Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061020\
Data File : VV016775.D
Acq On : 10 Jun 2020 17:38
Operator : SY/MD
Sample : L2914-06 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Manual Integrations APPROVED
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6/11/2020 4:23:26 PM

Quant Time: Jun 11 02:49:20 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	355187	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334840	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176291	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	118588	47.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.64%			
7) Chloroethane-d5	1.54	69	59848	39.80	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.60%			
11) 1,1-Dichloroethene-d2	2.11	63	140521	33.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.78%			
21) 2-Butanone-d5	3.90	46	164803	88.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.84%			
24) Chloroform-d	4.37	84	212273	41.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.30%			
26) 1,2-Dichloroethane-d4	5.05	65	157486	45.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.86%			
32) Benzene-d6	5.07	84	436784	45.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.50%			
36) 1,2-Dichloropropane-d6	6.09	67	133307	44.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.62%			
41) Toluene-d8	7.34	98	392984	44.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.74%			
43) trans-1,3-Dichloropropene-	7.64	79	65395	41.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.46%			
47) 2-Hexanone-d5	8.11	63	101911	77.69	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.69%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181126	45.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.94%			
64) 1,2-Dichlorobenzene-d4	11.65	152	174940	46.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
25) Chloroform	4.39	83	7592m	1.633	ug/L	
29) Cyclohexane	4.69	56	15302	3.678	ug/L	97
33) Benzene	5.12	78	1982557	200.118	ug/L	100
35) Methylcyclohexane	6.15	83	2586	0.620	ug/L #	63
42) Toluene	7.41	91	41623	3.985	ug/L	96
52) Ethylbenzene	9.04	91	30586	2.644	ug/L	97
53) m,p-Xylene	9.16	106	28297	6.570	ug/L	98
54) o-xylene	9.57	106	10767	2.535	ug/L	91

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

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Instrument :
MSVOA_V
ClientSampleId :
F9E01

Manual Integrations APPROVED
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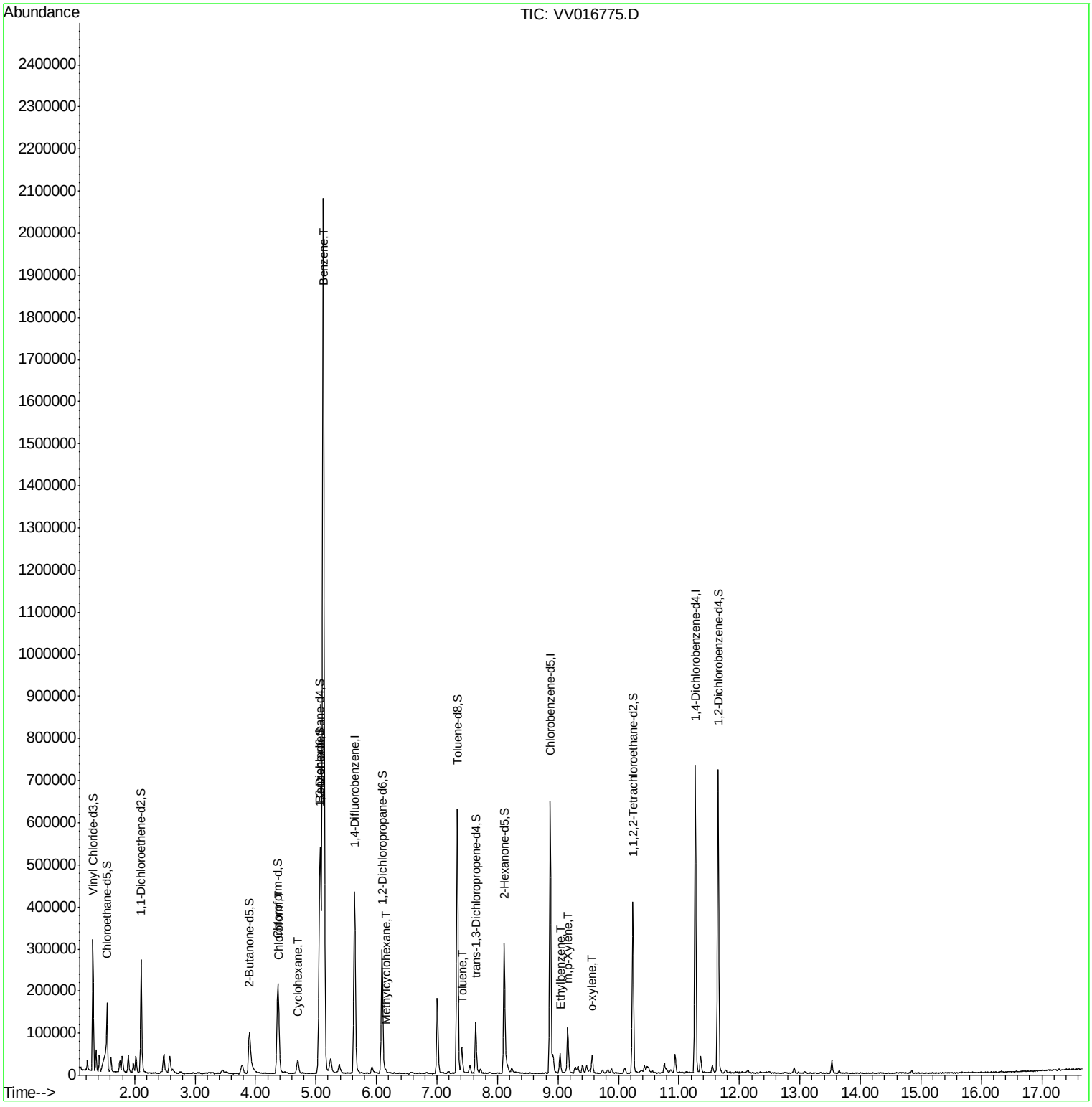

