Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112019\
Data File : VV013692.D
Acq On : 20 Nov 2019 16:45
Operator : SY/MD
Sample : K5911-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK8

Manual Integrations APPROVED
MMDadoda
11/22/2019 12:54:03 AM

Quant Time: Nov 21 02:06:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 21 00:51:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	359749	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	340483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148517	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	94903	4.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.40%			
7) Chloroethane-d5	1.58	69	96405	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.13	63	128833	3.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.60%			
20) 2-Butanone-d5	3.95	46	347408	67.60	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 135.20%#			
24) Chloroform-d	4.40	84	238149	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.08	65	125569	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
32) Benzene-d6	5.10	84	449821	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.11	67	145799	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%			
41) Toluene-d8	7.36	98	373102	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
43) trans-1,3-Dichloropropene-	7.66	79	46396	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	8.14	63	231789	56.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.50%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	114964	5.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	150407	5.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.20%			
Target Compounds						Qvalue
13) Acetone	2.21	43	9790m	3.019	ug/L	
14) Carbon disulfide	2.32	76	15316	0.207	ug/L	99
33) Benzene	5.15	78	6844	0.066	ug/L	100
42) Toluene	7.43	91	20218	0.184	ug/L	94
52) Ethylbenzene	9.05	91	11416	0.097	ug/L	97
53) m,p-xylene	9.18	106	5294	0.120	ug/L	87

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

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Instrument :
MSVOA_V
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GAQK8

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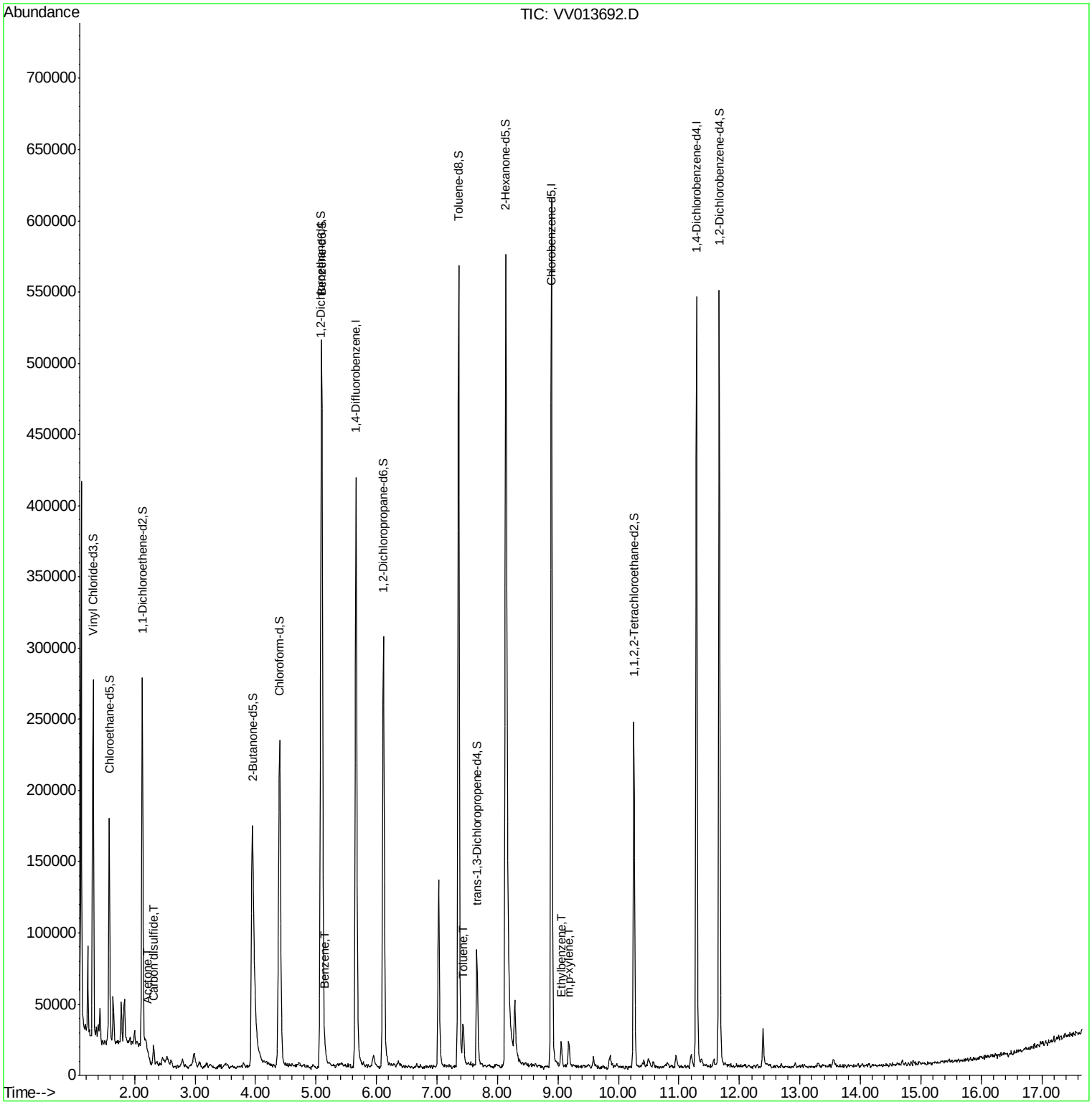
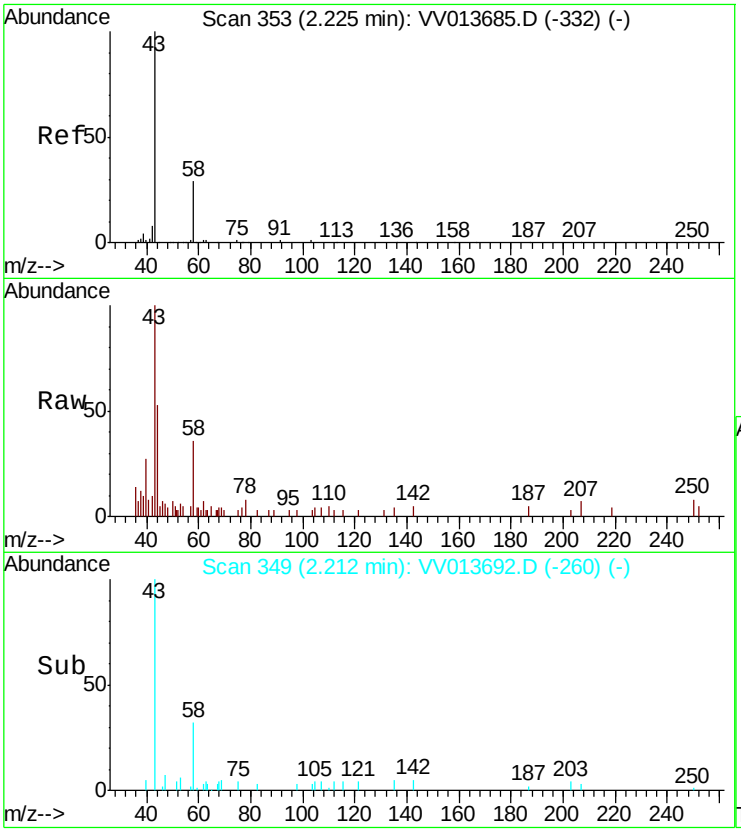
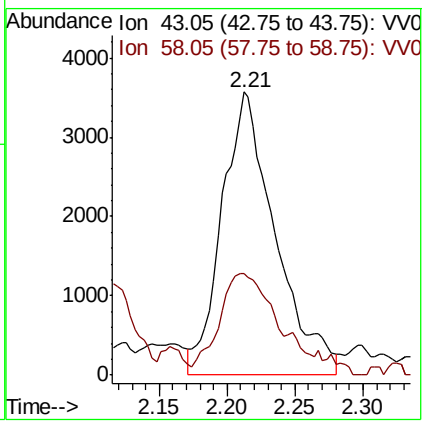




