Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052020\
Data File : VU038250.D
Acq On : 20 May 2020 16:15
Operator : JC/MD
Sample : L2724-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T1

Quant Time: May 21 02:15:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:14:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	313227	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	305397	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147535	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	142650	4.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.60%			
7) Chloroethane-d5	1.93	69	124616	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.60%			
11) 1,1-Dichloroethene-d2	2.59	63	177601	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.20%			
20) 2-Butanone-d5	4.67	46	417363	59.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.08%			
24) Chloroform-d	5.10	84	230985	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	5.74	65	138527	5.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.20%			
32) Benzene-d6	5.76	84	488792	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
36) 1,2-Dichloropropane-d6	6.72	67	159634	5.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.00%			
41) Toluene-d8	7.92	98	427511	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
43) trans-1,3-Dichloropropene-	8.20	79	59681	5.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.80%			
46) 2-Hexanone-d5	8.65	63	330953	59.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.48%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	128952	5.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.60%			
64) 1,2-Dichlorobenzene-d4	12.20	152	160458	5.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.80%			
Target Compounds						Qvalue
33) Benzene	5.81	78	90509	0.925	ug/L	100
51) Chlorobenzene	9.47	112	256565	4.005	ug/L	99
52) Ethylbenzene	9.59	91	12631	0.113	ug/L	97
53) m,p-Xylene	9.71	106	14765	0.344	ug/L	100
54) o-Xylene	10.11	106	4229	0.102	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	27748	0.570	ug/L	97