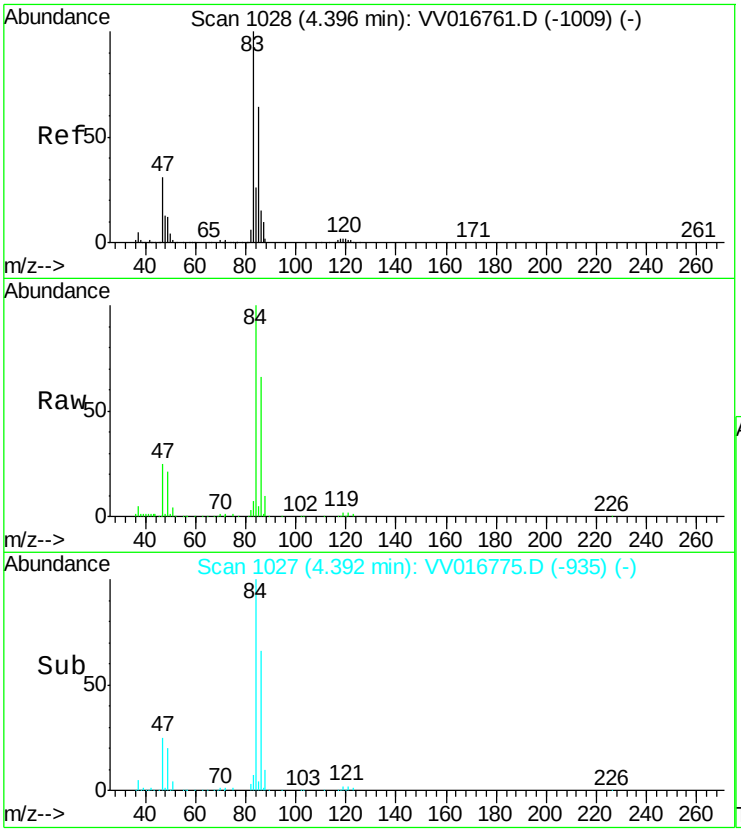

#25
Chloroform
Concen: 1.633 ug/L m
RT: 4.39 min Scan# 1027
Delta R.T. -0.00 min
Lab File: VV016775.D
Acq: 10 Jun 2020 17:38

