Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052020\
Data File : VU038249.D
Acq On : 20 May 2020 15:52
Operator : JC/MD
Sample : L2724-05DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T2DL

Quant Time: May 21 02:06:37 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	360869	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	352426	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	172984	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	135459	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.93	69	122014	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.40%			
11) 1,1-Dichloroethene-d2	2.59	63	170385	3.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.80%			
20) 2-Butanone-d5	4.67	46	419094	51.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.92%			
24) Chloroform-d	5.10	84	220291	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
26) 1,2-Dichloroethane-d4	5.74	65	132397	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.76	84	471280	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.72	67	152431	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.92	98	410319	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
43) trans-1,3-Dichloropropene-	8.20	79	58205	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.65	63	319221	49.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.02%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122616	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	155057	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
33) Benzene	5.81	78	1142822	10.126	ug/L	100
42) Toluene	7.99	91	111145	0.933	ug/L	100
51) Chlorobenzene	9.47	112	111570	1.509	ug/L	99
52) Ethylbenzene	9.59	91	308386	2.390	ug/L	99
53) m,p-Xylene	9.71	106	300471	6.072	ug/L	98
54) o-Xylene	10.12	106	95238	1.991	ug/L	99
56) Isopropylbenzene	10.50	105	10310	0.084	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	5729	0.100	ug/L	96

