Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
Data File : VU038380.D
Acq On : 29 May 2020 16:52
Operator : JC/MD
Sample : L2749-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4X2

Quant Time: May 30 00:26:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:03:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	305762	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	295356	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148486	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	97205	3.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.60%			
7) Chloroethane-d5	1.93	69	91050	3.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.20%			
11) 1,1-Dichloroethene-d2	2.59	63	148297	3.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.40%			
20) 2-Butanone-d5	4.68	46	362194	52.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.98%			
24) Chloroform-d	5.10	84	210495	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.74	65	123292	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.76	84	428222	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.72	67	133772	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.60%			
41) Toluene-d8	7.92	98	370270	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	8.20	79	51316	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.66	63	294579	54.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.04%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112881	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	148791	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
13) Acetone	2.68	43	3588	0.83	ug/L	54
17) Methyl tert-butyl Ether	3.40	73	38763	0.66	ug/L	98
22) cis-1,2-Dichloroethene	4.70	96	3141	0.13	ug/L	84
33) Benzene	5.81	78	234492	2.48	ug/L	100
51) Chlorobenzene	9.47	112	29376	0.47	ug/L	97
56) Isopropylbenzene	10.50	105	13040	0.13	ug/L	97

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

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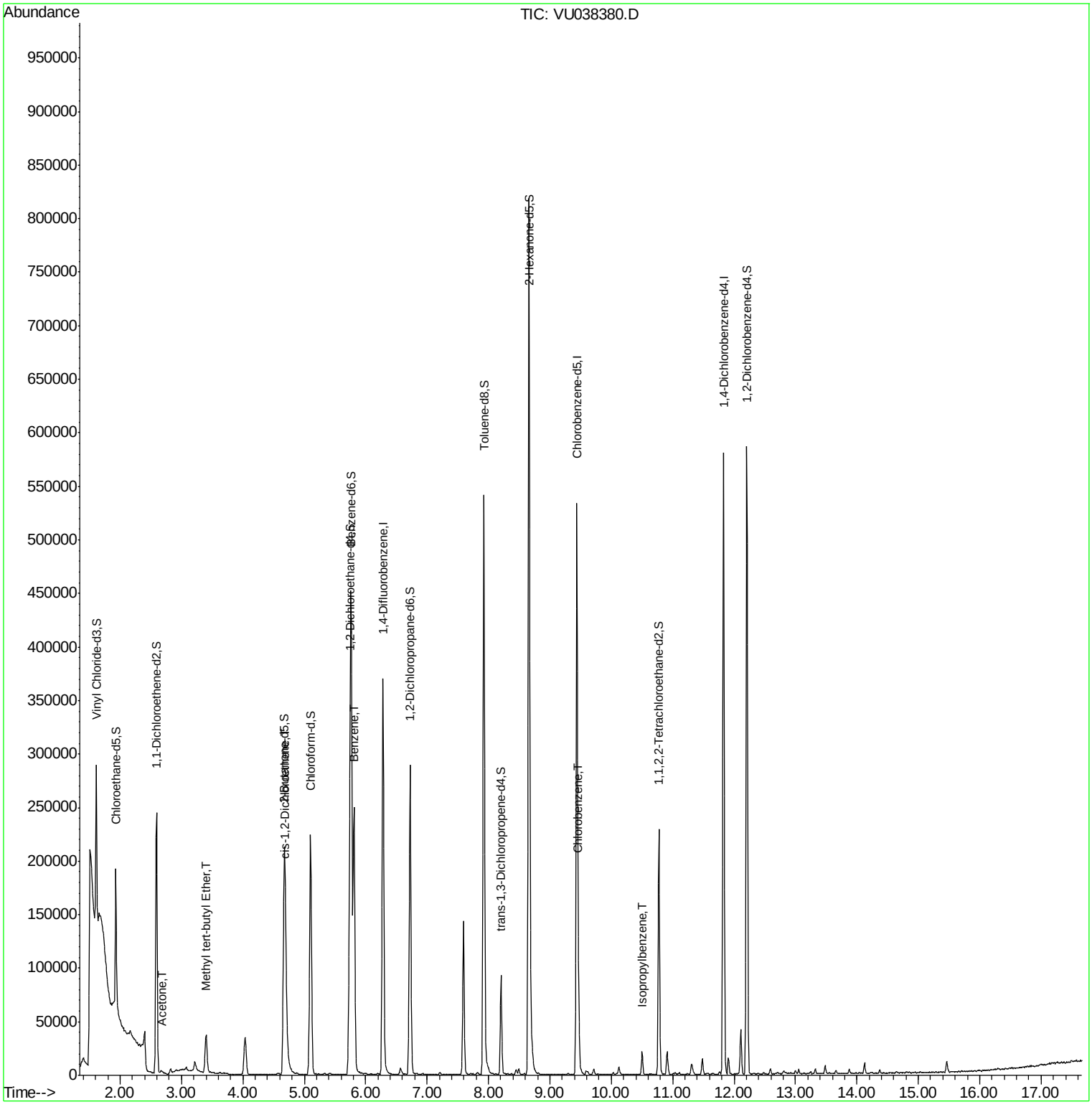
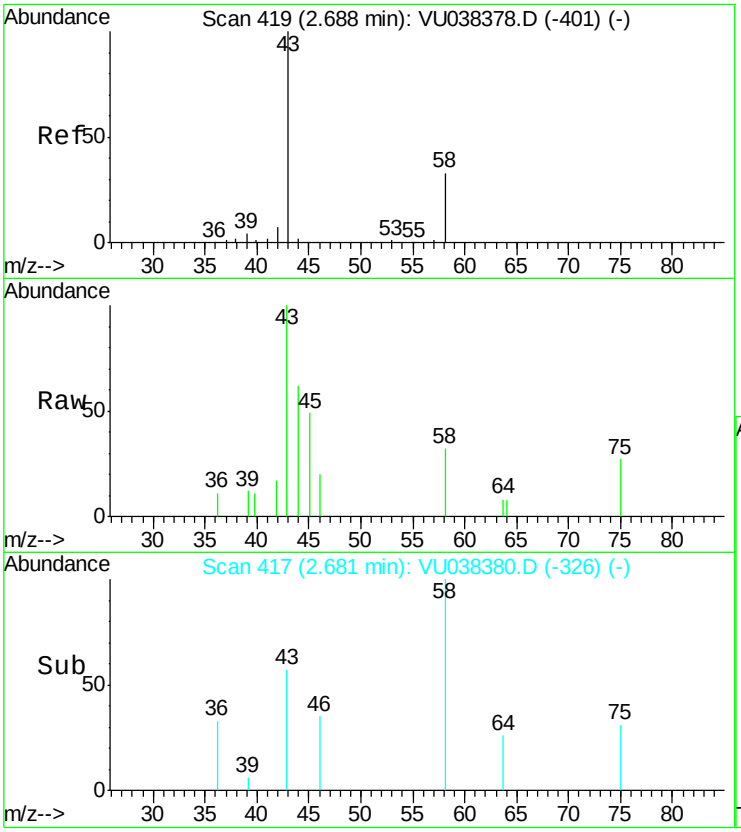