Tgt Ion: 83 Resp: 7592

Ion	Ratio	Lower	Upper
83	100		
85	61.9	44.1	81.9

Instrument :
MSVOA_V
ClientSampleId :
F9E01

Manual Integrations APPROVED
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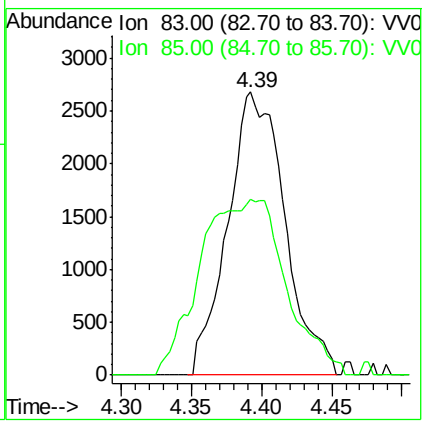
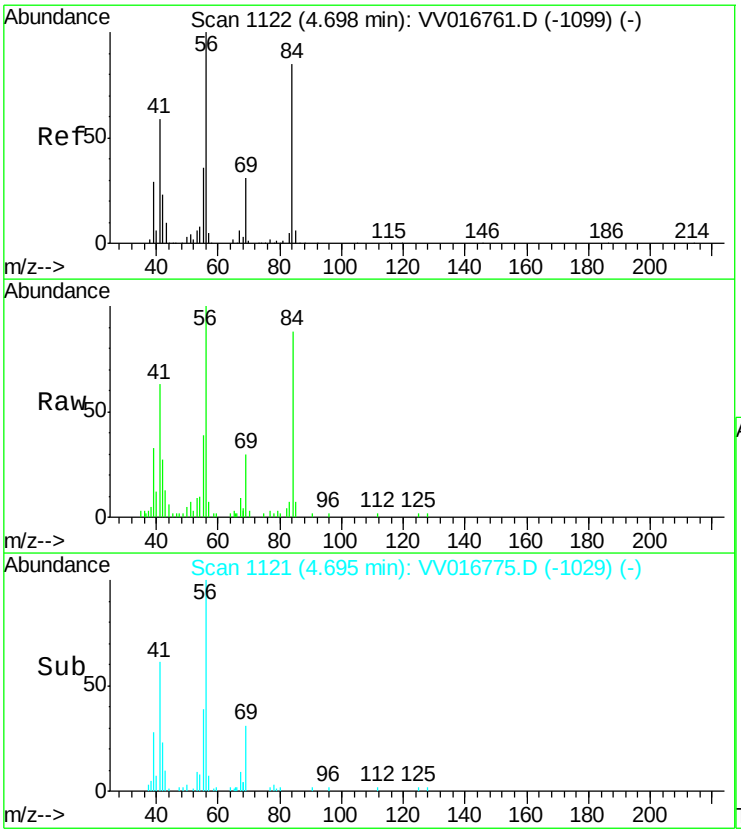
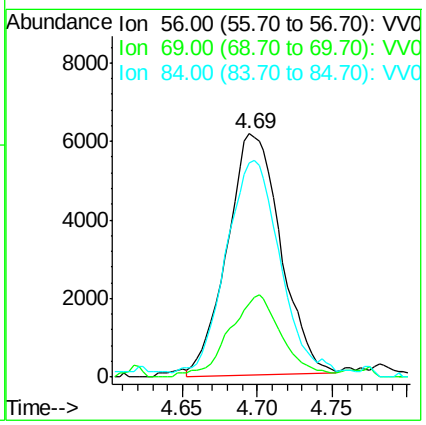


