Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062620\
Data File : VU039155.D
Acq On : 26 Jun 2020 11:03
Operator : SY/MD
Sample : L3110-02DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F12DL

Quant Time: Jun 27 00:08:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 23:52:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	338496	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	323944	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	144850	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	45192	1.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 36.40%#			
7) Chloroethane-d5	1.93	69	45882	2.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 44.80%#			
11) 1,1-Dichloroethene-d2	2.59	63	69799	1.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 29.40%#			
20) 2-Butanone-d5	4.68	46	250691	28.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 56.04%			
24) Chloroform-d	5.10	84	114827	2.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 47.20%#			
26) 1,2-Dichloroethane-d4	5.74	65	73988	2.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 49.40%#			
32) Benzene-d6	5.76	84	206361	2.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 46.00%#			
36) 1,2-Dichloropropane-d6	6.72	67	72668	2.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 48.20%#			
41) Toluene-d8	7.92	98	157824	2.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 42.00%#			
43) trans-1,3-Dichloropropene-	8.20	79	29901	2.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 45.60%#			
46) 2-Hexanone-d5	8.66	63	169696	25.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 50.12%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	68536	2.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 48.80%#			
64) 1,2-Dichlorobenzene-d4	12.21	152	68986	2.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 51.20%#			
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.83	62	25964	0.727	ug/L	97
30) Cyclohexane	5.42	56	4796	0.128	ug/L #	87
33) Benzene	5.81	78	696652	6.845	ug/L	100
42) Toluene	8.00	91	10942	0.108	ug/L	94
52) Ethylbenzene	9.59	91	63117	0.594	ug/L	97
53) m,p-Xylene	9.71	106	9642	0.247	ug/L	92