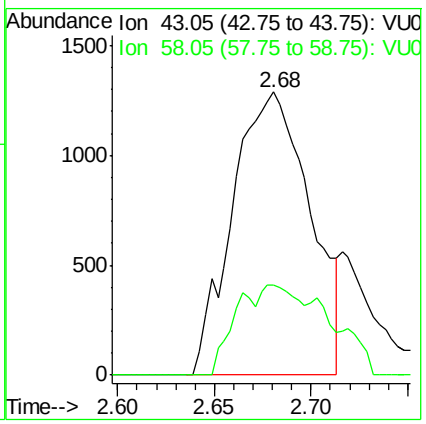


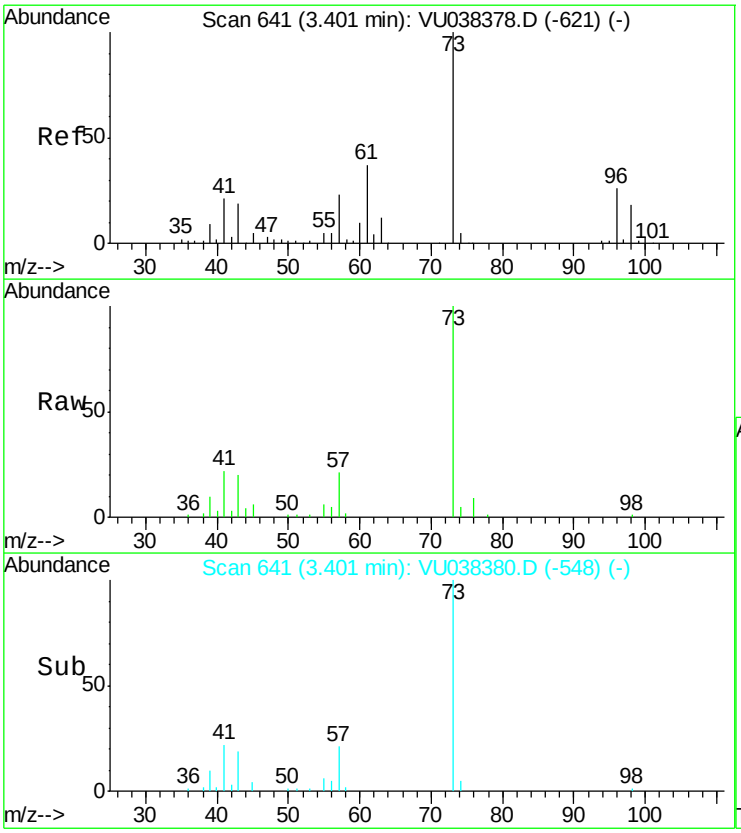
#13
Acetone
Concen: 0.83 ug/L
RT: 2.68 min Scan# 417
Delta R.T. -0.01 min
Lab File: VU038380.D
Acq: 29 May 2020 16:52