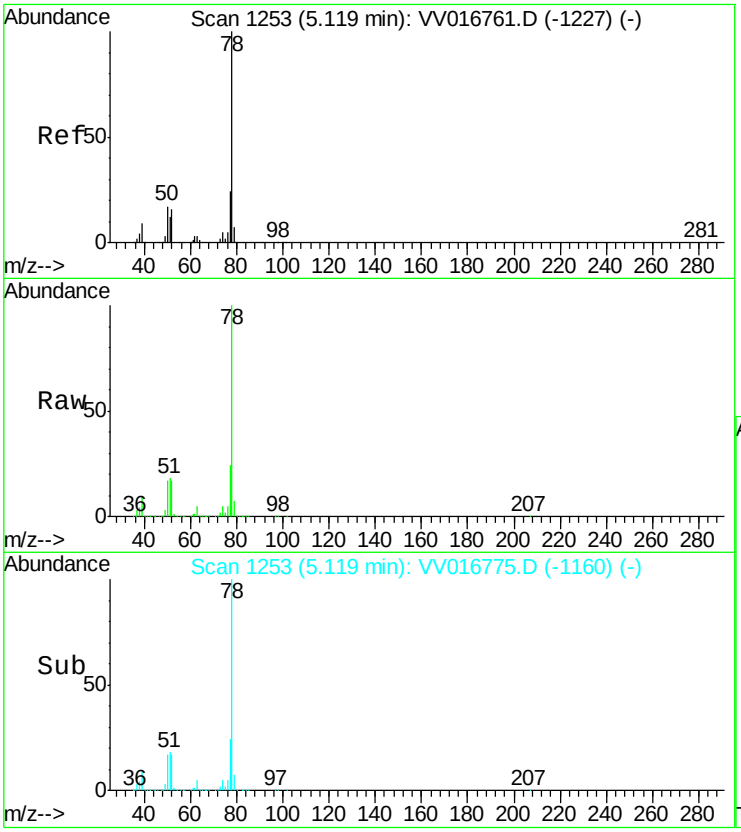


#29
Cyclohexane
Concen: 3.678 ug/L
RT: 4.69 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VV016775.D
Acq: 10 Jun 2020 17:38

Tgt Ion: 56 Resp: 15302

Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.0	37.4
84	89.4	69.5	104.3





#33
Benzene
Concen: 200.118 ug/L
RT: 5.12 min Scan# 1253
Delta R.T. -0.00 min
Lab File: VV016775.D
Acq: 10 Jun 2020 17:38

Tgt Ion: 78 Resp: 1982557

Instrument :
MSVOA_V
ClientSampleId :
F9E01

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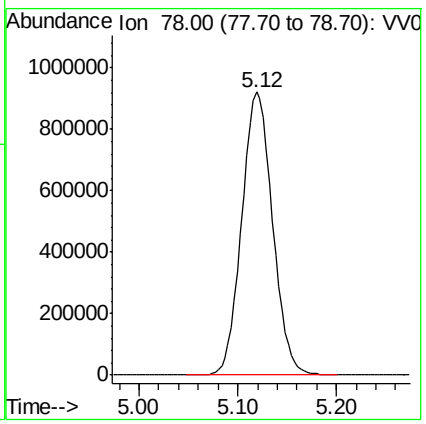
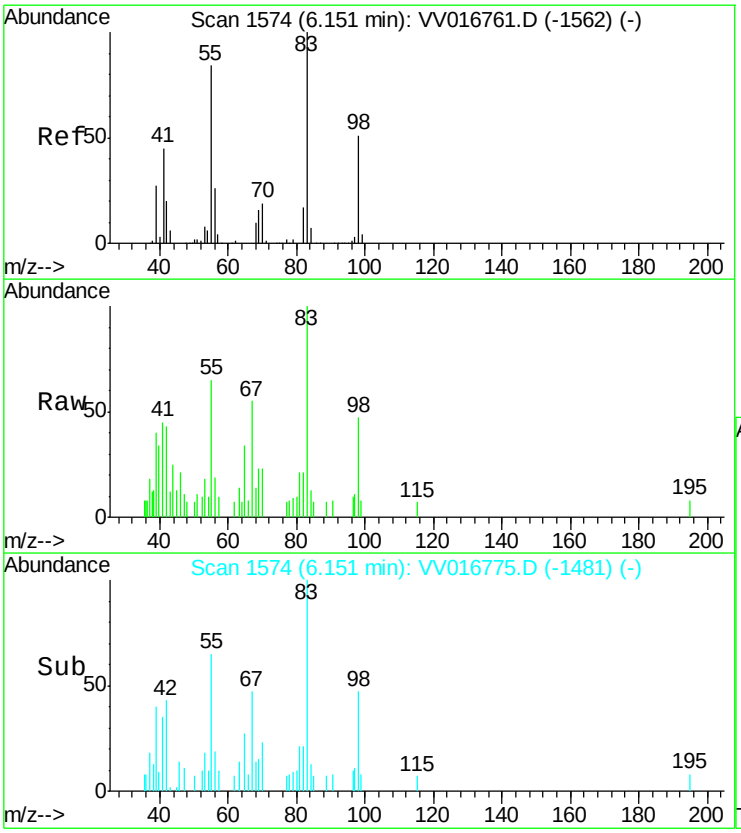
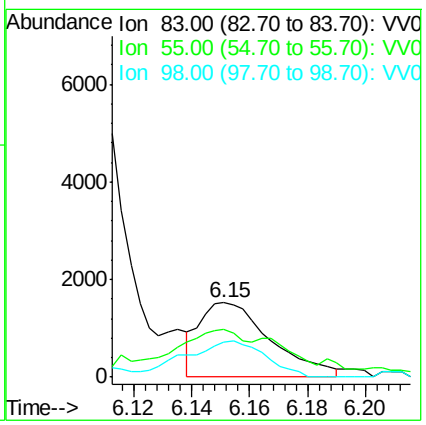