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

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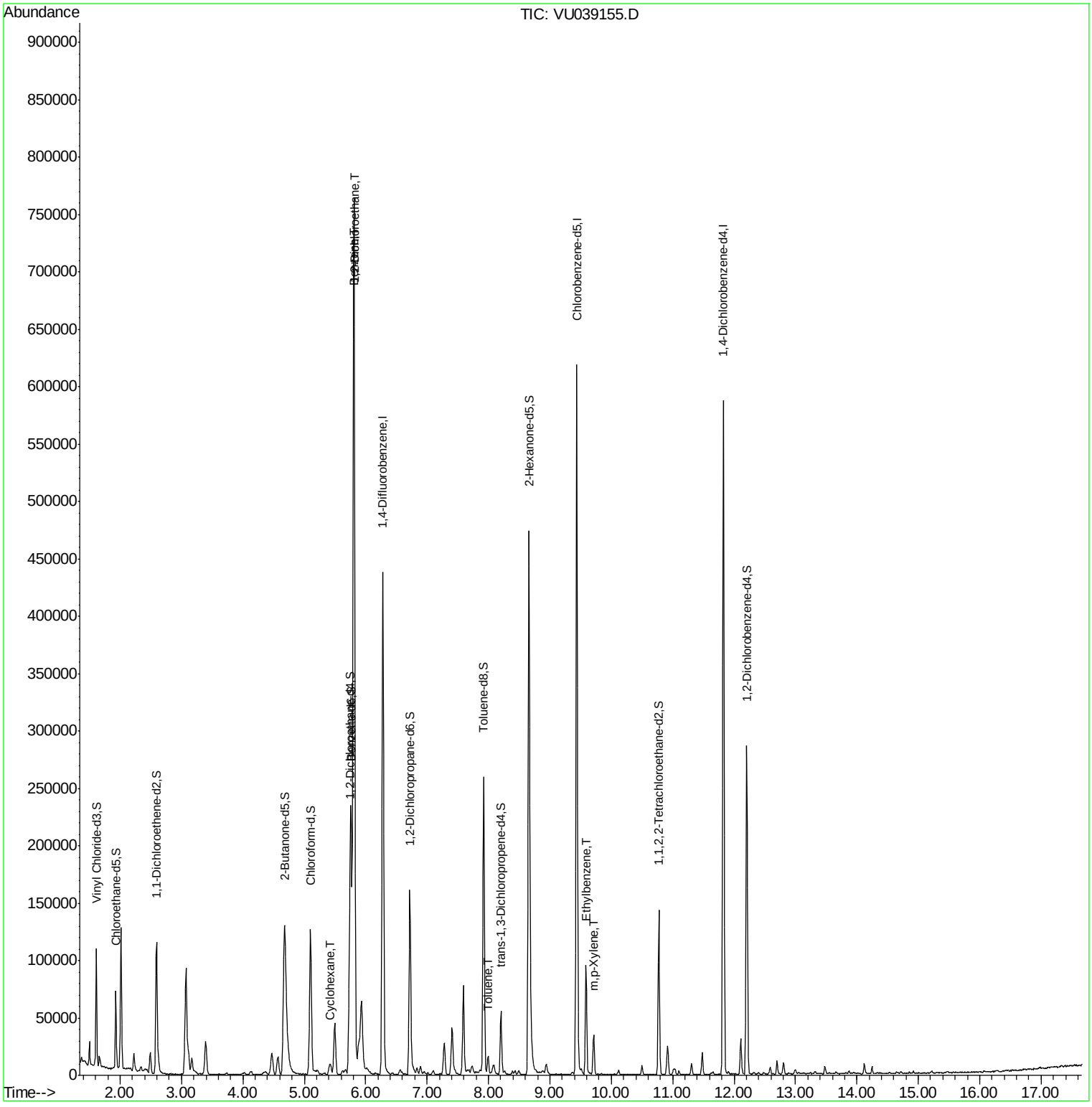
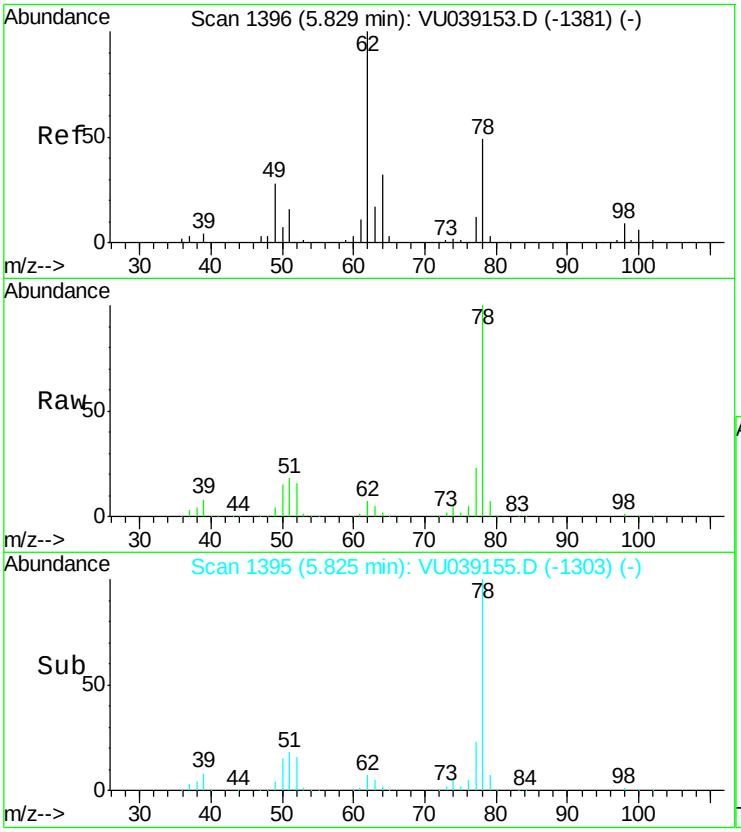