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

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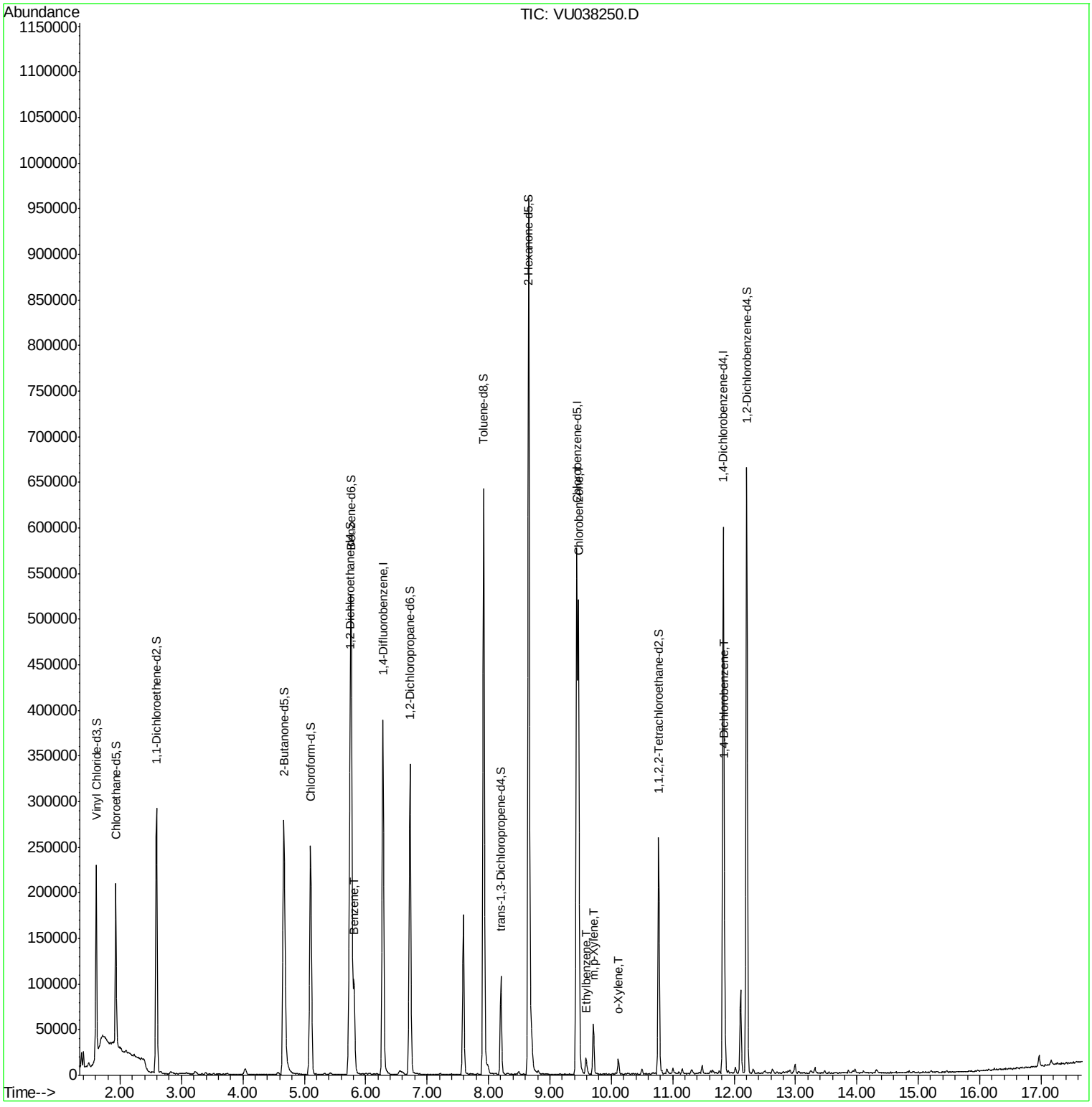
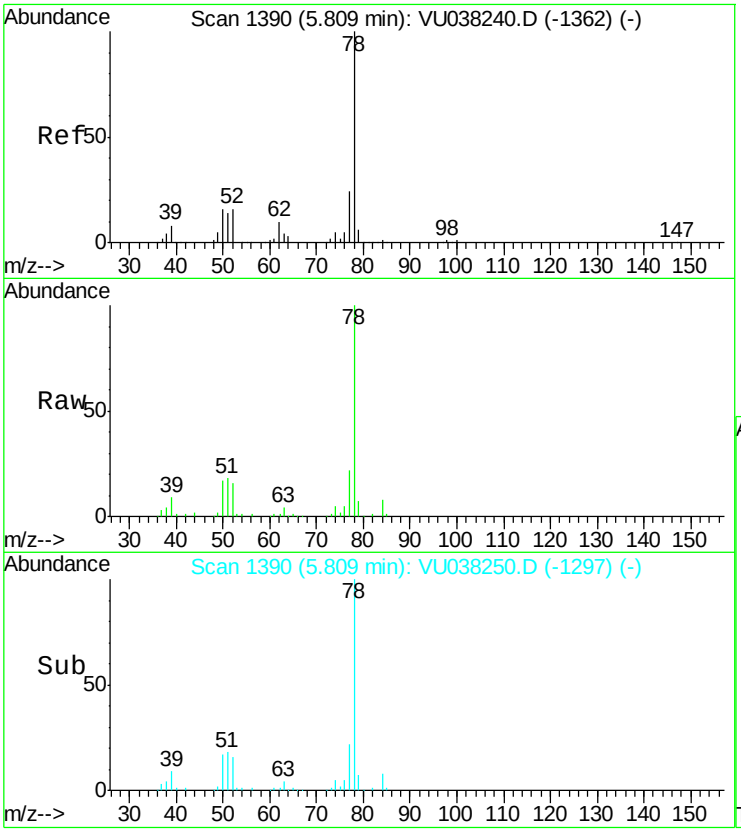
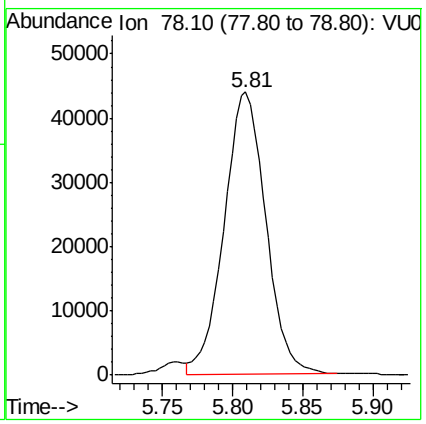


