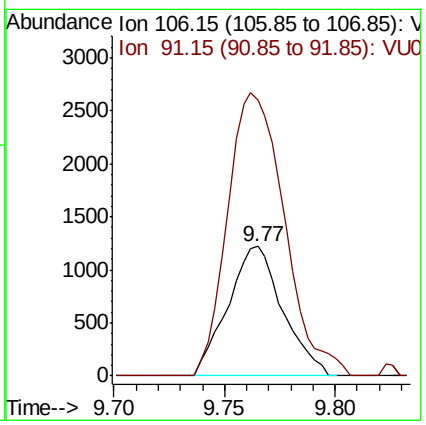


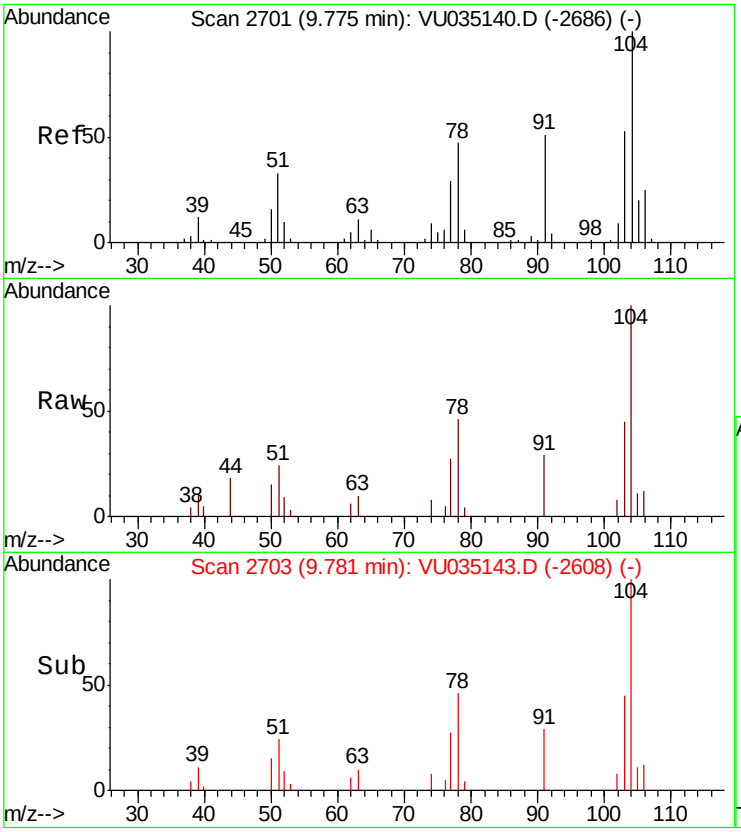


#54
o-Xylene
Concen: 0.103 ug/L
RT: 9.77 min Scan# 2698
Delta R.T. 0.01 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Tgt Ion:106 Resp: 2106

Ion	Ratio	Lower	Upper
106	100		
91	213.5	148.5	275.7





#55
Stvrene
Concen: 0.201 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Instrument :
MSVOA_U
ClientSampleId :
TB-3-191007-1

Tgt Ion:104 Resp: 6673

Ion	Ratio	Lower	Upper
104	100		
78	45.9	32.8	60.8