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

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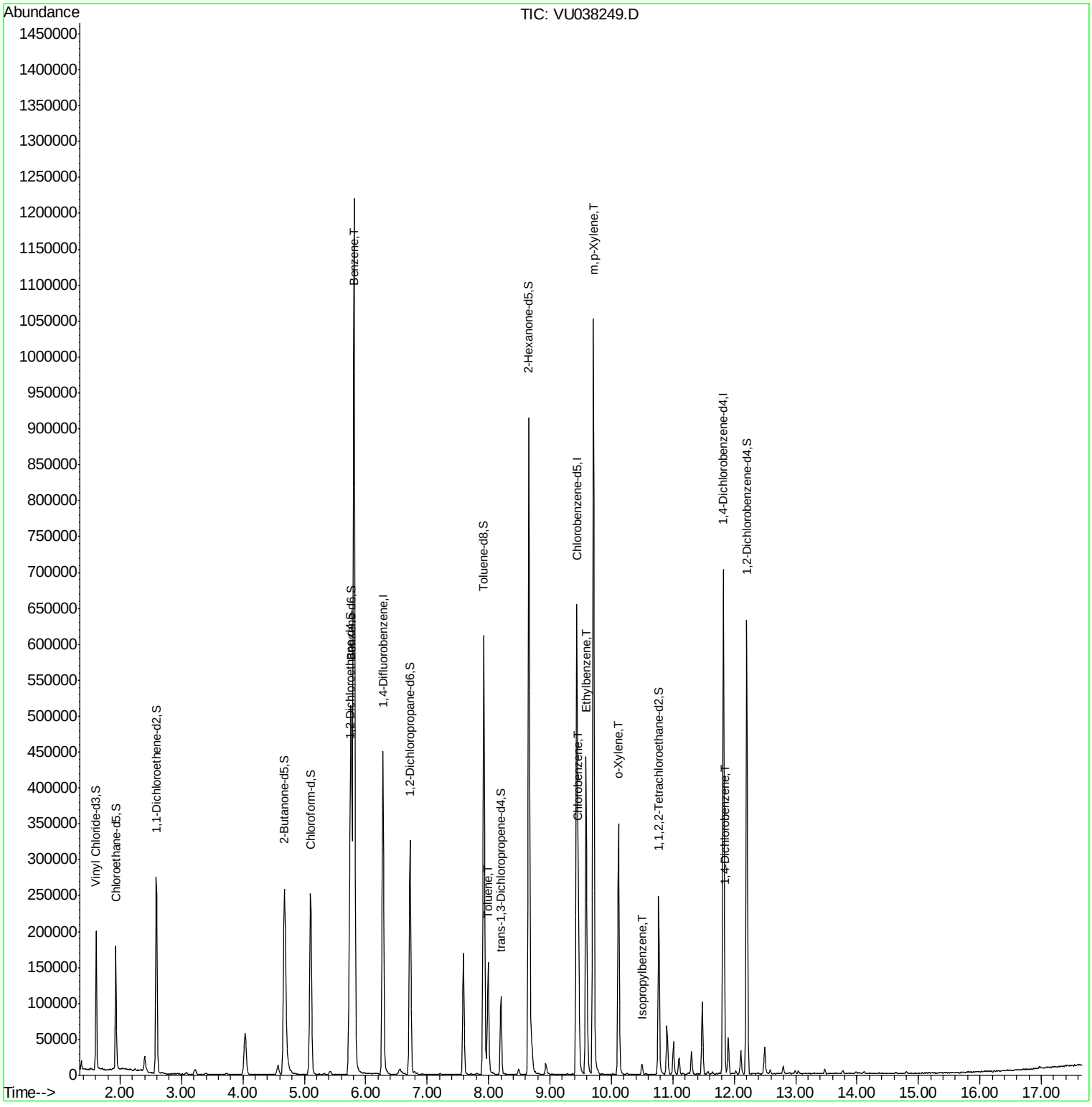
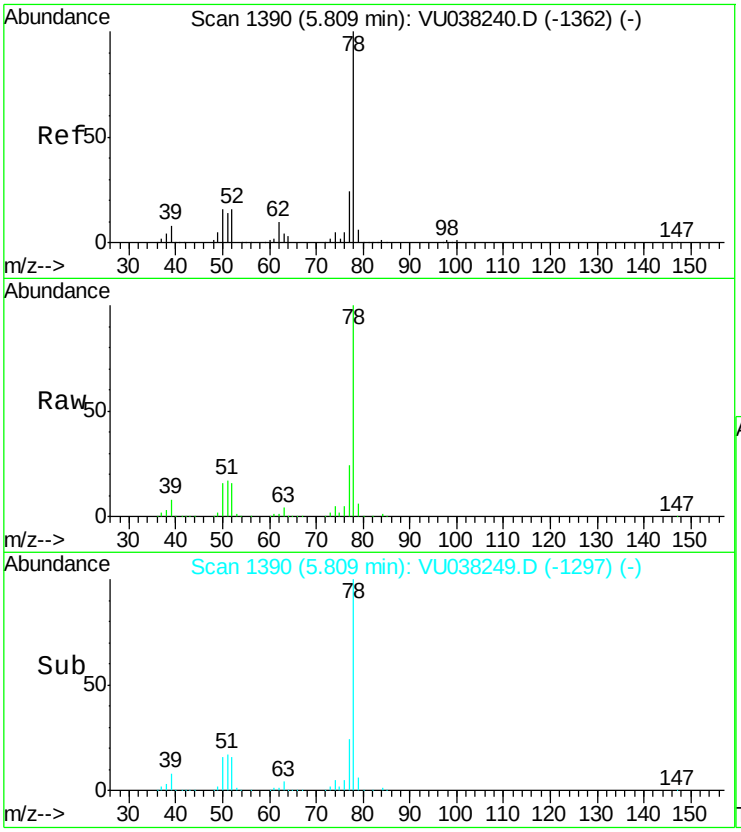
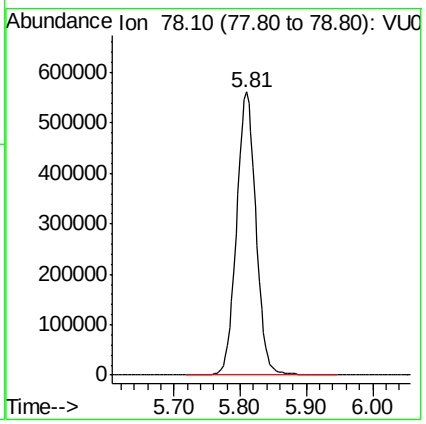


