Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082019\
Data File : VV012309.D
Acq On : 20 Aug 2019 13:44
Operator : SY/MD
Sample : K4373-11DL 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AB2DL

Quant Time: Aug 21 02:10:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158664	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148007	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	87834	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	22139	2.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 54.60%			
7) Chloroethane-d5	1.56	69	16245	2.74	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 54.80%#			
11) 1,1-Dichloroethene-d2	2.12	63	34886	2.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 45.40%#			
20) 2-Butanone-d5	3.94	46	27705	12.67	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 25.34%#			
24) Chloroform-d	4.39	84	67848	3.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 61.80%#			
26) 1,2-Dichloroethane-d4	5.08	65	36679	3.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.00%#			
32) Benzene-d6	5.09	84	138075	3.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 70.60%			
36) 1,2-Dichloropropane-d6	6.11	67	37043	3.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 67.00%			
41) Toluene-d8	7.35	98	136353	3.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.80%			
43) trans-1,3-Dichloropropene-	7.66	79	16379	3.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.00%			
46) 2-Hexanone-d5	8.13	63	59494	39.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.30%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27405	3.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 65.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	61425	3.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 69.60%#			
Target Compounds						Qvalue
33) Benzene	5.14	78	285615	6.976	ug/L	100
42) Toluene	7.43	91	355154	7.838	ug/L	100
52) Ethylbenzene	9.05	91	575336	11.348	ug/L	99
53) m,p-xylene	9.18	106	209424	10.581	ug/L	95
54) o-xylene	9.59	106	100932	5.302	ug/L	99
56) Isopropylbenzene	9.97	105	152082	2.894	ug/L	100

