Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018822.D
Acq On : 09 Oct 2020 16:23
Operator : SY/MD
Sample : L4239-12RE
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P8RE

Manual Integrations APPROVED
MMDadoda
10/12/2020 3:38:12 PM

Quant Time: Oct 10 02:30:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 23:43:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	225155	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	223556	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114141	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	106096	51.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.72%			
7) Chloroethane-d5	1.58	69	92756	56.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.66%			
11) 1,1-Dichloroethene-d2	2.12	63	168603	42.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.50%			
21) 2-Butanone-d5	3.90	46	245768	195.65	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 195.65%#			
24) Chloroform-d	4.37	84	218594	60.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.12%			
26) 1,2-Dichloroethane-d4	5.05	65	156524	63.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.94%#			
32) Benzene-d6	5.07	84	426452	59.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.54%			
36) 1,2-Dichloropropane-d6	6.09	67	135350	57.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.40%			
41) Toluene-d8	7.34	98	373390	58.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.94%			
43) trans-1,3-Dichloropropene-	7.64	79	67040	58.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 116.92%			
47) 2-Hexanone-d5	8.11	63	124389	151.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 151.29%#			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	138477	51.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.62%			
64) 1,2-Dichlorobenzene-d4	11.65	152	158530	62.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 125.52%#			
Target Compounds						Qvalue
29) Cyclohexane	4.70	56	2431m	0.898	ug/L	
30) 1,1,1-Trichloroethane	4.64	97	2389	0.802	ug/L #	86
42) Toluene	7.41	91	39639	5.441	ug/L	100
52) Ethylbenzene	9.04	91	10561	1.277	ug/L	94
53) m,p-Xylene	9.16	106	9986	3.288	ug/L	93
54) o-xylene	9.57	106	5385	1.867	ug/L	95
56) Isopropylbenzene	9.96	105	8608	1.079	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	3779	1.667	ug/L	99

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

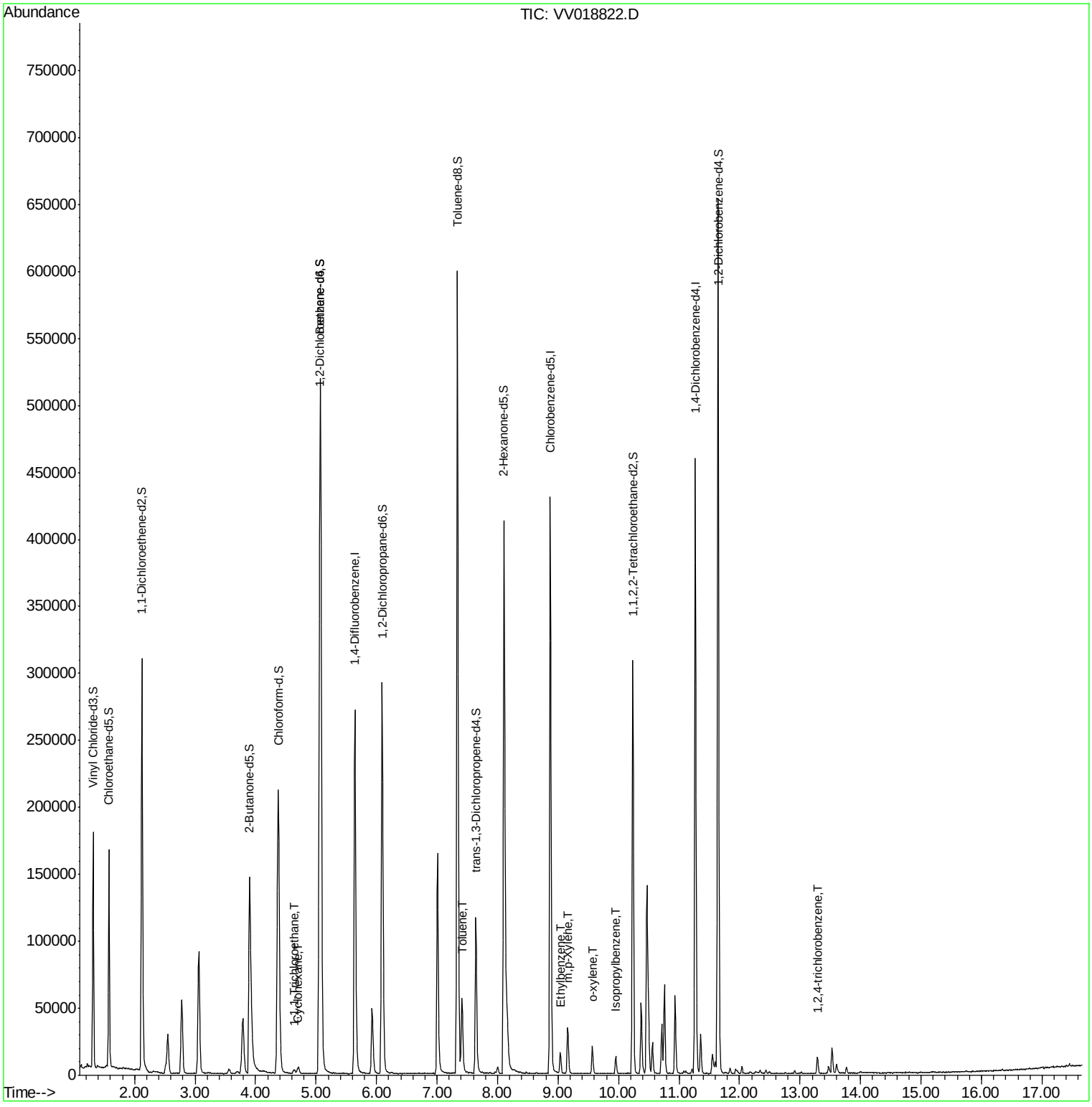
Quantitation Report (QT/LSC Reviewed)