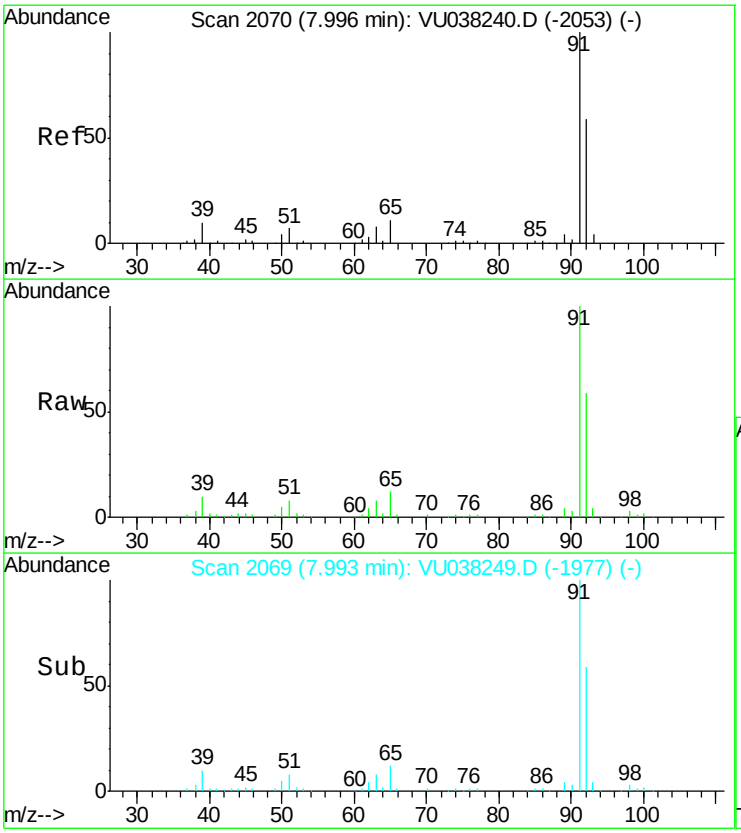


#33
Benzene
Concen: 10.126 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038249.D
Acq: 20 May 2020 15:52