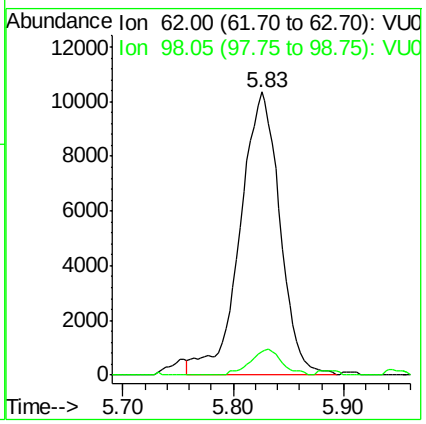


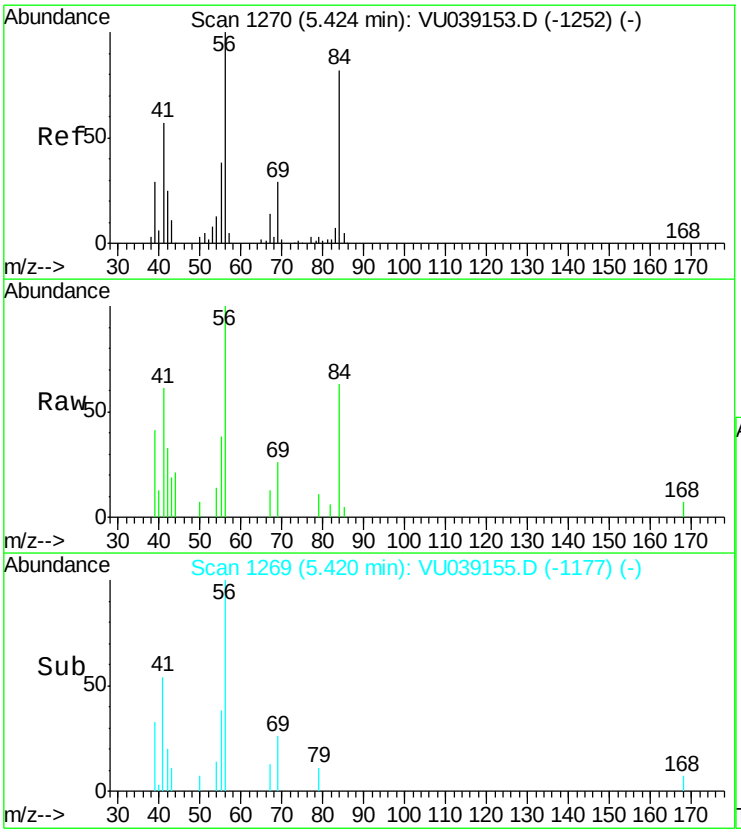
#27
1,2-Dichloroethane
Concen: 0.727 ug/L
RT: 5.83 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VU039155.D
Acq: 26 Jun 2020 11:03

Instrument : MSVOA_U
ClientSampleId : F9F12DL

Tgt Ion: 62 Resp: 25964

Ion	Ratio	Lower	Upper
62	100		
98	8.4	7.7	11.5

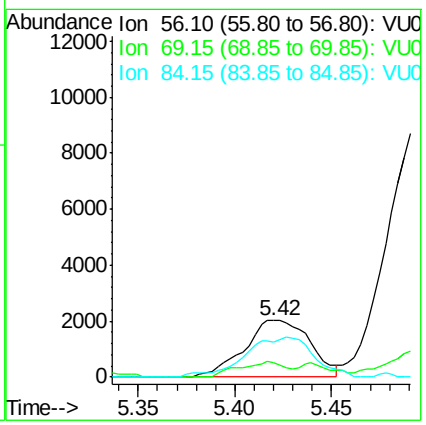


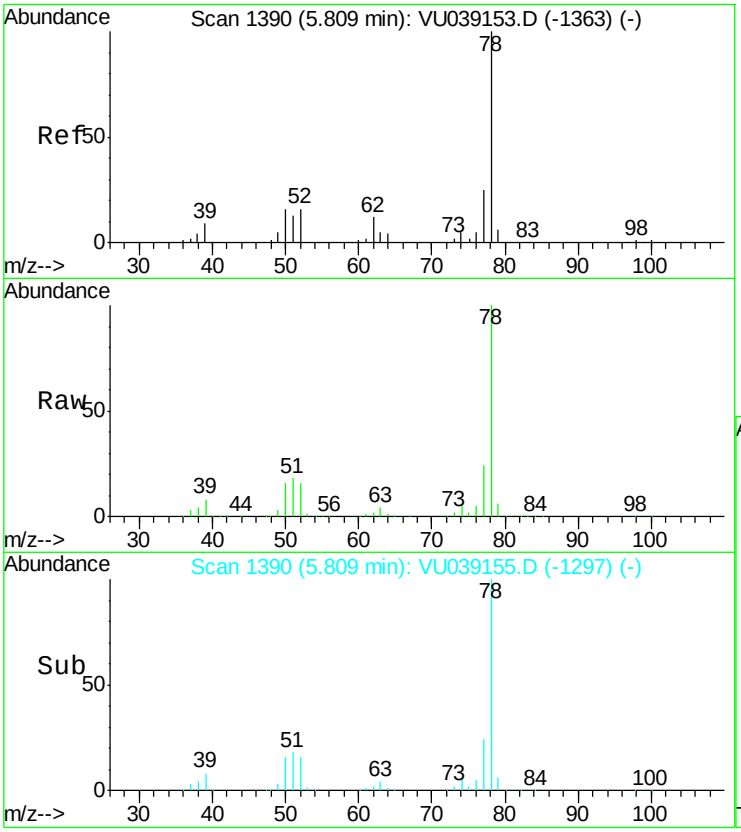


#30
Cyclohexane
Concen: 0.128 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU039155.D
Acq: 26 Jun 2020 11:03