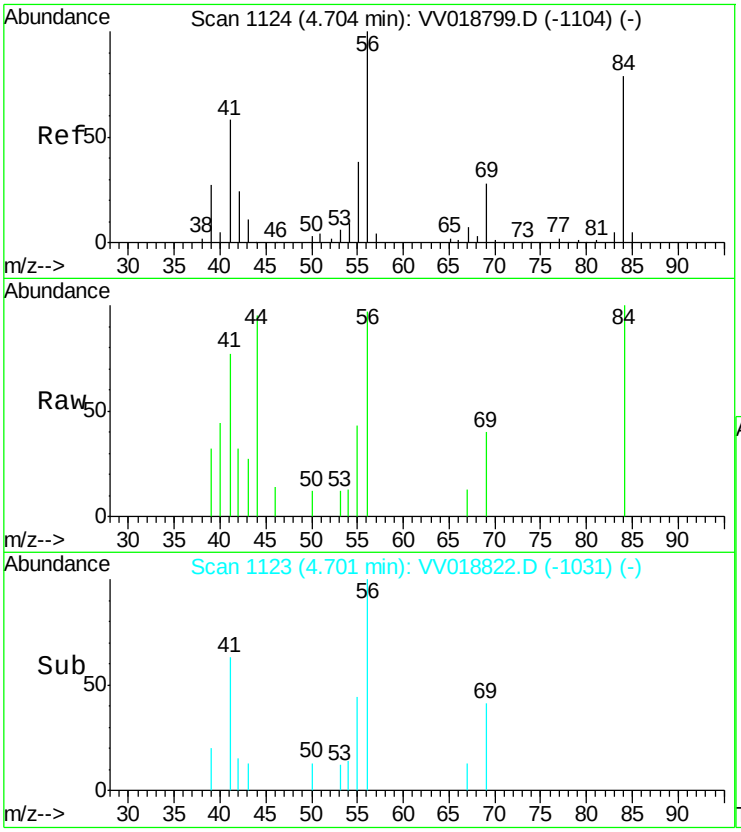
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018822.D
Acq On : 09 Oct 2020 16:23
Operator : SY/MD
Sample : L4239-12RE
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Oct 10 02:30:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 23:43:53 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG3P8RE

