Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061020\
Data File : VV016776.D
Acq On : 10 Jun 2020 18:01
Operator : SY/MD
Sample : L2914-07 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E02

Quant Time: Jun 11 03:17:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 01:04:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	360765	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176277	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	119913	47.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.22%			
7) Chloroethane-d5	1.54	69	58260	38.14	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.28%			
11) 1,1-Dichloroethene-d2	2.11	63	141187	33.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.06%			
21) 2-Butanone-d5	3.90	46	165729	87.96	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.96%			
24) Chloroform-d	4.37	84	215220	41.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.16%			
26) 1,2-Dichloroethane-d4	5.05	65	158358	44.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.96%			
32) Benzene-d6	5.07	84	435278	45.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.26%			
36) 1,2-Dichloropropane-d6	6.09	67	134054	44.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.18%			
41) Toluene-d8	7.34	98	393662	44.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.96%			
43) trans-1,3-Dichloropropene-	7.64	79	65710	41.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.94%			
47) 2-Hexanone-d5	8.11	63	106247	81.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.07%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181081	45.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	175679	46.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
29) Cyclohexane	4.69	56	15657	3.766	ug/L	96
33) Benzene	5.12	78	1946930	196.690	ug/L	100
35) Methylcyclohexane	6.15	83	2446	0.587	ug/L #	74
42) Toluene	7.41	91	40909	3.920	ug/L	99
52) Ethylbenzene	9.04	91	30935	2.677	ug/L	94
53) m,p-Xylene	9.16	106	27455	6.380	ug/L	94
54) o-xylene	9.56	106	10299	2.427	ug/L	99