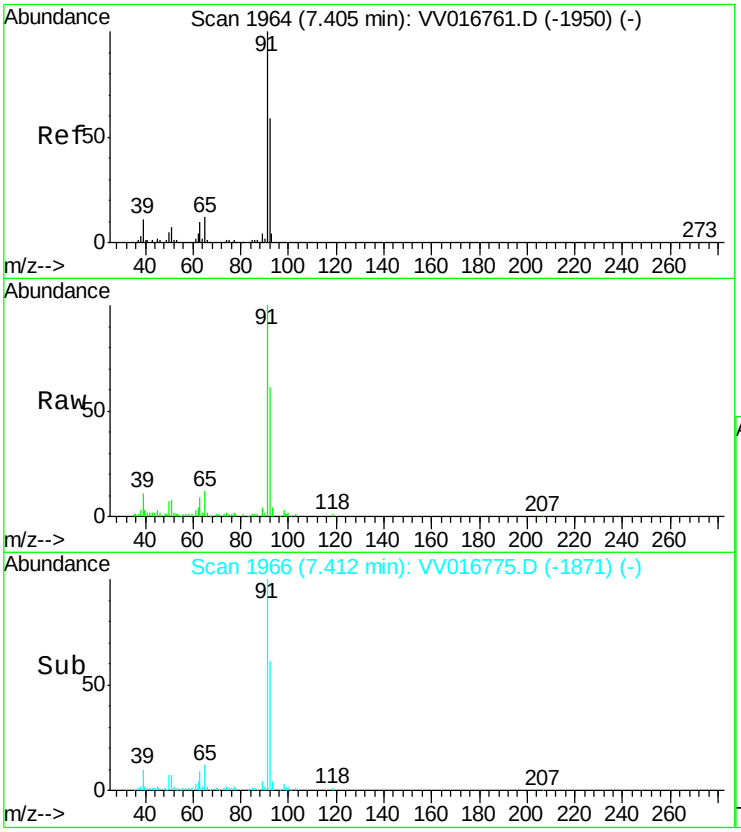


#35
Methylcyclohexane
Concen: 0.620 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV016775.D
Acq: 10 Jun 2020 17:38

Tgt Ion: 83 Resp: 2586

Ion	Ratio	Lower	Upper
83	100		
55	35.4	64.2	96.2#
98	39.1	40.3	60.5#

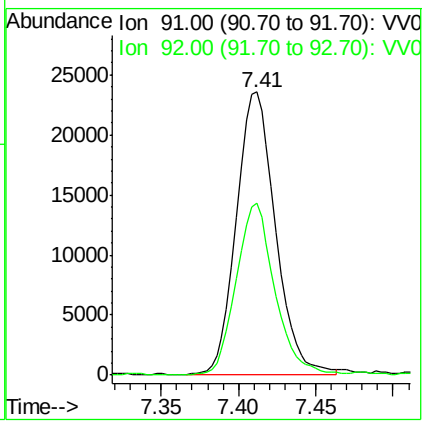




#42
Toluene
Concen: 3.985 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.01 min
Lab File: VV016775.D
Acq: 10 Jun 2020 17:38