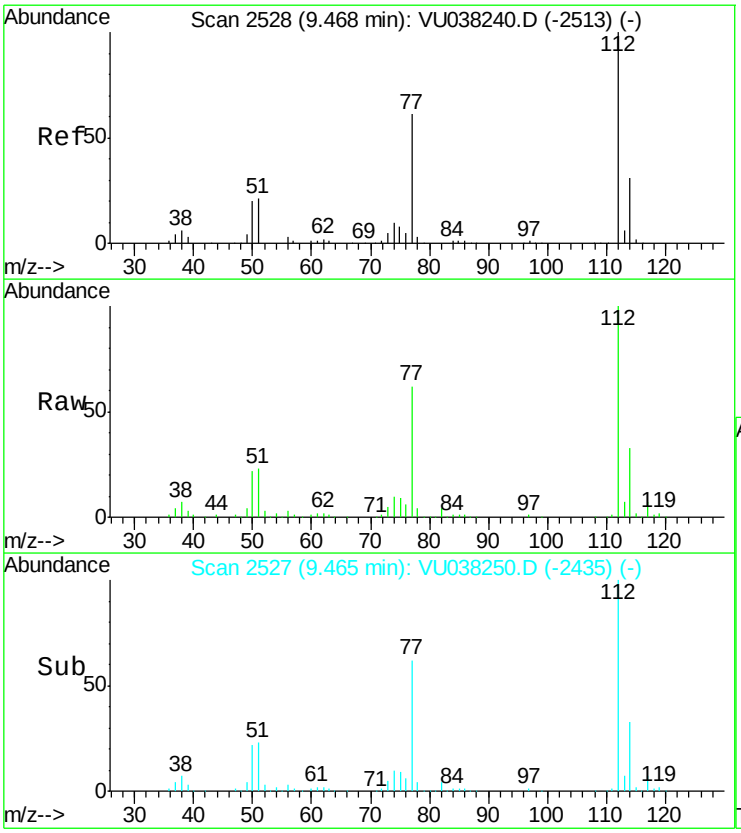


#33
Benzene
Concen: 0.925 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038250.D
Acq: 20 May 2020 16:15

Instrument :
MSVOA_U
ClientSampleId :
BE4T1

Tgt Ion: 78 Resp: 90509

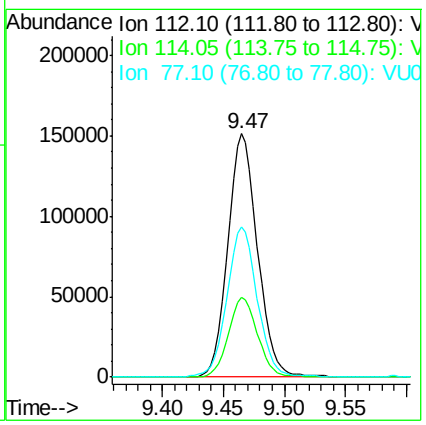


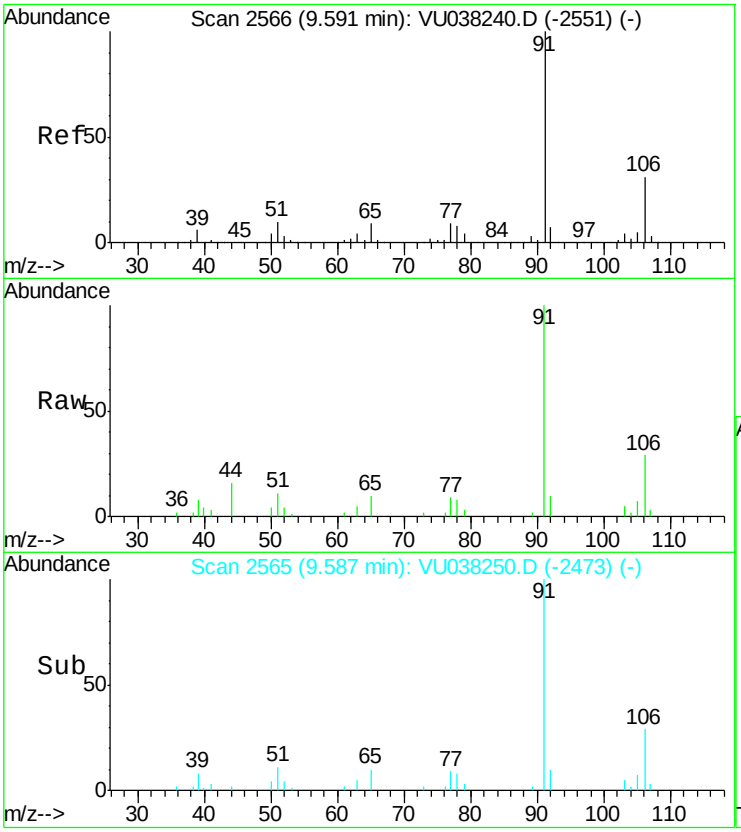


#51
Chlorobenzene
Concen: 4.005 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038250.D
Acq: 20 May 2020 16:15