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

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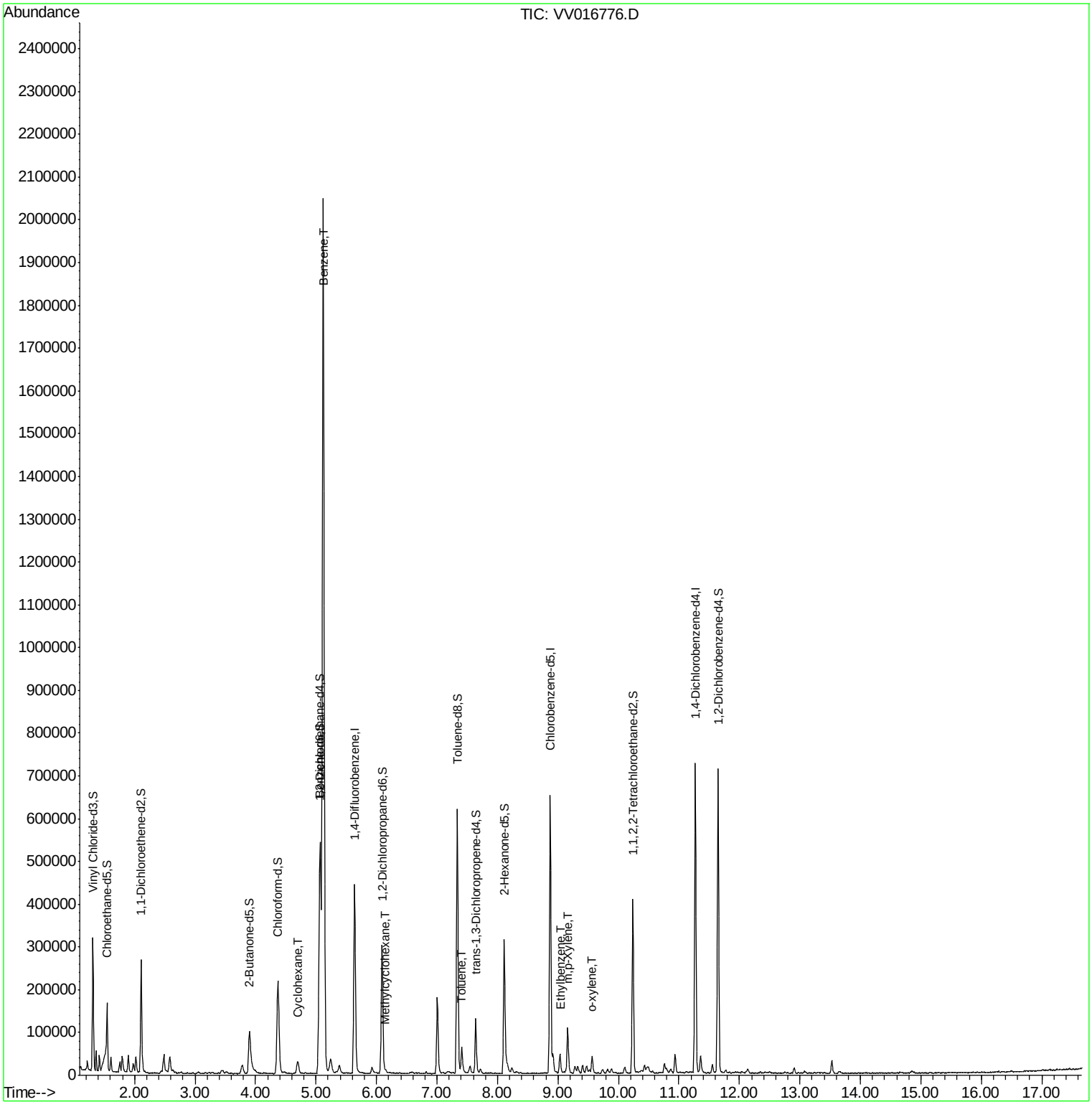
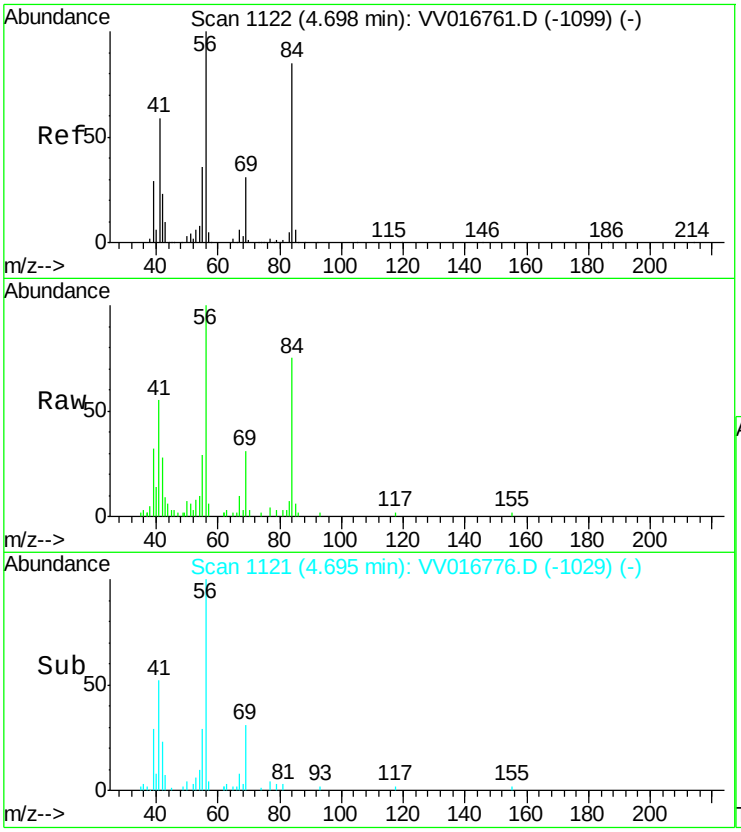