Tgt Ion: 56 Resp: 4796

Ion	Ratio	Lower	Upper
56	100		
69	19.6	23.3	34.9#
84	74.0	67.1	100.7

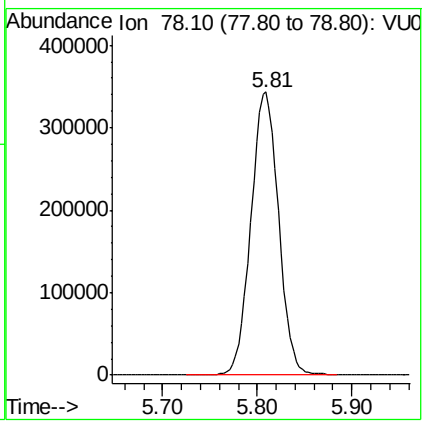


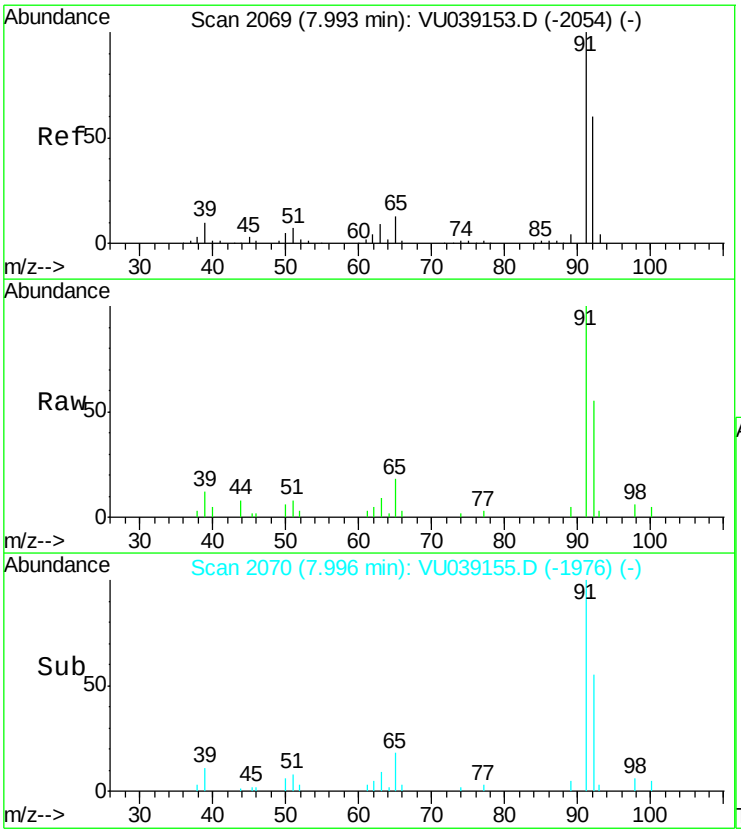


#33
Benzene
Concen: 6.845 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU039155.D
Acq: 26 Jun 2020 11:03