Manual Integrations APPROVED
MMDadoda
10/12/2020 3:38:12 PM

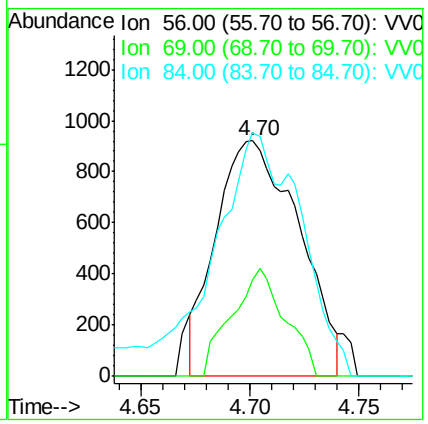




#29
Cyclohexane
Concen: 0.898 ug/L m
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV018822.D
Acq: 09 Oct 2020 16:23

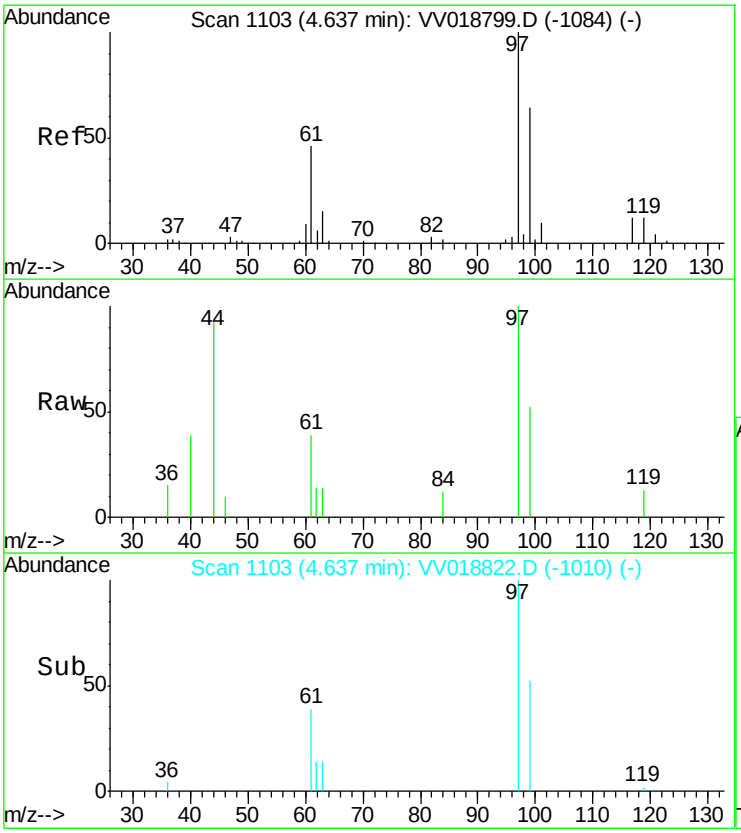
Tgt Ion: 56 Resp: 2431

Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.1	34.7
84	61.7	65.2	97.8#



Instrument :
MSVOA_V
ClientSampleId :
BG3P8RE

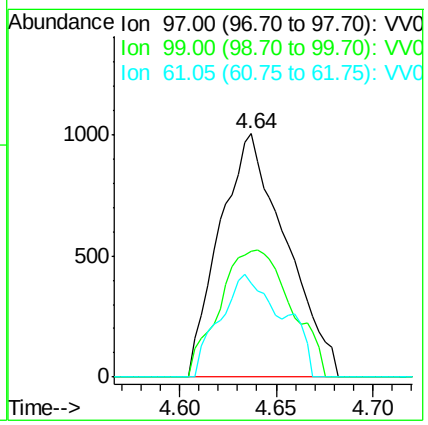
Manual Integrations APPROVED
MMDadoda
10/12/2020 3:38:12 PM