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

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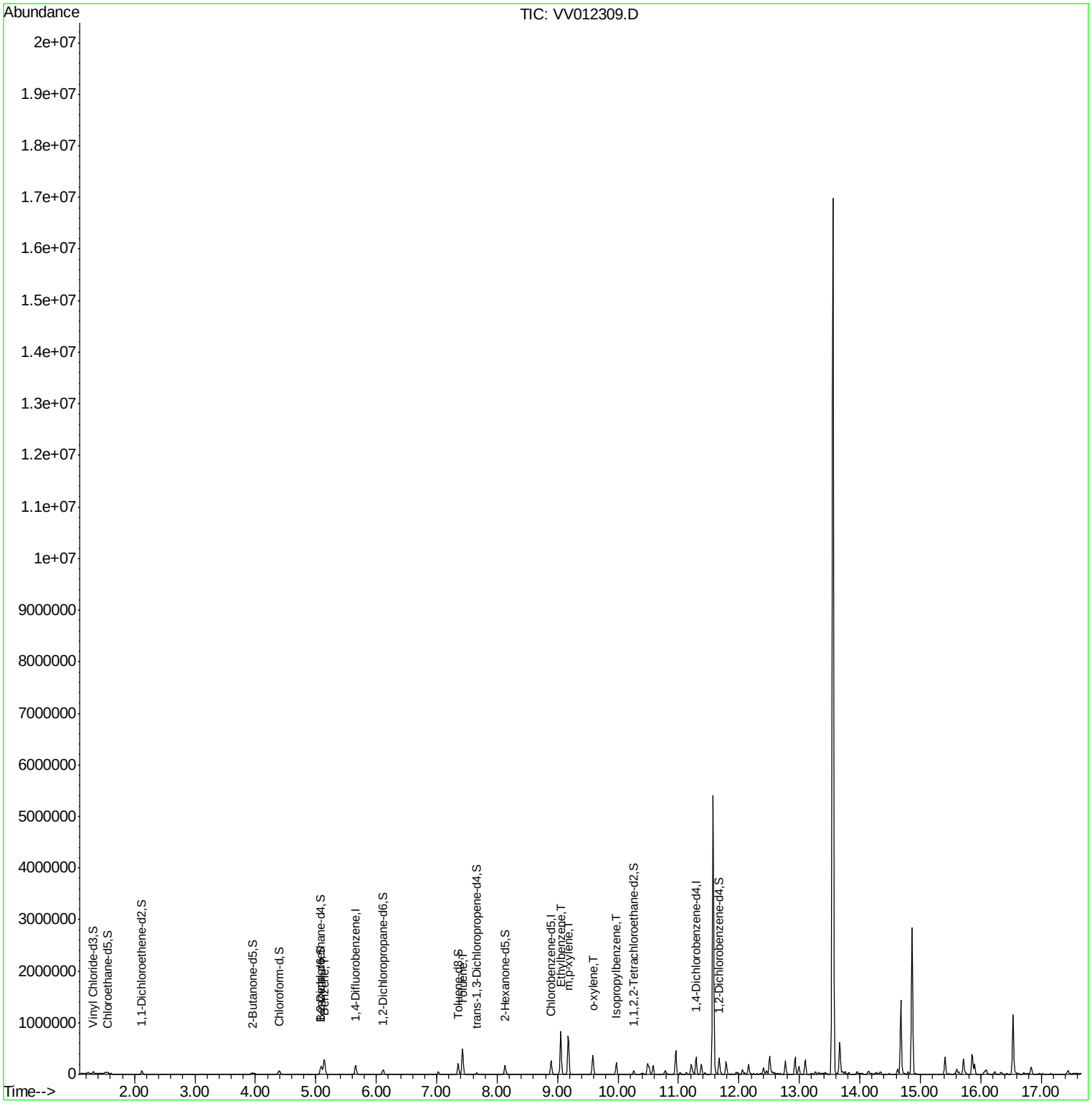
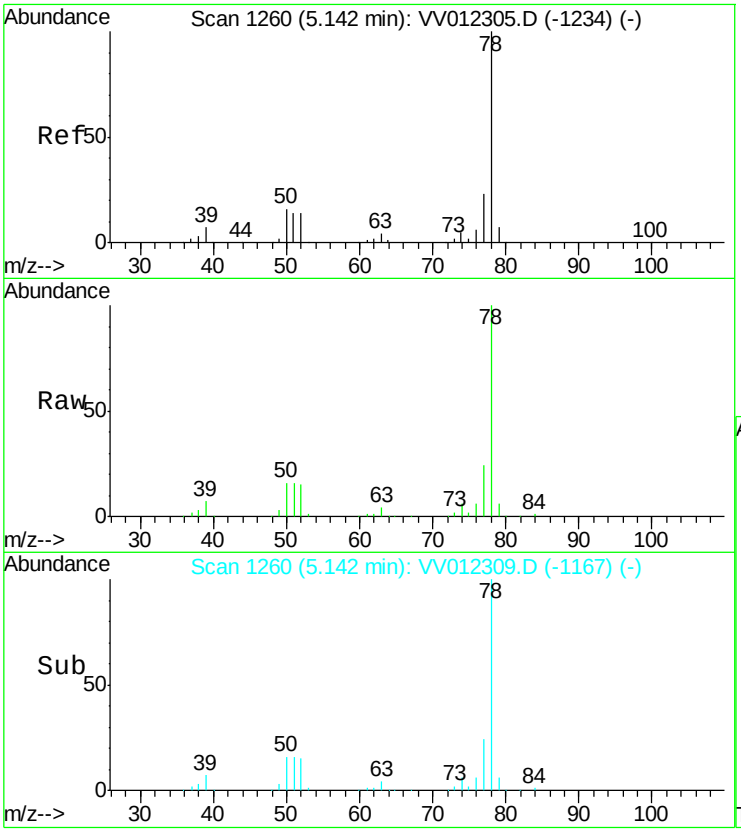
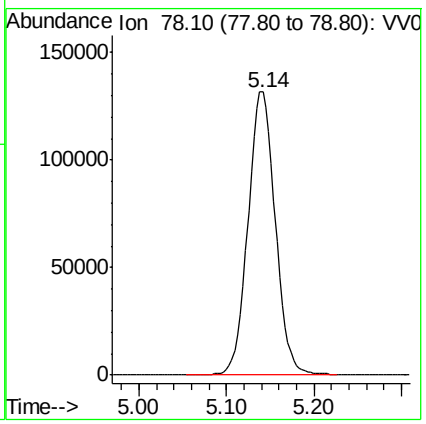