Instrument :
MSVOA_U
ClientSampleId :
BE4X2

Tgt Ion: 43 Resp: 3588

Ion	Ratio	Lower	Upper
43	100		
58	6.0	0.0	63.6

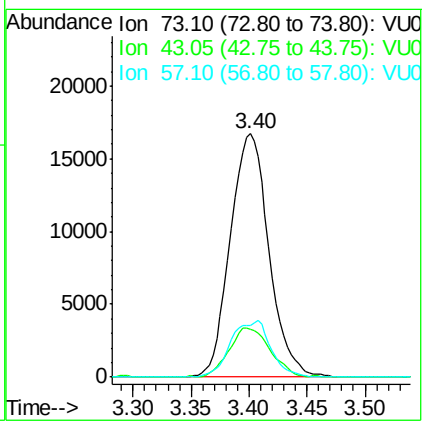


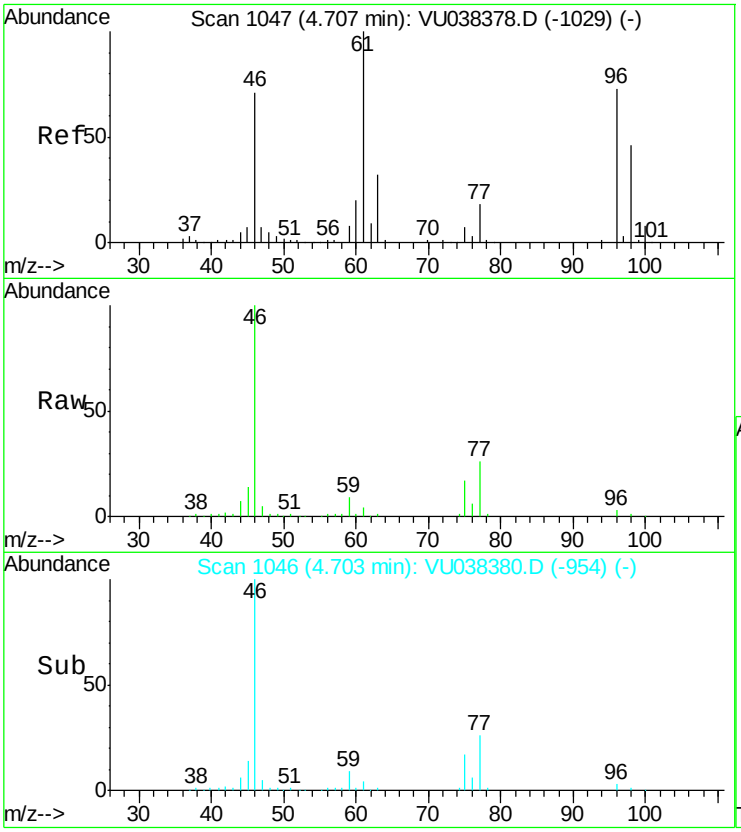


#17
Methyl tert-butyl Ether
Concen: 0.66 ug/L
RT: 3.40 min Scan# 641
Delta R.T. -0.00 min
Lab File: VU038380.D
Acq: 29 May 2020 16:52