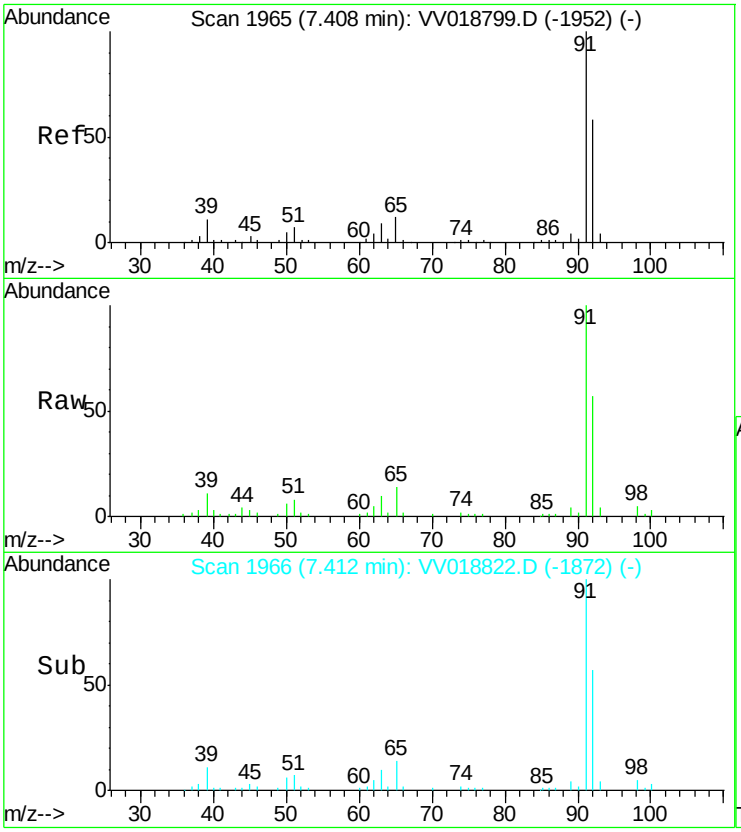


#30
1,1,1-Trichloroethane
Concen: 0.802 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV018822.D
Acq: 09 Oct 2020 16:23

Tgt Ion: 97 Resp: 2389

Ion	Ratio	Lower	Upper
97	100		
99	56.3	51.0	76.4
61	32.9	37.0	55.4#

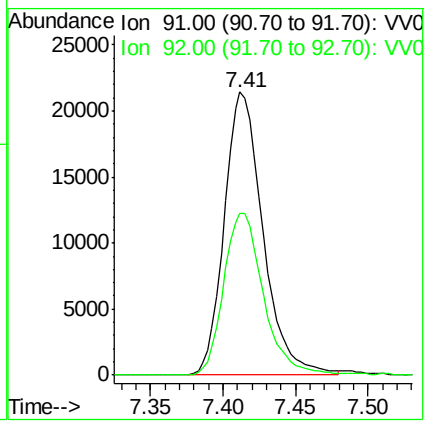




#42
Toluene
Concen: 5.441 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV018822.D
Acq: 09 Oct 2020 16:23