Instrument :
MSVOA_U
ClientSampleId :
BE4T2DL

Tgt Ion: 78 Resp: 1142822

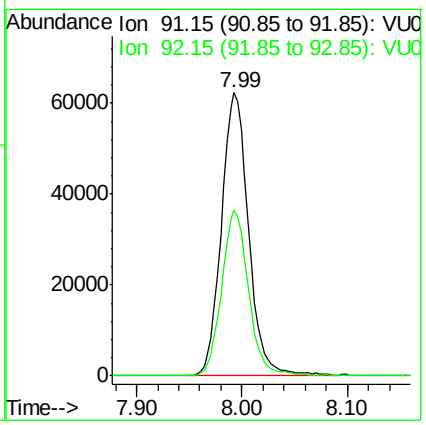


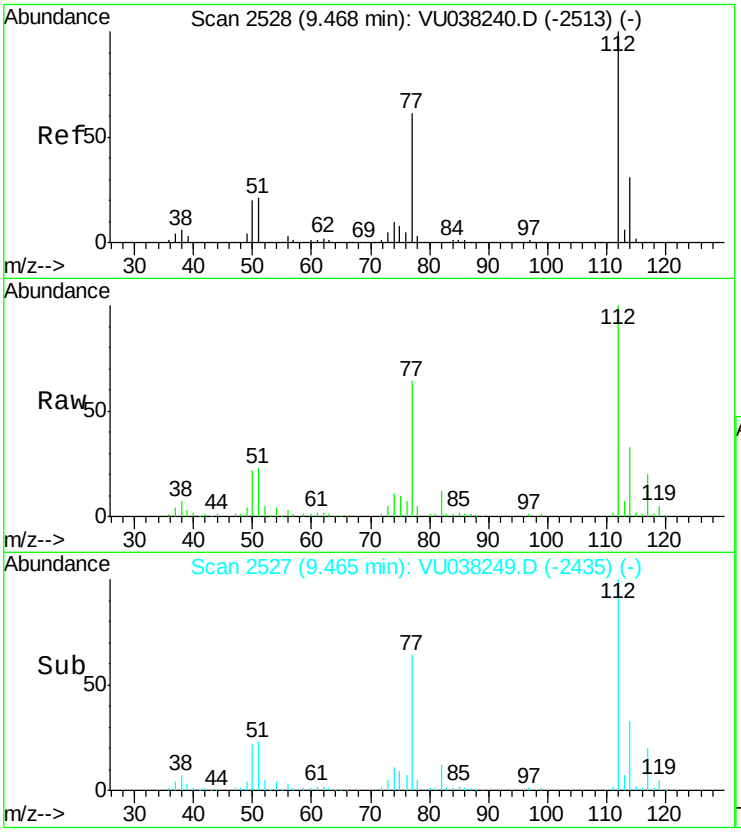


#42
Toluene
Concen: 0.933 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038249.D
Acq: 20 May 2020 15:52

Tgt Ion: 91 Resp: 111145

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.9	75.9



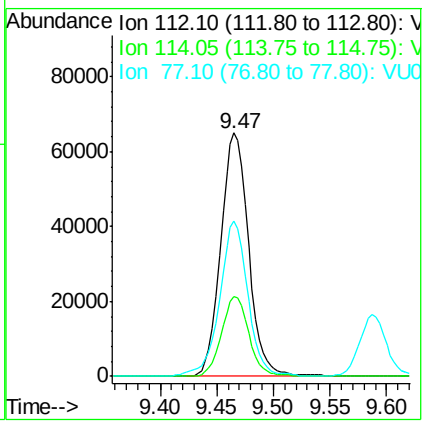


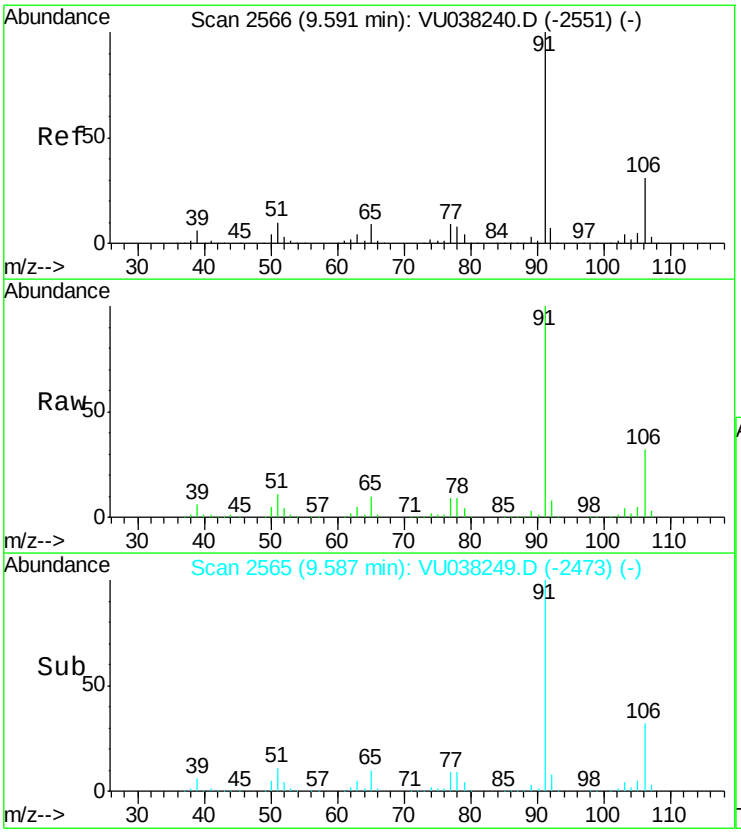
#51
Chlorobenzene
Concen: 1.509 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038249.D
Acq: 20 May 2020 15:52