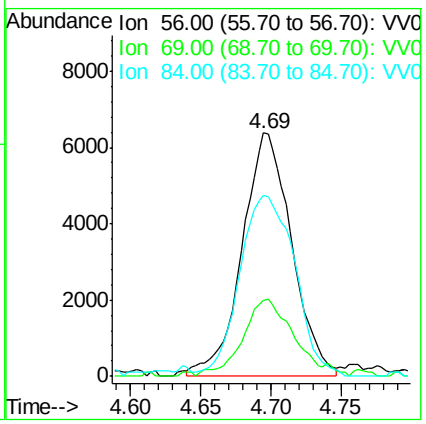


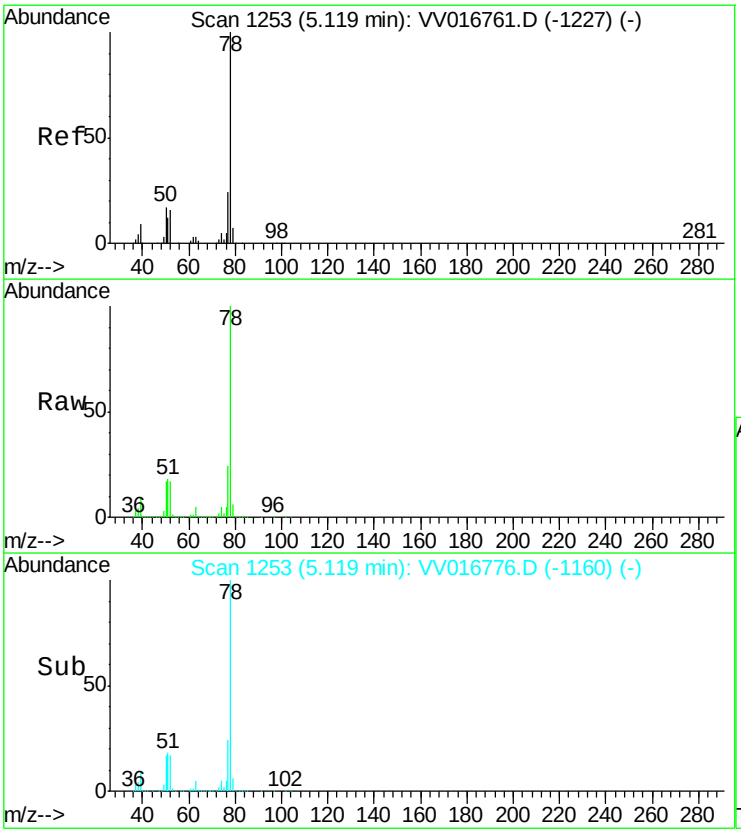
#29
Cyclohexane
Concen: 3.766 ug/L
RT: 4.69 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VV016776.D
Acq: 10 Jun 2020 18:01

Instrument : MSVOA_V
ClientSampleId : F9E02

Tgt Ion: 56 Resp: 15657

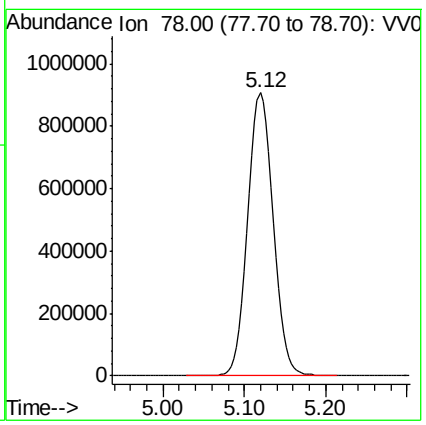
Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.0	37.4
84	82.8	69.5	104.3

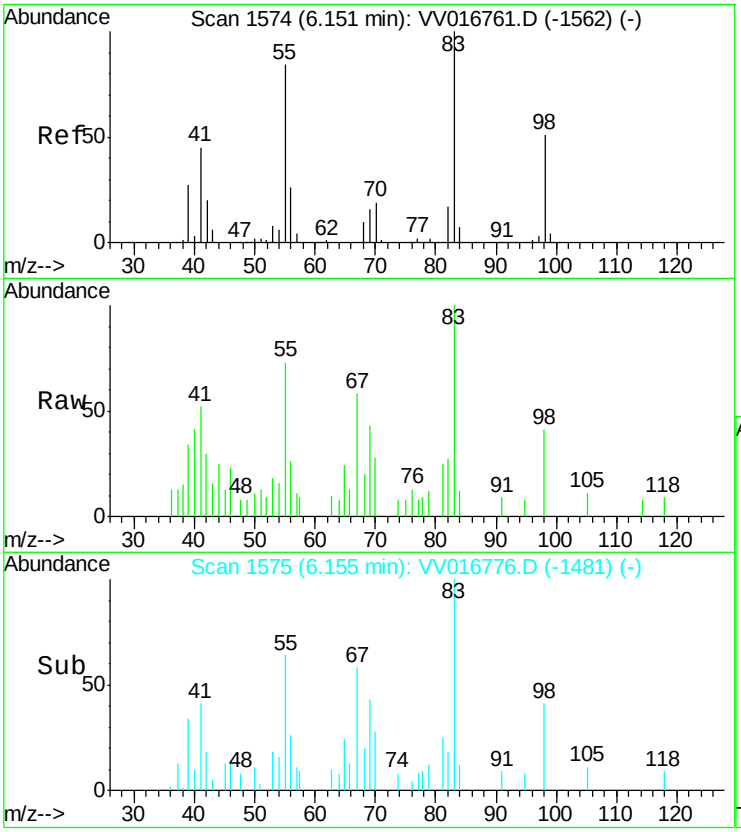




#33
Benzene
Concen: 196.690 ug/L
RT: 5.12 min Scan# 1253
Delta R.T. 0.00 min
Lab File: VV016776.D
Acq: 10 Jun 2020 18:01