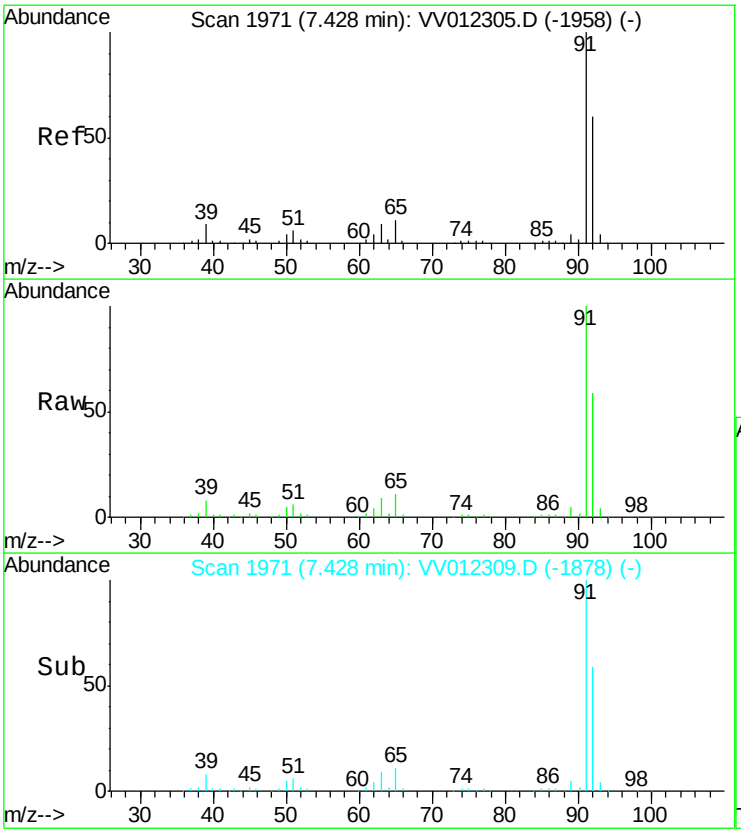


#33
Benzene
Concen: 6.976 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV012309.D
Acq: 20 Aug 2019 13:44

Instrument :
MSVOA_V
ClientSampleId :
C0AB2DL

Tgt Ion: 78 Resp: 285615

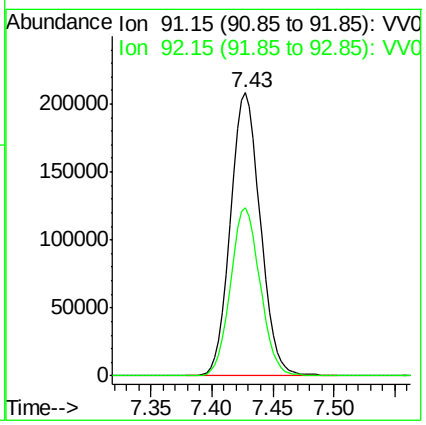


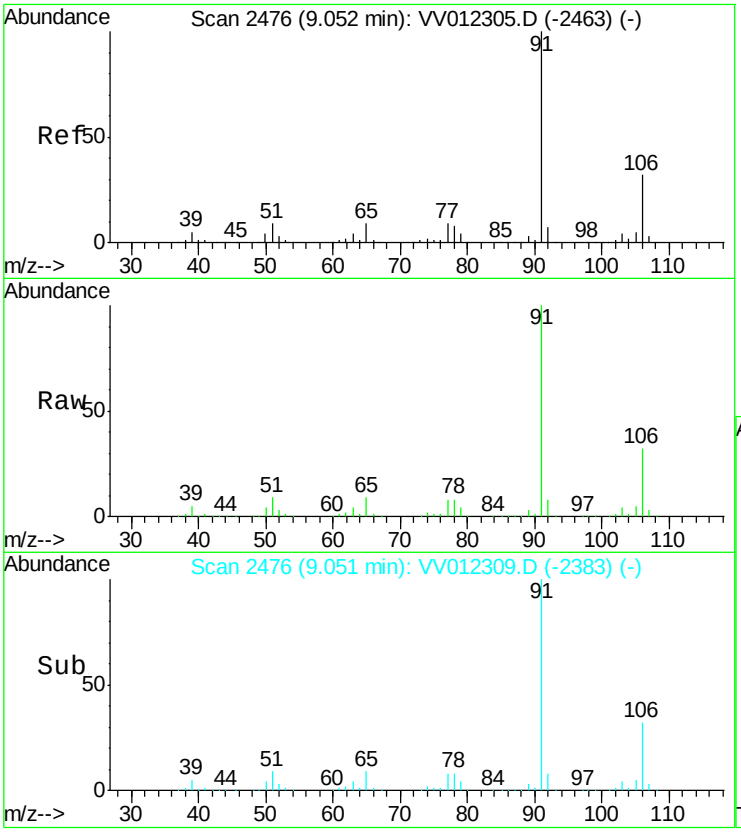


#42
Toluene
Concen: 7.838 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV012309.D
Acq: 20 Aug 2019 13:44