Instrument : MSVOA_U
ClientSampleId : BE4T2DL

Tgt Ion:112 Resp: 111570

Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.5	41.7
77	63.5	49.9	74.9

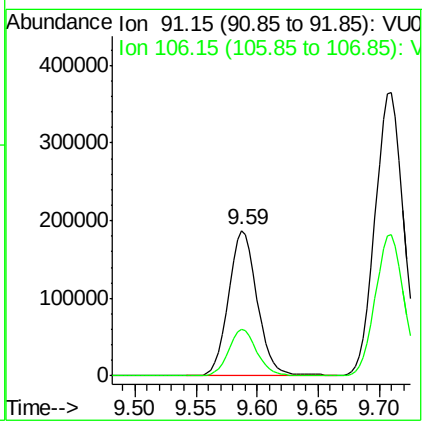


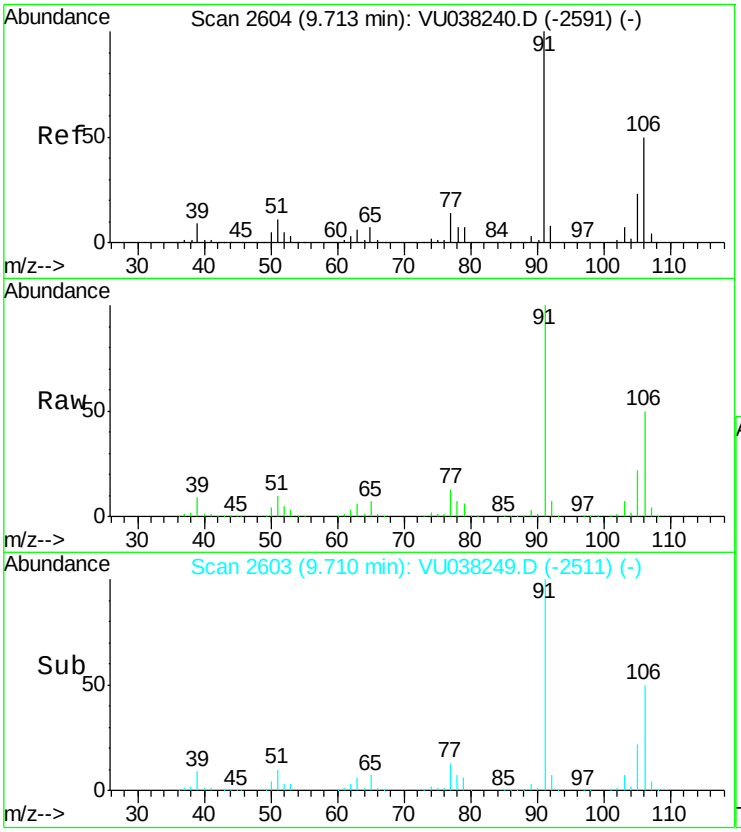


#52
Ethylbenzene
Concen: 2.390 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038249.D
Acq: 20 May 2020 15:52