Tgt Ion: 78 Resp: 1946930



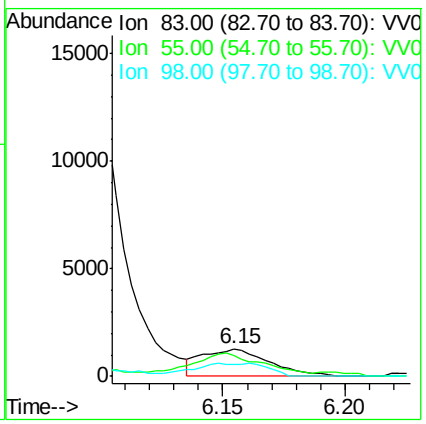


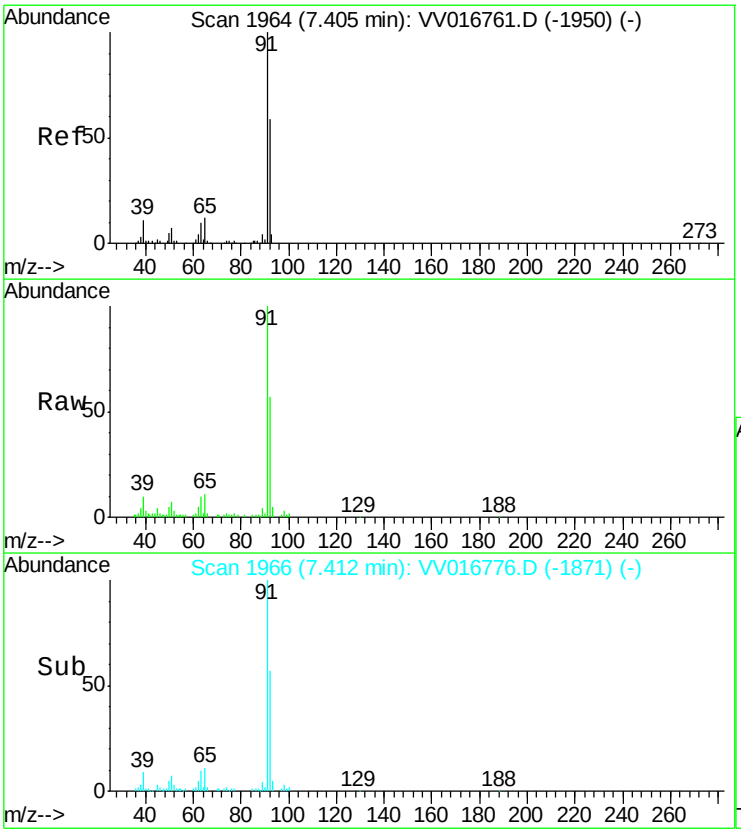
#35
Methylcyclohexane
Concen: 0.587 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV016776.D
Acq: 10 Jun 2020 18:01