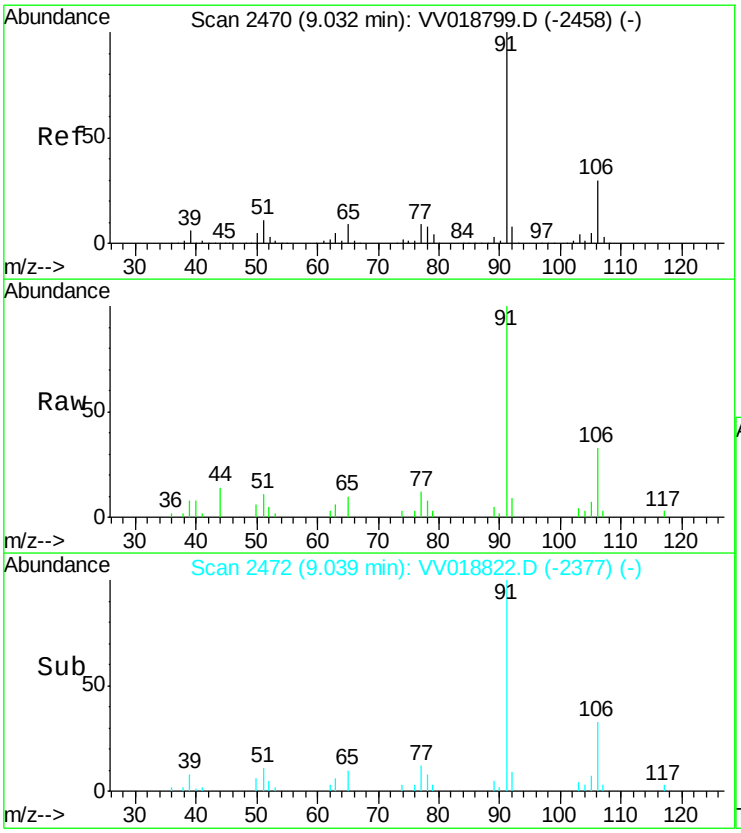
Tgt Ion: 91 Resp: 39639

Ion	Ratio	Lower	Upper
91	100		
92	57.1	39.8	74.0



Instrument :
MSVOA_V
ClientSampleId :
BG3P8RE

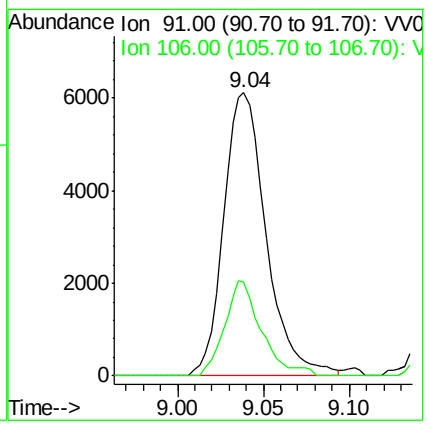
Manual Integrations APPROVED
MMDadoda
10/12/2020 3:38:12 PM

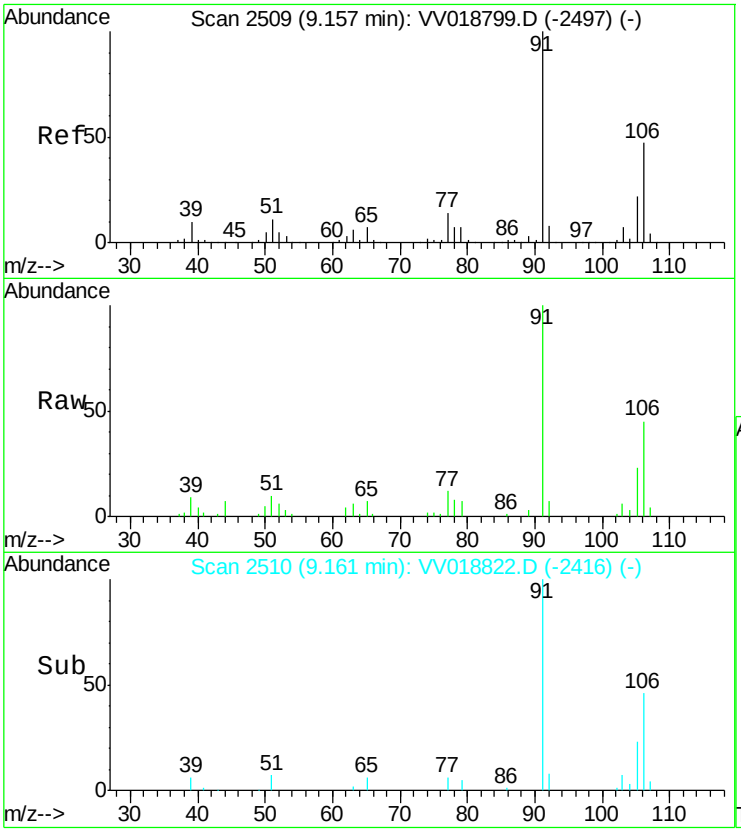


#52
Ethylbenzene
Concen: 1.277 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV018822.D
Acq: 09 Oct 2020 16:23

Tgt Ion: 91 Resp: 10561

Ion	Ratio	Lower	Upper
91	100		
106	33.3	20.9	38.9

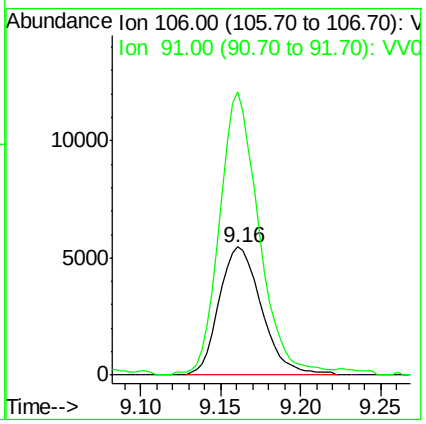




#53
m,p-Xylene
Concen: 3.288 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV018822.D
Acq: 09 Oct 2020 16:23