Tgt Ion: 91 Resp: 308386

Ion	Ratio	Lower	Upper
91	100		
106	31.8	21.8	40.4



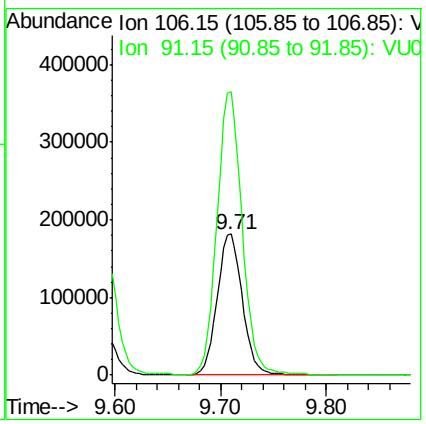


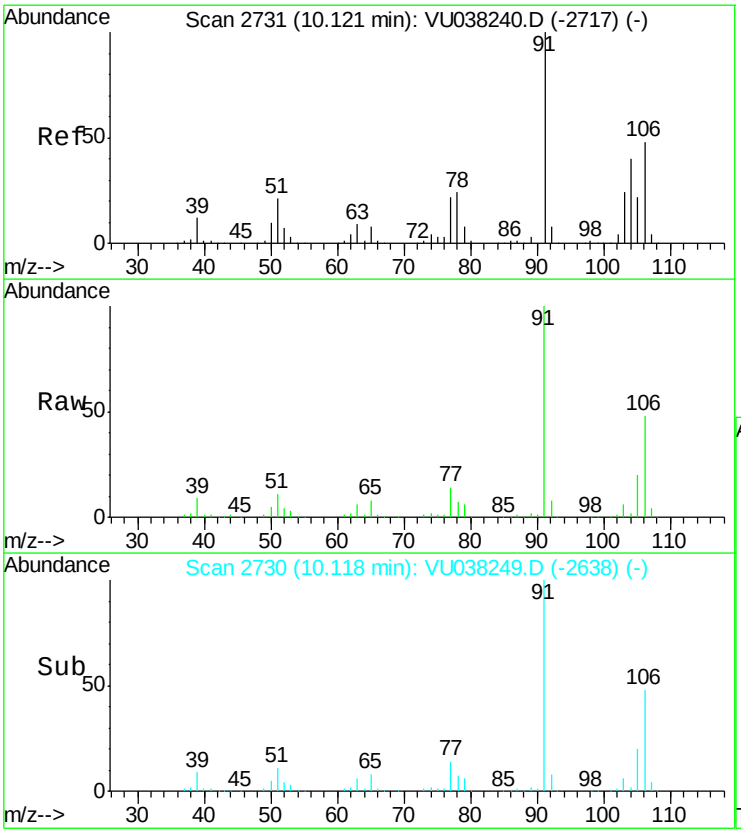
#53
m,p-Xylene
Concen: 6.072 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038249.D
Acq: 20 May 2020 15:52

Instrument :
MSVOA_U
ClientSampleId :
BE4T2DL

Tgt Ion:106 Resp: 300471

Ion	Ratio	Lower	Upper
106	100		
91	200.6	142.1	263.9

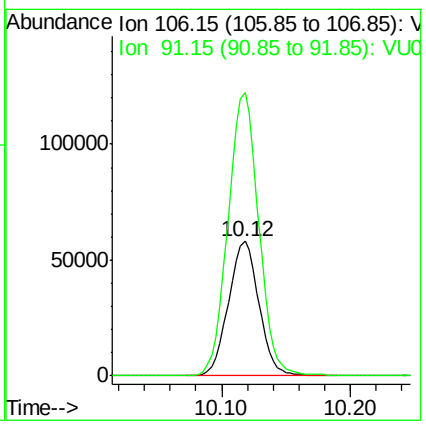


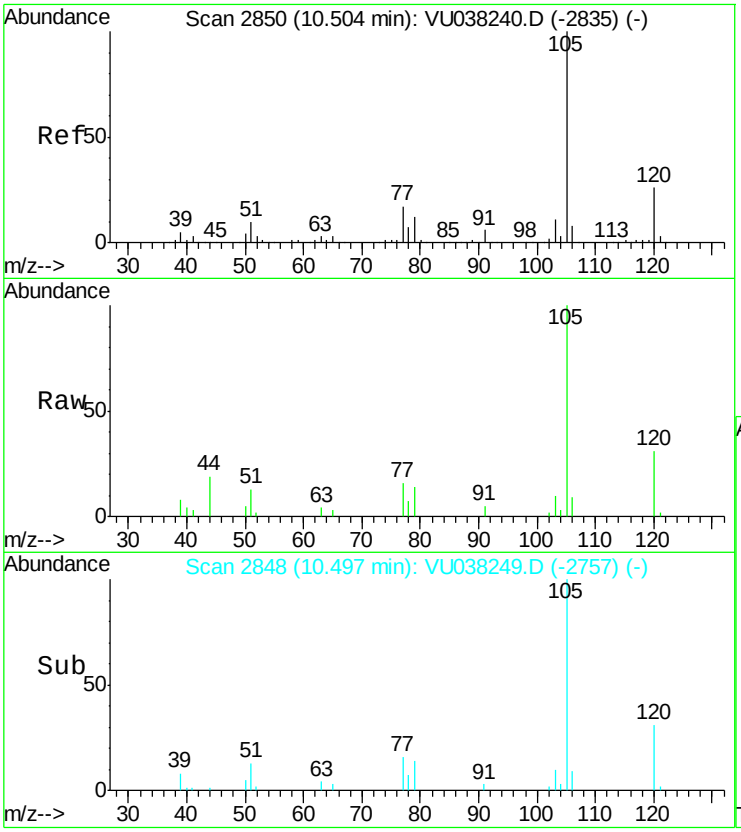


#54
o-Xylene
Concen: 1.991 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038249.D
Acq: 20 May 2020 15:52