Tgt Ion: 91 Resp: 41623

Ion	Ratio	Lower	Upper
91	100		
92	60.8	40.4	75.0



Instrument :
MSVOA_V
ClientSampleId :
F9E01

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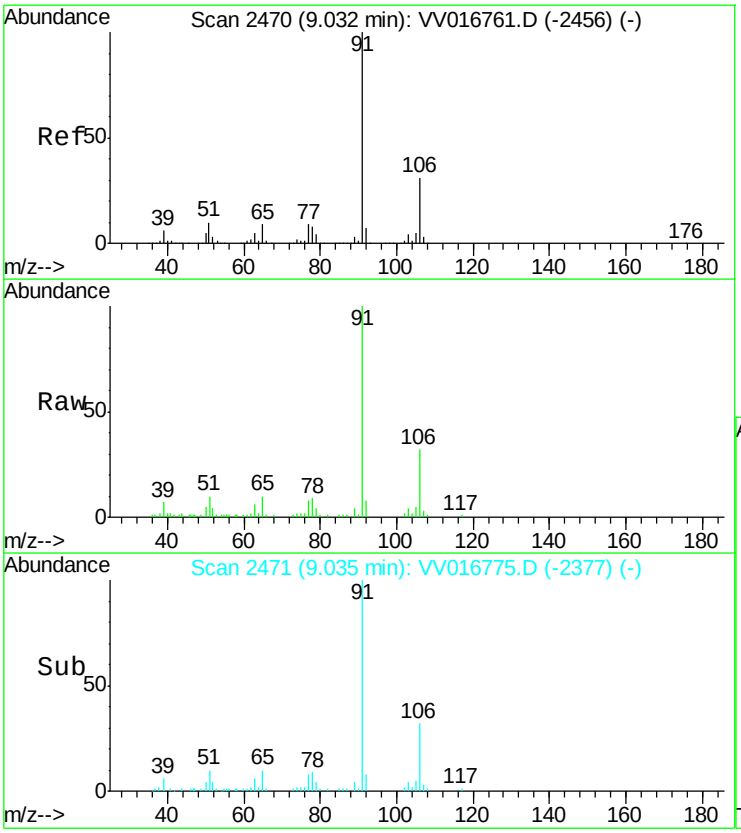
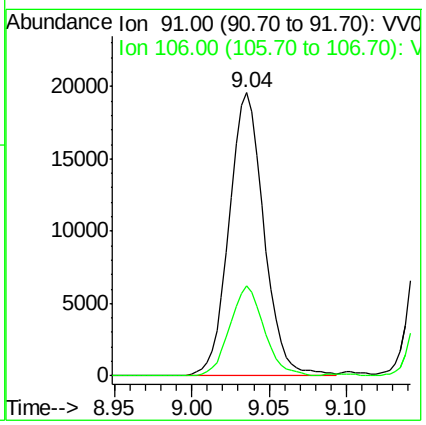
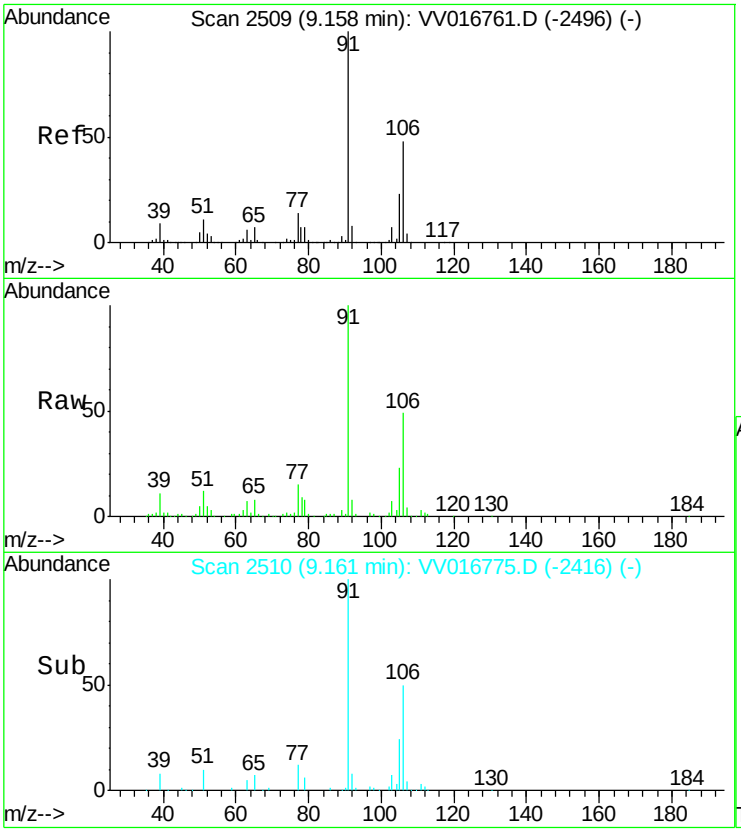