Instrument :
MSVOA_U
ClientSampleId :
F9F12DL

Tgt Ion: 78 Resp: 696652

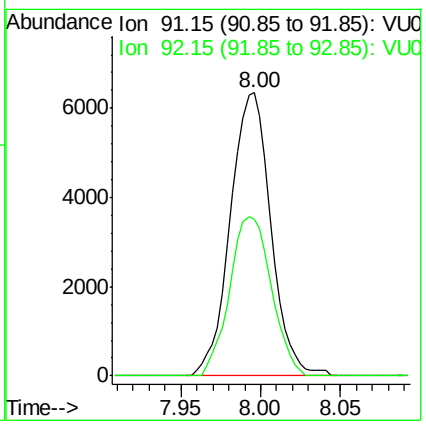


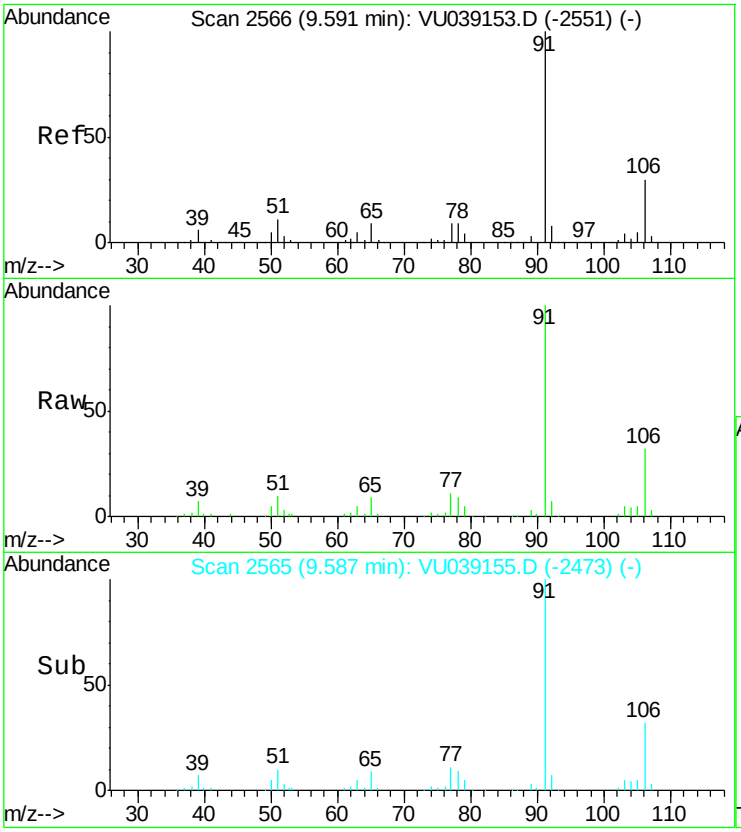


#42
Toluene
Concen: 0.108 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU039155.D
Acq: 26 Jun 2020 11:03

Tgt Ion: 91 Resp: 10942

Ion	Ratio	Lower	Upper
91	100		
92	55.4	42.1	78.1



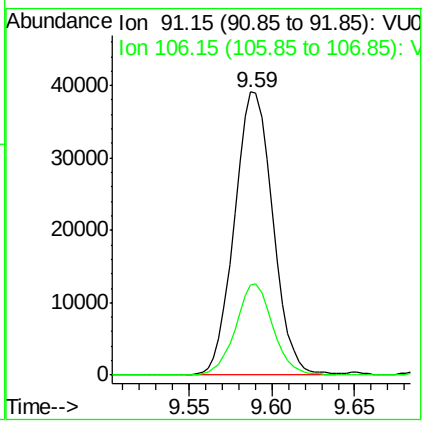


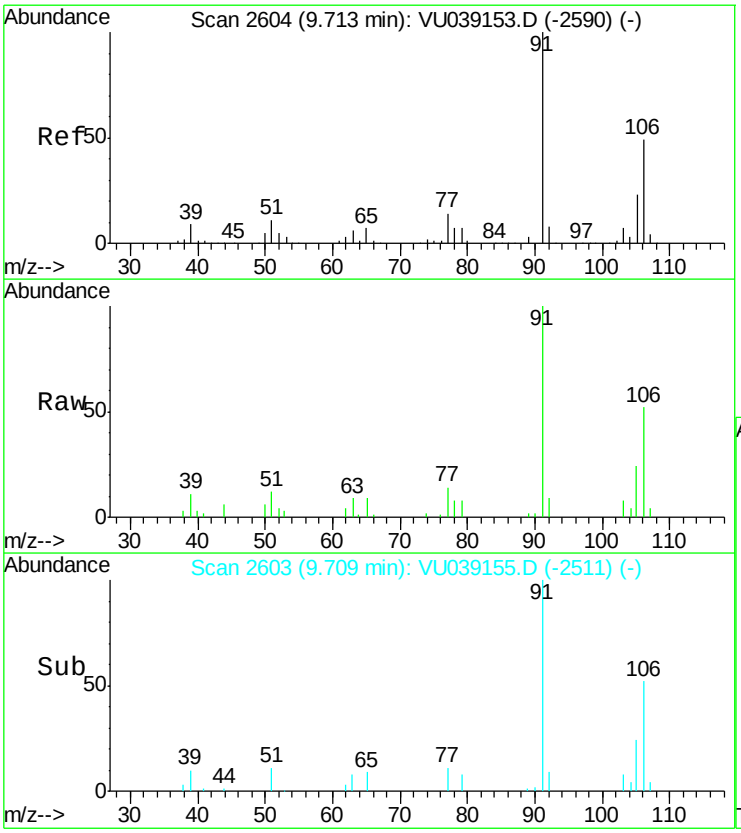
#52
Ethylbenzene
Concen: 0.594 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU039155.D
Acq: 26 Jun 2020 11:03

Instrument : MSVOA_U
ClientSampleId : F9F12DL

Tgt Ion: 91 Resp: 63117

Ion	Ratio	Lower	Upper
91	100		
106	31.9	21.3	39.6





#53
m,p-Xylene
Concen: 0.247 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU039155.D
Acq: 26 Jun 2020 11:03

Tgt Ion:106 Resp: 9642

Ion	Ratio	Lower	Upper
106	100		
91	193.0	143.6	266.8