Tgt Ion:106 Resp: 95238

Ion	Ratio	Lower	Upper
106	100		
91	210.2	148.5	275.9



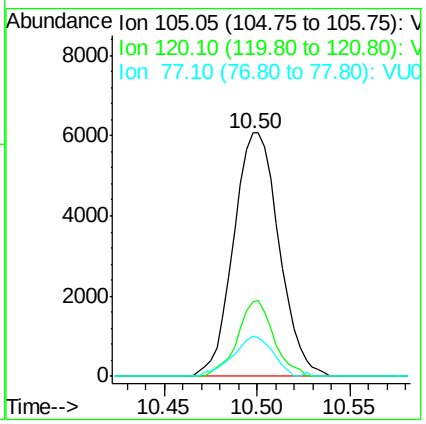


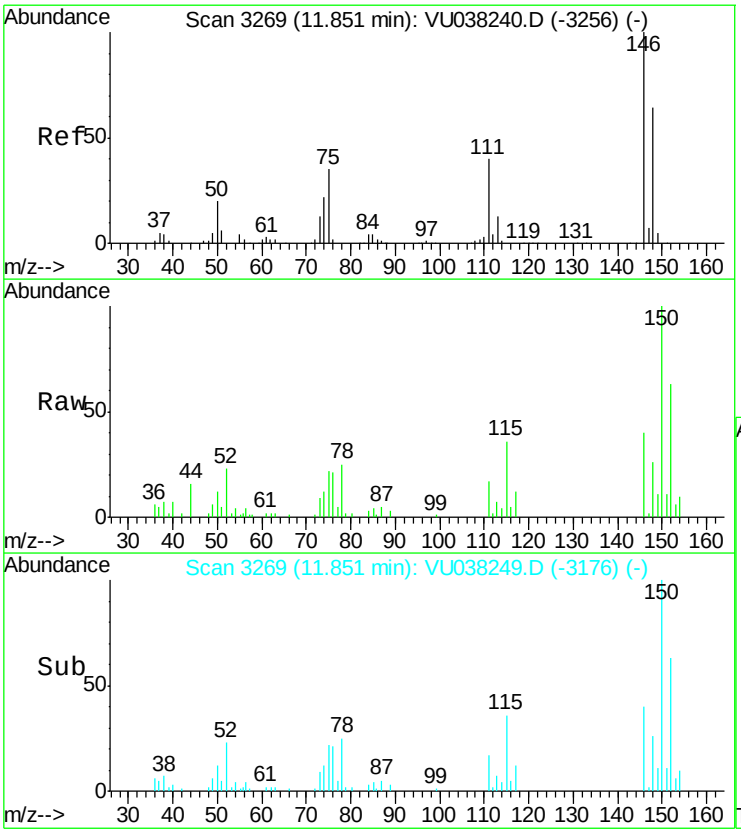
#56
Isopropylbenzene
Concen: 0.084 ug/L
RT: 10.50 min Scan# 2848
Delta R.T. -0.01 min
Lab File: VU038249.D
Acq: 20 May 2020 15:52

Instrument :
MSVOA_U
ClientSampleId :
BE4T2DL

Tgt Ion:105 Resp: 10310

Ion	Ratio	Lower	Upper
105	100		
120	24.7	21.0	31.6
77	14.4	13.0	19.4





#63
1,4-Dichlorobenzene
Concen: 0.100 ug/L
RT: 11.85 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VU038249.D
Acq: 20 May 2020 15:52

Tgt Ion:146 Resp: 5729

Ion	Ratio	Lower	Upper
146	100		
111	42.8	27.2	50.6
148	64.9	43.8	81.3