Instrument : MSVOA_V
ClientSampleId : F9E02

Tgt Ion: 83 Resp: 2446

Ion	Ratio	Lower	Upper
83	100		
55	94.9	64.2	96.2
98	22.4	40.3	60.5#

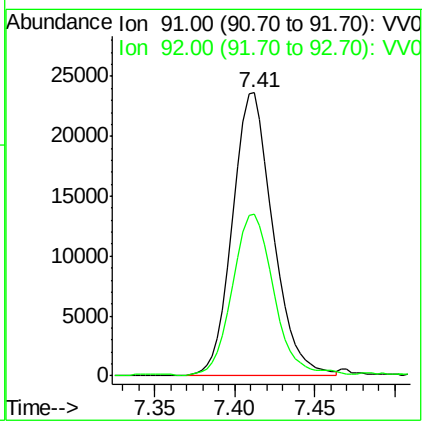


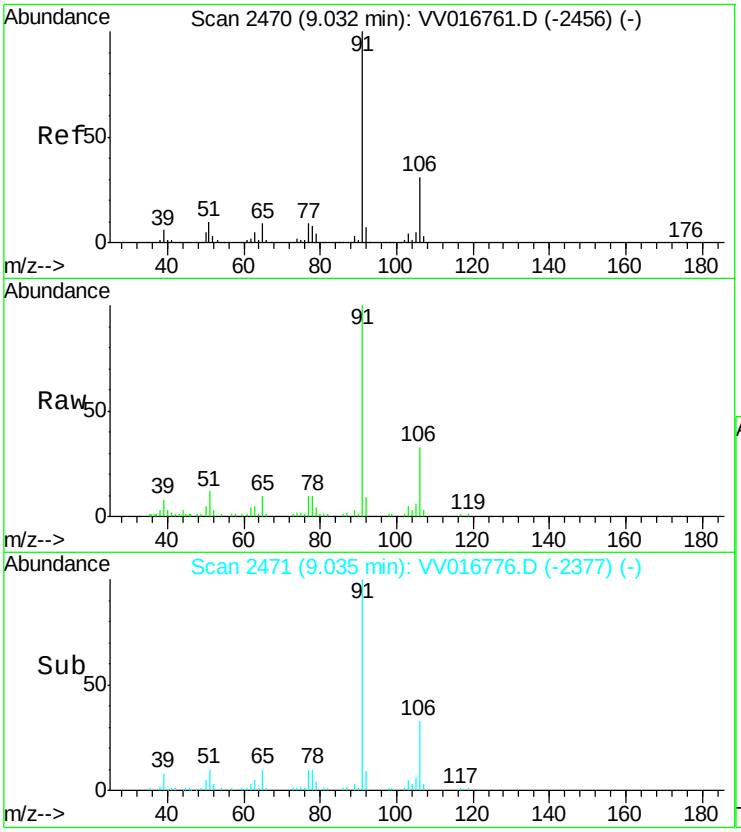


#42
Toluene
Concen: 3.920 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.01 min
Lab File: VV016776.D
Acq: 10 Jun 2020 18:01

Tgt Ion: 91 Resp: 40909

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.4	75.0



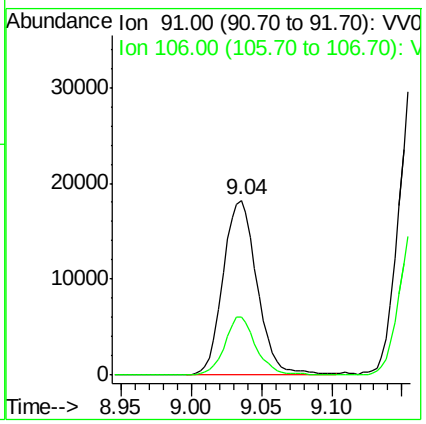


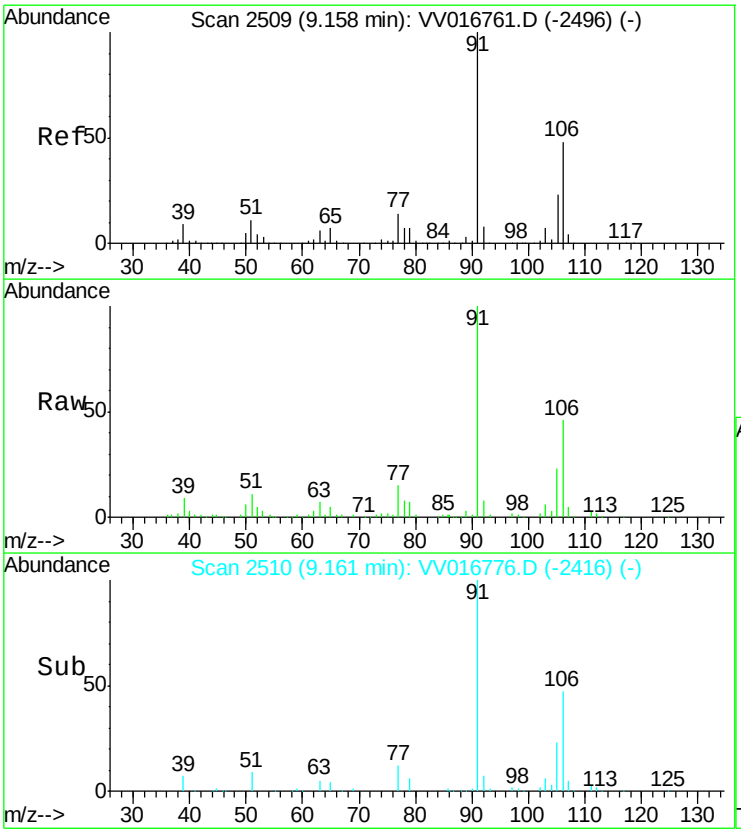
#52
Ethylbenzene
Concen: 2.677 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016776.D
Acq: 10 Jun 2020 18:01