Tgt Ion: 73 Resp: 38763

Ion	Ratio	Lower	Upper
73	100		
43	21.4	16.9	25.3
57	24.1	18.2	27.2



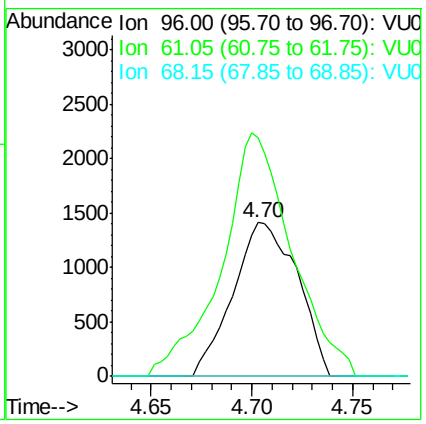


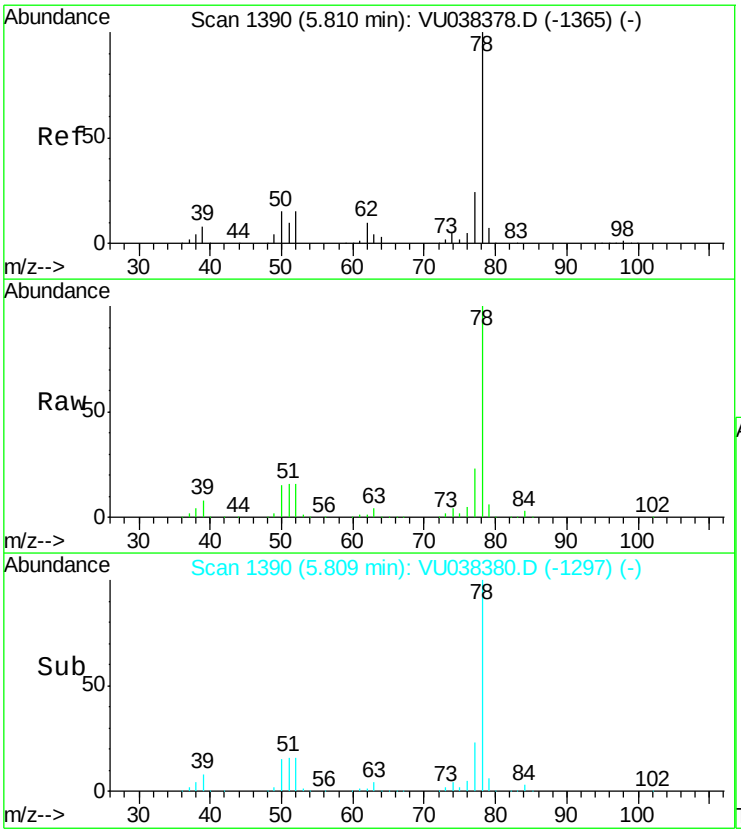
#22
cis-1,2-Dichloroethene
Concen: 0.13 ug/L
RT: 4.70 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU038380.D
Acq: 29 May 2020 16:52

Instrument :
MSVOA_U
ClientSampleId :
BE4X2

Tgt Ion: 96 Resp: 3141

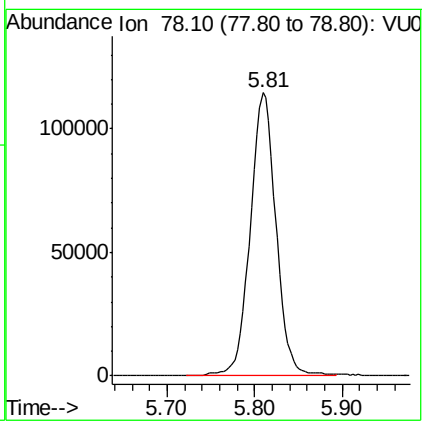
Ion	Ratio	Lower	Upper
96	100		
61	155.4	95.3	176.9
68	0.0	0.0	0.0