Tgt Ion: 91 Resp: 355154

Ion	Ratio	Lower	Upper
91	100		
92	59.3	41.6	77.3



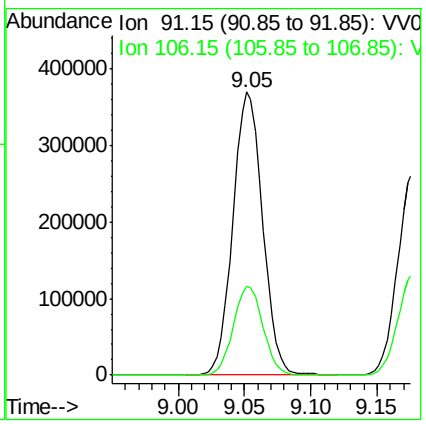


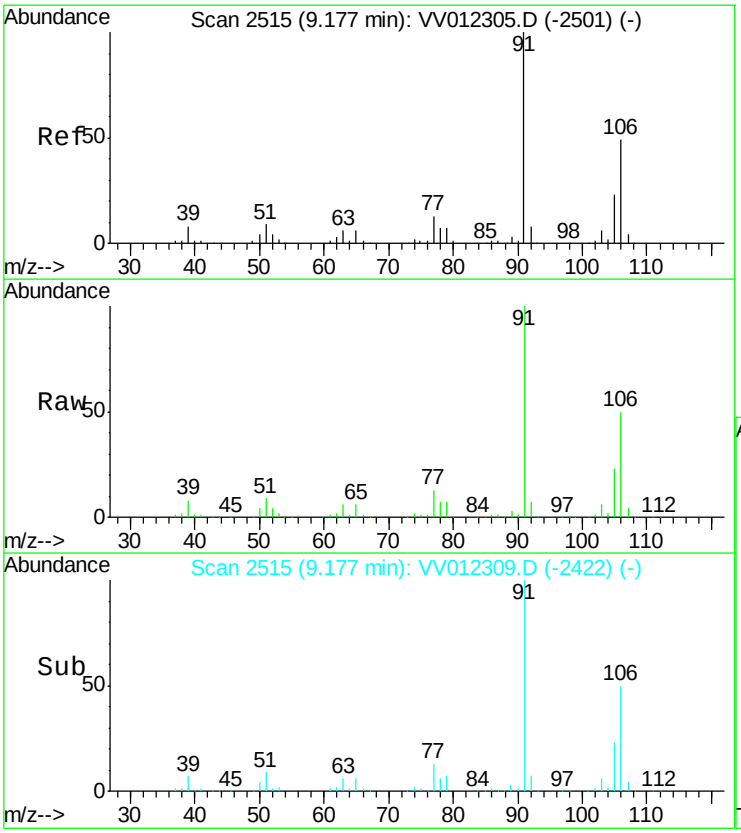
#52
Ethylbenzene
Concen: 11.348 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. -0.00 min
Lab File: VV012309.D
Acq: 20 Aug 2019 13:44