Instrument : MSVOA_V
ClientSampleId : F9E02

Tgt Ion: 91 Resp: 30935

Ion	Ratio	Lower	Upper
91	100		
106	33.4	21.1	39.1

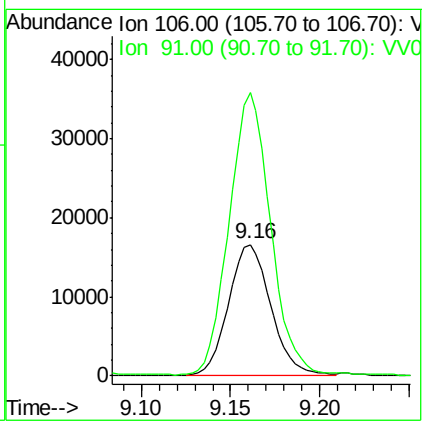


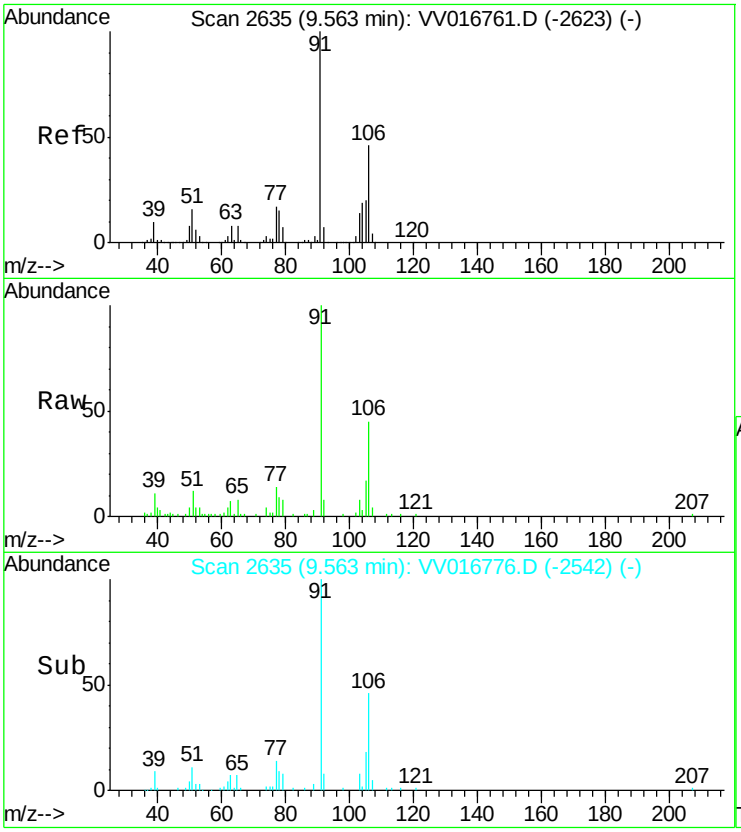


#53
m,p-Xylene
Concen: 6.380 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016776.D
Acq: 10 Jun 2020 18:01

Tgt Ion:106 Resp: 27455

Ion	Ratio	Lower	Upper
106	100		
91	216.0	144.6	268.6

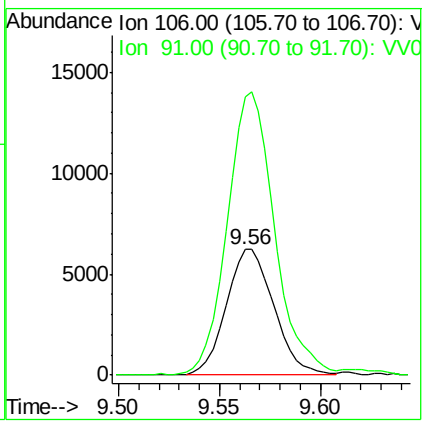




#54
o-xylene
Concen: 2.427 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV016776.D
Acq: 10 Jun 2020 18:01

Tgt Ion:106 Resp: 10299

Ion	Ratio	Lower	Upper
106	100		
91	221.3	155.9	289.5



Instrument :
MSVOA_V
ClientSampleId :
F9E02