#52
Ethylbenzene
Concen: 2.644 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016775.D
Acq: 10 Jun 2020 17:38

Tgt Ion: 91 Resp: 30586

Ion	Ratio	Lower	Upper
91	100		
106	31.6	21.1	39.1

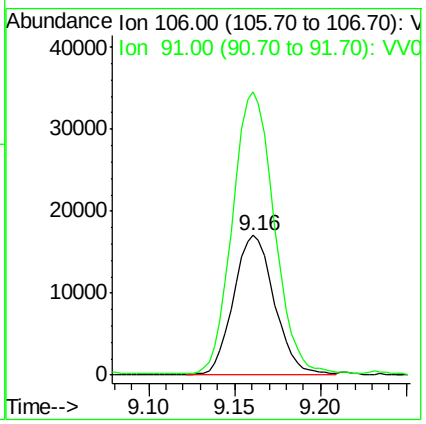




#53
m,p-Xylene
Concen: 6.570 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016775.D
Acq: 10 Jun 2020 17:38

Tgt Ion:106 Resp: 28297

Ion	Ratio	Lower	Upper
106	100		
91	202.8	144.6	268.6



Instrument :
MSVOA_V
ClientSampleId :
F9E01

Manual Integrations APPROVED
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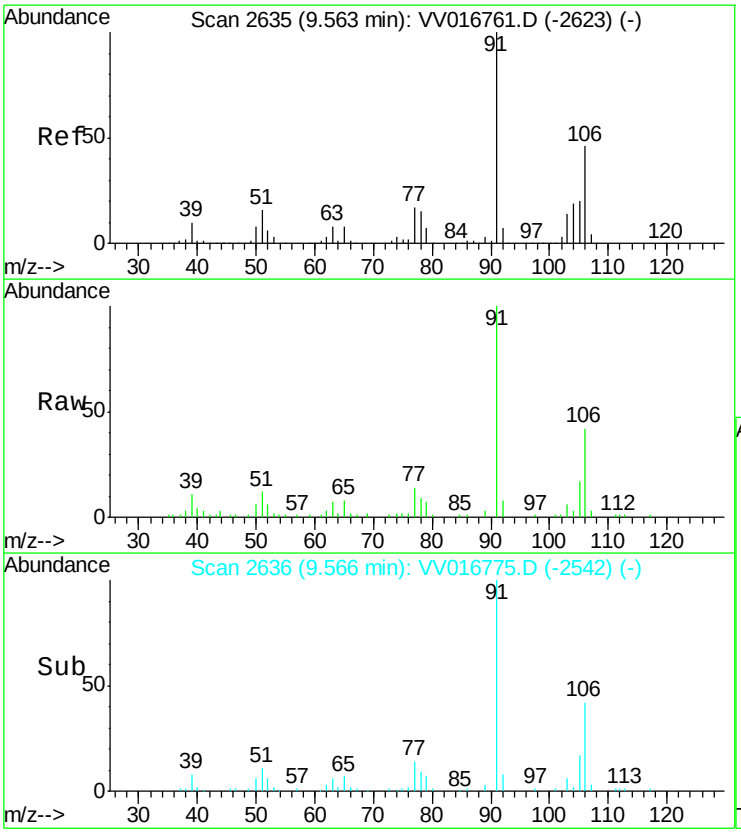
6/11/2020 4:23:26 PM



#54
o-xylene
Concen: 2.535 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016775.D
Acq: 10 Jun 2020 17:38

Tgt Ion:106 Resp: 10767

Ion	Ratio	Lower	Upper
106	100		
91	236.7	155.9	289.5