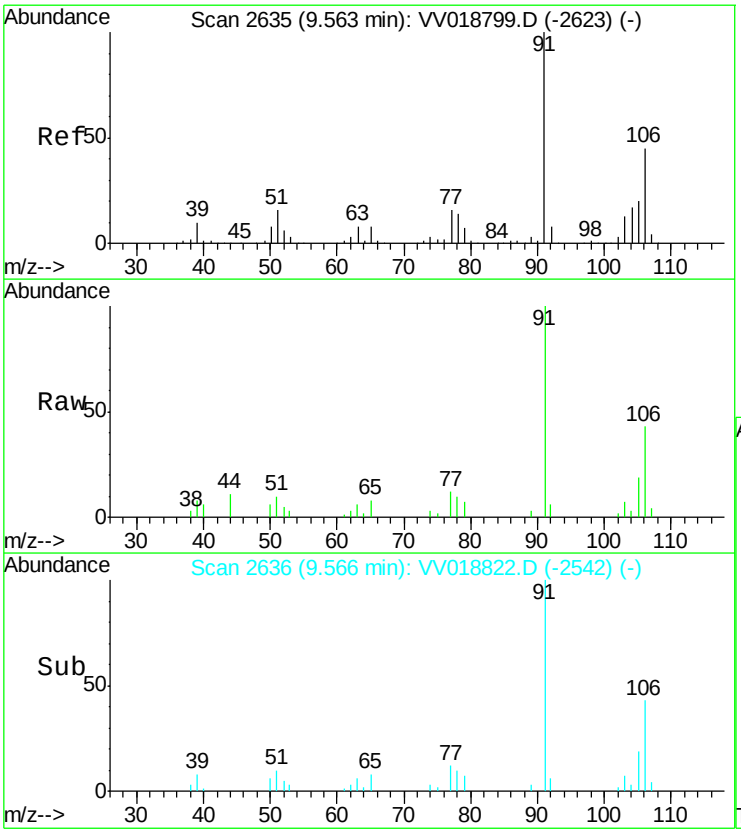
Tgt Ion:106 Resp: 9986

Ion	Ratio	Lower	Upper
106	100		
91	220.9	147.1	273.1



Instrument :
MSVOA_V
ClientSampleId :
BG3P8RE

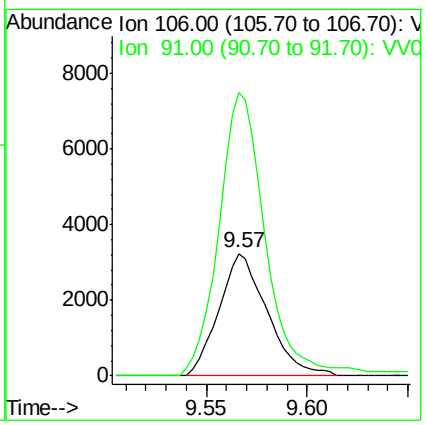
Manual Integrations APPROVED
MMDadoda
10/12/2020 3:38:12 PM