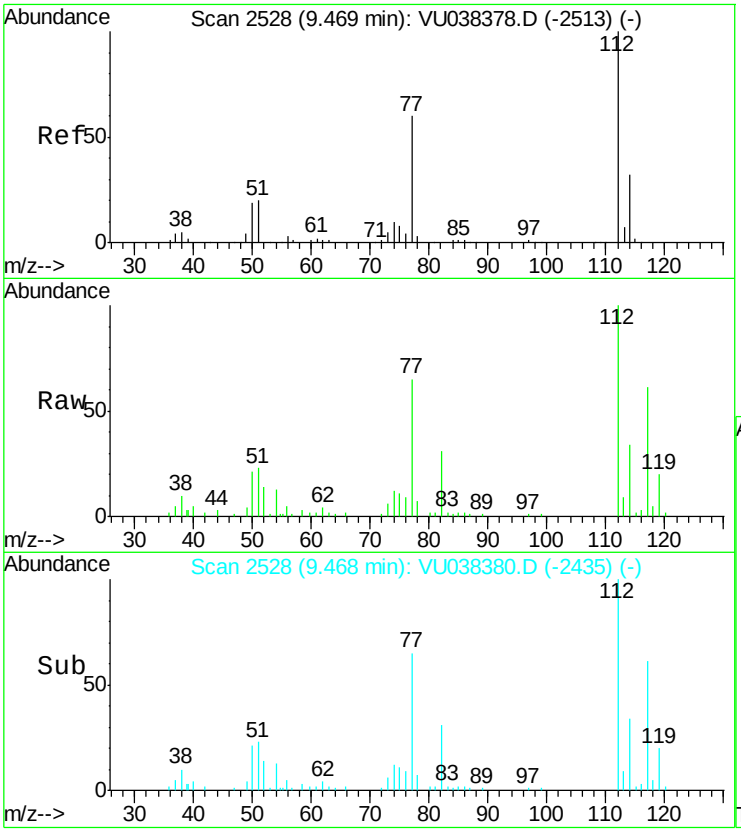




#33
Benzene
Concen: 2.48 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038380.D
Acq: 29 May 2020 16:52

Tgt Ion: 78 Resp: 234492



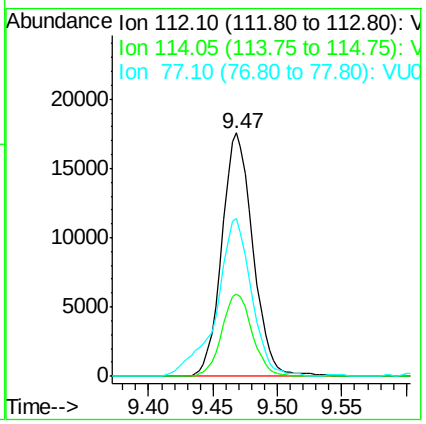


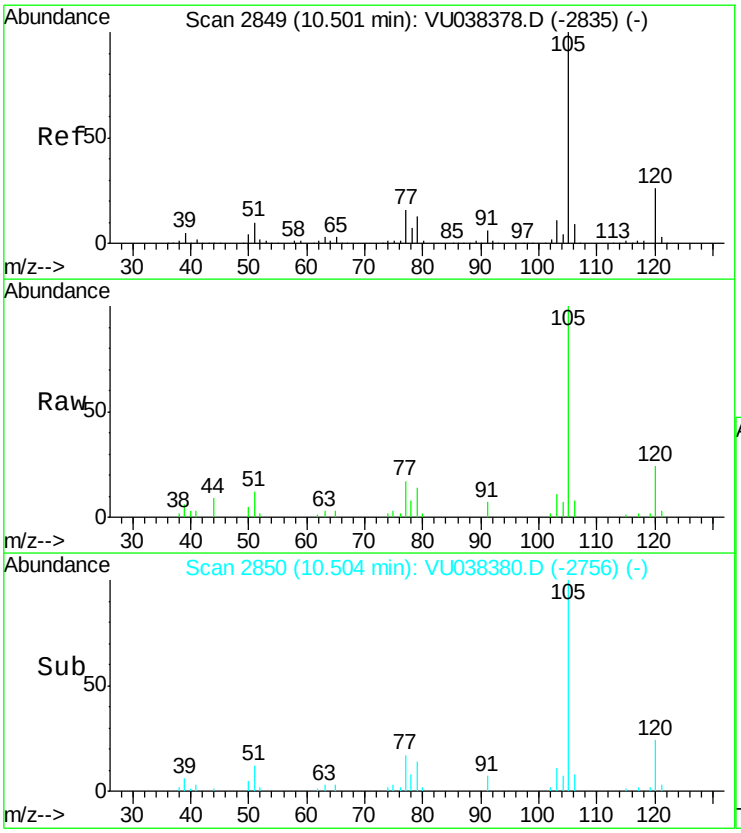
#51
Chlorobenzene
Concen: 0.47 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU038380.D
Acq: 29 May 2020 16:52

Instrument : MSVOA_U
ClientSampleId : BE4X2

Tgt Ion:112 Resp: 29376

Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.5	41.7
77	65.0	49.9	74.9





#56
Isopropylbenzene
Concen: 0.13 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VU038380.D
Acq: 29 May 2020 16:52

Tgt Ion:105 Resp: 13040

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.0	31.6
77	19.0	13.0	19.4