Tgt Ion:112 Resp: 256565

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.5	41.7
77	61.9	49.9	74.9



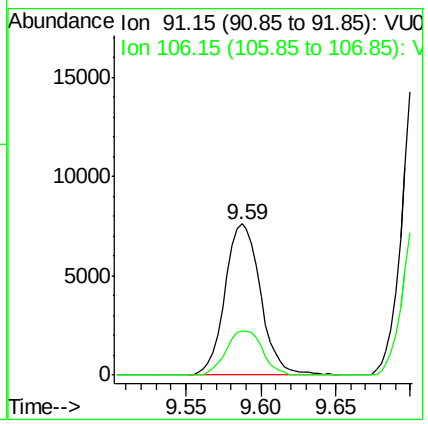


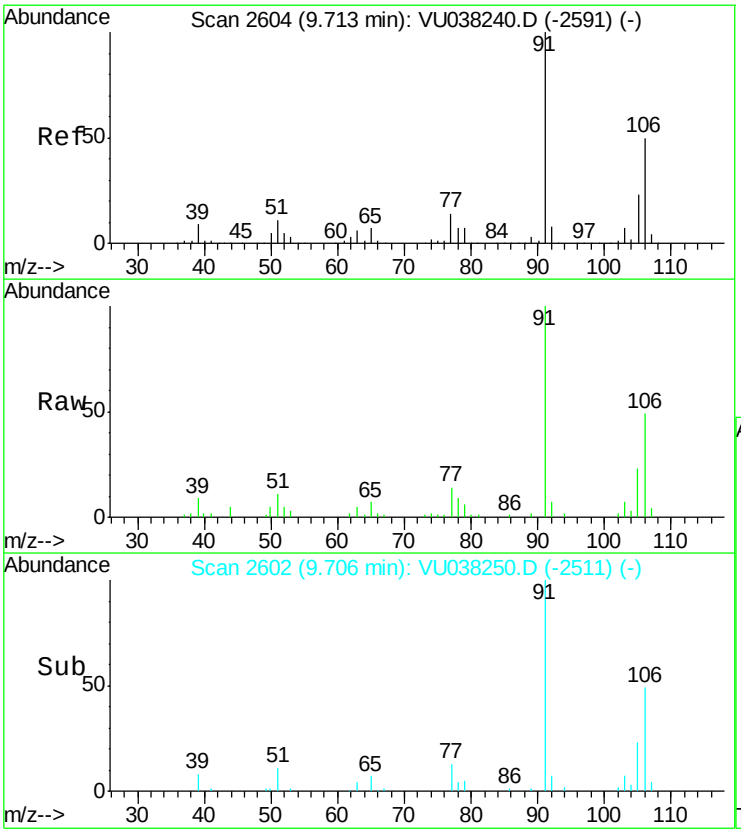
#52
Ethylbenzene
Concen: 0.113 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038250.D
Acq: 20 May 2020 16:15