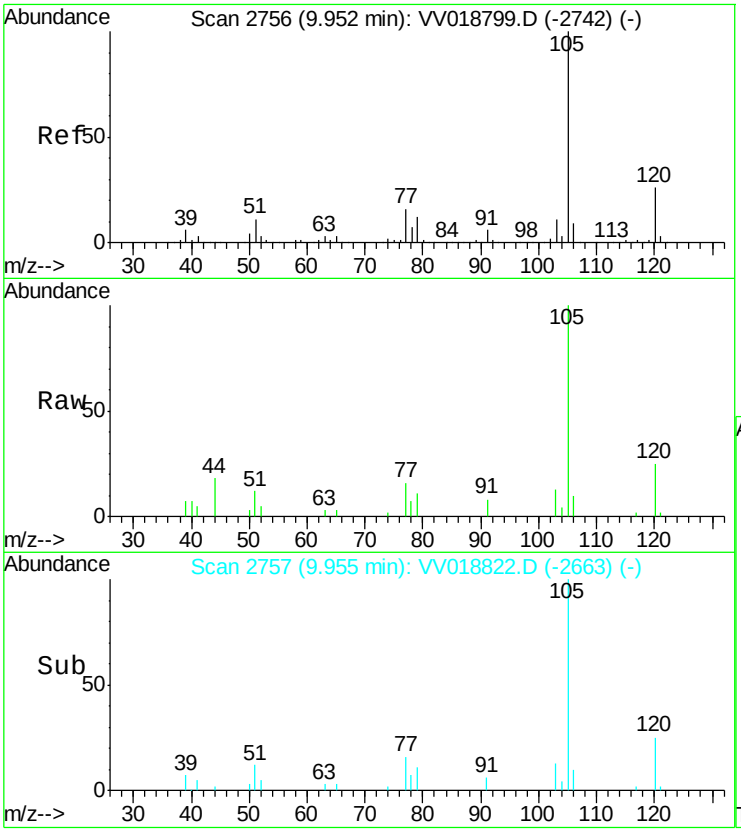


#54
o-xylene
Concen: 1.867 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018822.D
Acq: 09 Oct 2020 16:23

Tgt Ion:106 Resp: 5385

Ion	Ratio	Lower	Upper
106	100		
91	231.7	156.8	291.2

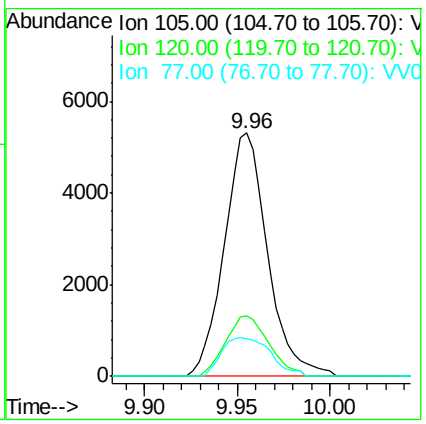




#56
Isopropylbenzene
Concen: 1.079 ug/L
RT: 9.96 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV018822.D
Acq: 09 Oct 2020 16:23

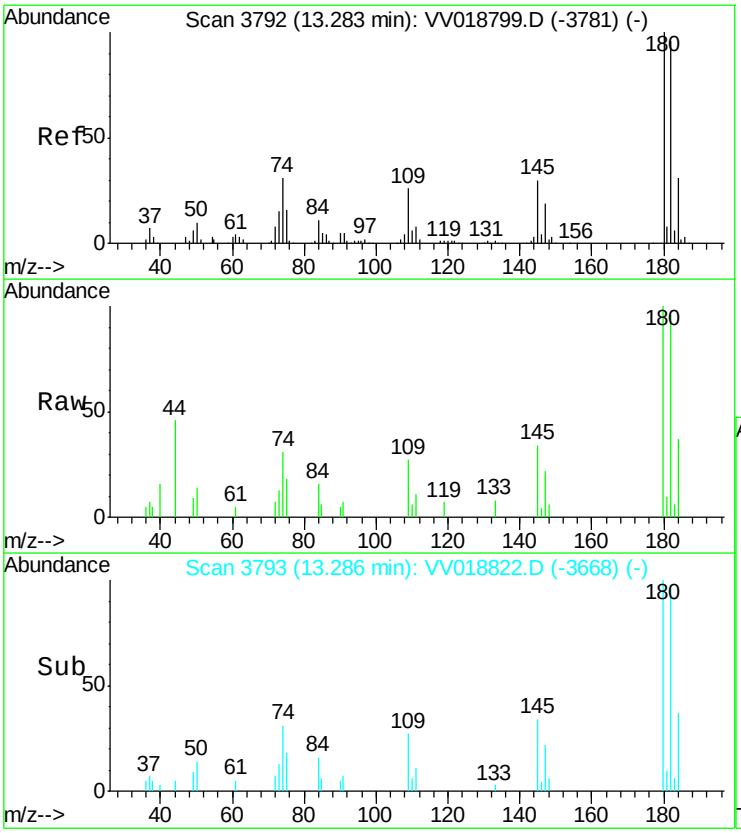
Tgt Ion:105 Resp: 8608

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.4	30.6
77	18.0	13.0	19.6



Instrument :
MSVOA_V
ClientSampleId :
BG3P8RE

Manual Integrations APPROVED
MMDadoda
10/12/2020 3:38:12 PM



#68
1,2,4-trichlorobenzene
Concen: 1.667 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV018822.D
Acq: 09 Oct 2020 16:23

Tgt Ion:180 Resp: 3779

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.7	115.1
145	31.6	24.0	36.0