Instrument : MSVOA_V
ClientSampleId : C0AB2DL

Tgt Ion: 91 Resp: 575336

Ion	Ratio	Lower	Upper
91	100		
106	31.6	21.6	40.0

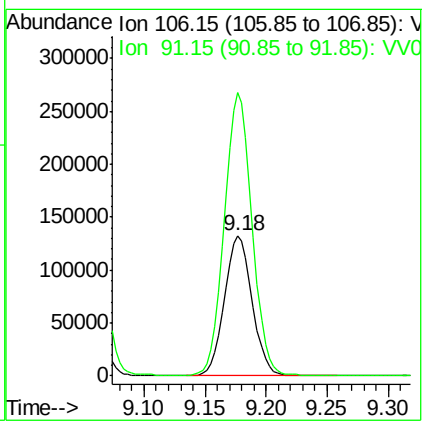


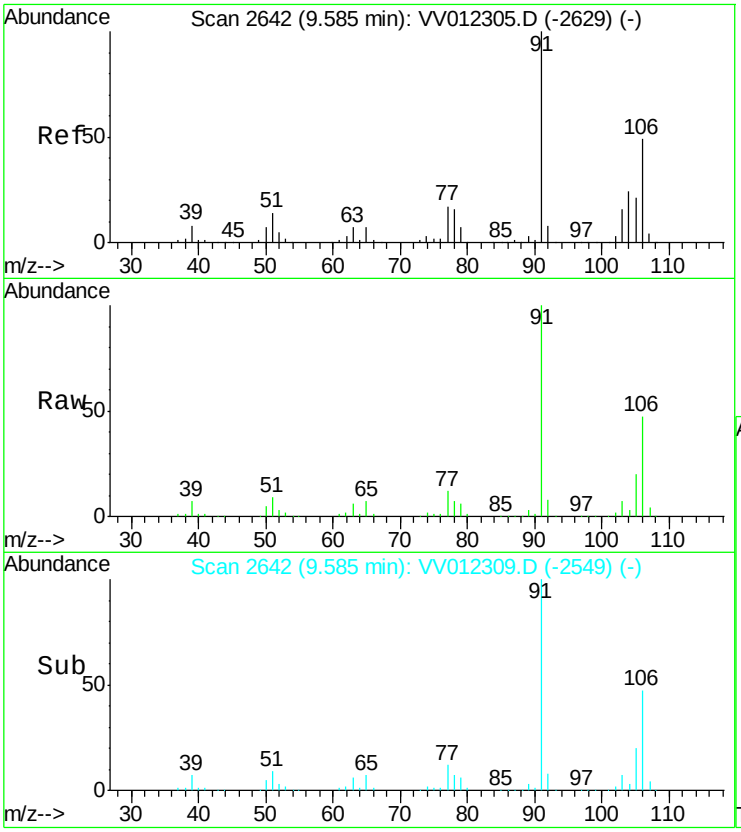


#53
m,p-xylene
Concen: 10.581 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV012309.D
Acq: 20 Aug 2019 13:44

Tgt Ion:106 Resp: 209424

Ion	Ratio	Lower	Upper
106	100		
91	201.3	136.0	252.6



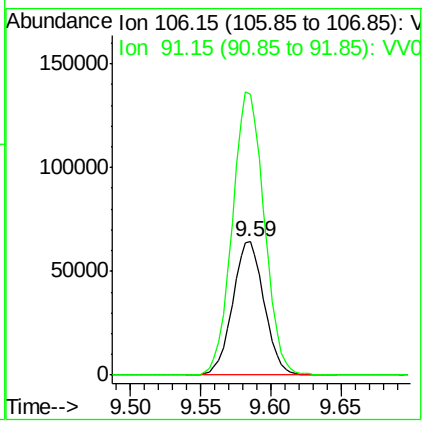


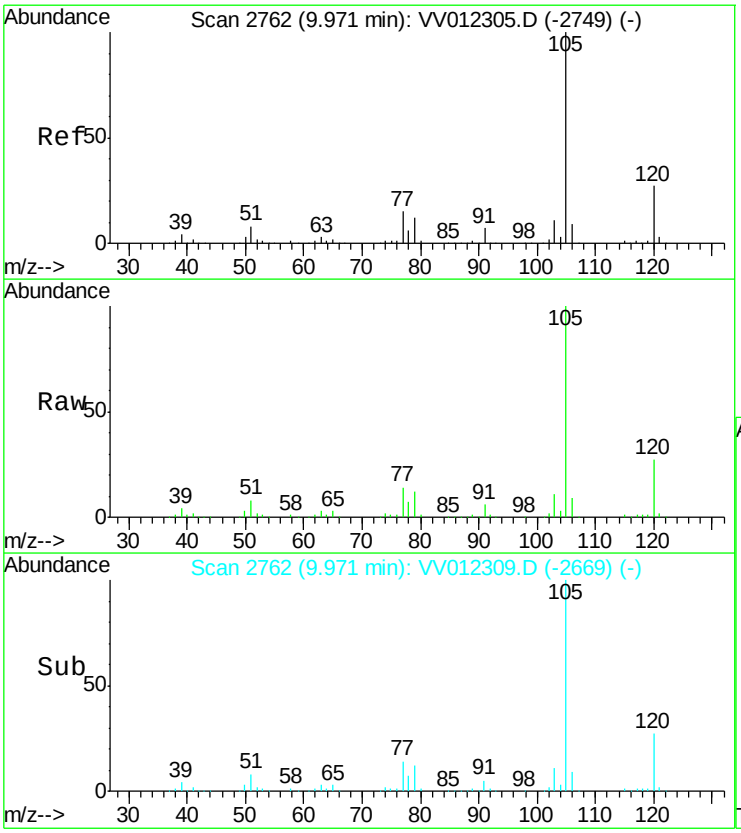
#54
o-xylene
Concen: 5.302 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV012309.D
Acq: 20 Aug 2019 13:44

Instrument :
MSVOA_V
ClientSampleId :
C0AB2DL

Tgt Ion:106 Resp: 100932

Ion	Ratio	Lower	Upper
106	100		
91	210.6	148.7	276.1





#56
Isopropylbenzene
Concen: 2.894 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. -0.00 min
Lab File: VV012309.D
Acq: 20 Aug 2019 13:44

Tgt Ion:105 Resp: 152082

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.4	32.0
77	15.3	12.2	18.2