Instrument : MSVOA_U
ClientSampleId : BE4T1

Tgt Ion: 91 Resp: 12631

Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.8	40.4

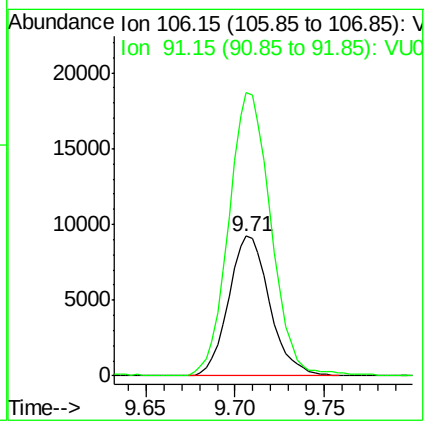


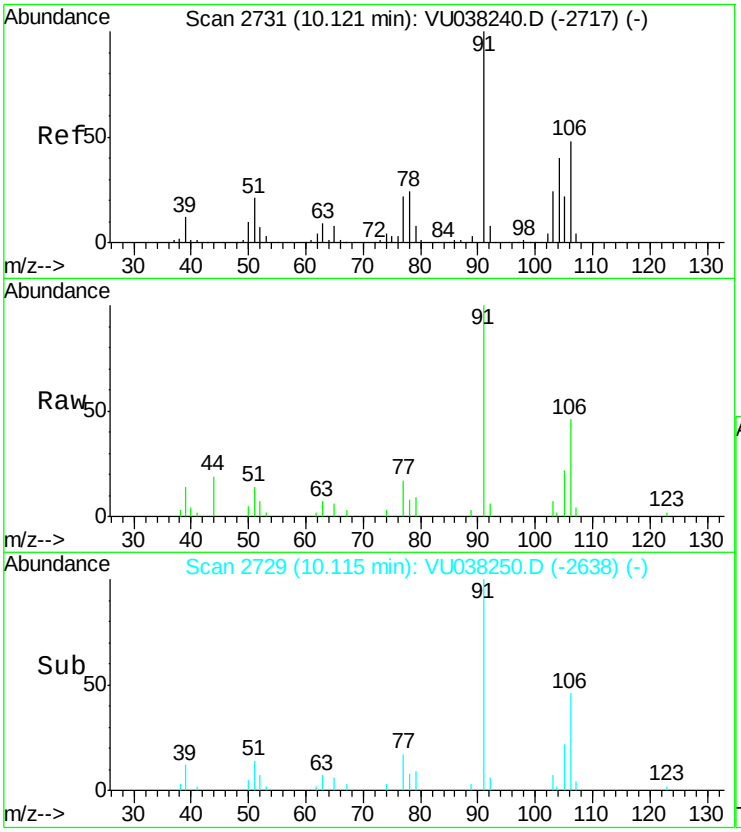


#53
m,p-Xylene
Concen: 0.344 ug/L
RT: 9.71 min Scan# 2602
Delta R.T. -0.01 min
Lab File: VU038250.D
Acq: 20 May 2020 16:15

Tgt Ion:106 Resp: 14765

Ion	Ratio	Lower	Upper
106	100		
91	202.7	142.1	263.9



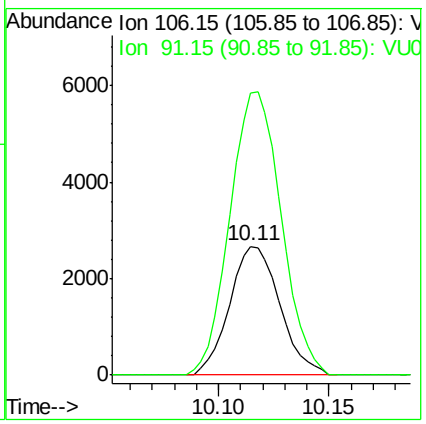


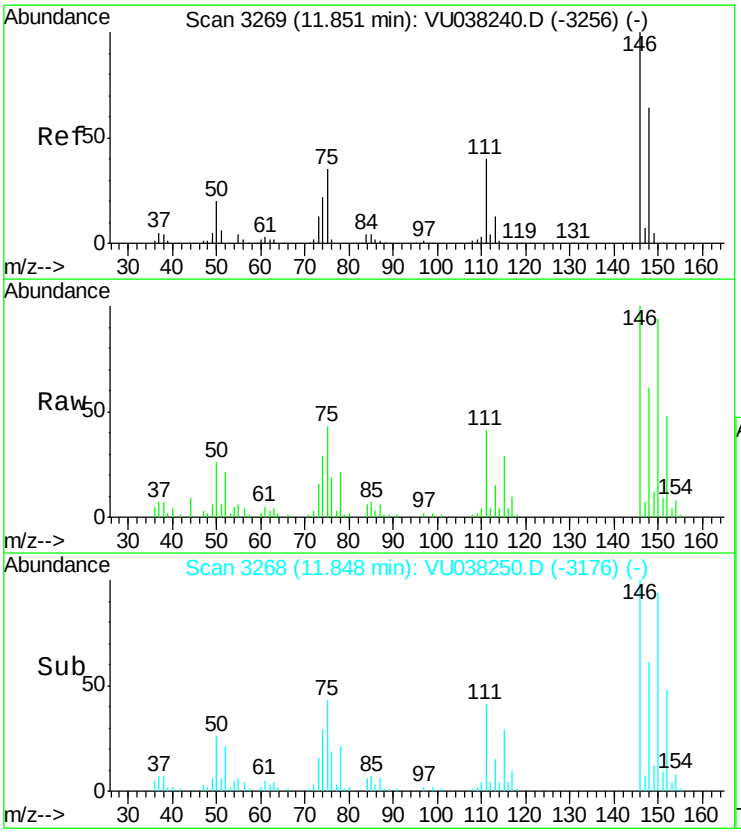
#54
o-Xylene
Concen: 0.102 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.01 min
Lab File: VU038250.D
Acq: 20 May 2020 16:15

Instrument : MSVOA_U
ClientSampleId : BE4T1

Tgt Ion:106 Resp: 4229

Ion	Ratio	Lower	Upper
106	100		
91	219.0	148.5	275.9





#63
1,4-Dichlorobenzene
Concen: 0.570 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038250.D
Acq: 20 May 2020 16:15

Tgt Ion:146 Resp: 27748

Ion	Ratio	Lower	Upper
146	100		
111	41.5	27.2	50.6
148	61.2	43.8	81.3