#13
Acetone
Concen: 3.019 ug/L m
RT: 2.21 min Scan# 349
Delta R.T. -0.01 min
Lab File: VV013692.D
Acq: 20 Nov 2019 16:45

Tgt Ion: 43 Resp: 9790

Ion	Ratio	Lower	Upper
43	100		
58	1.9	0.0	17.0



Instrument :
MSVOA_V
ClientSampleId :
GAQK8

Manual Integrations APPROVED
MMDadoda
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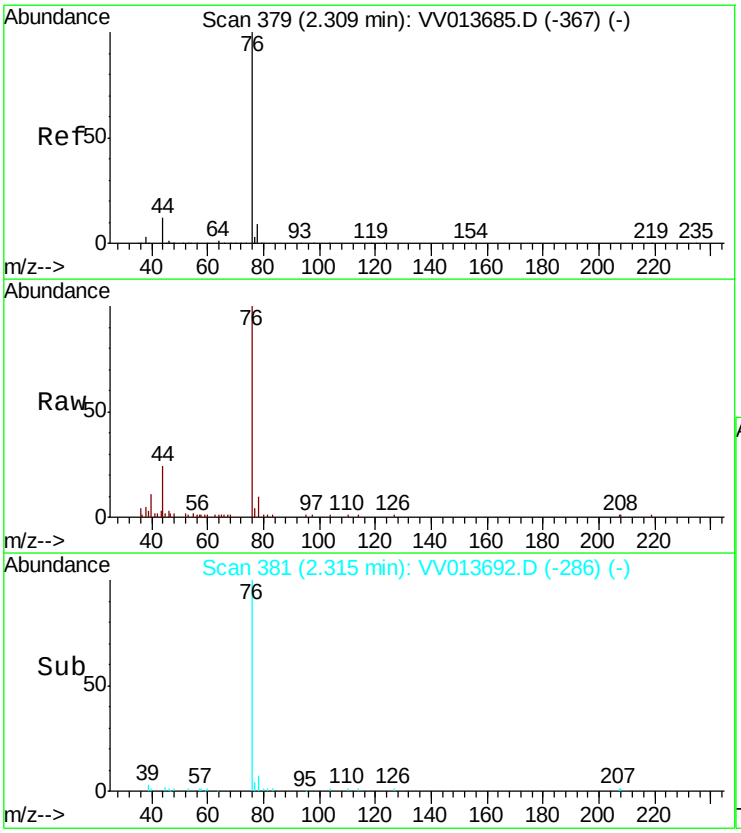
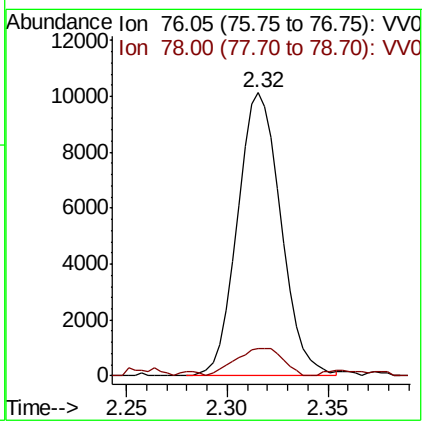
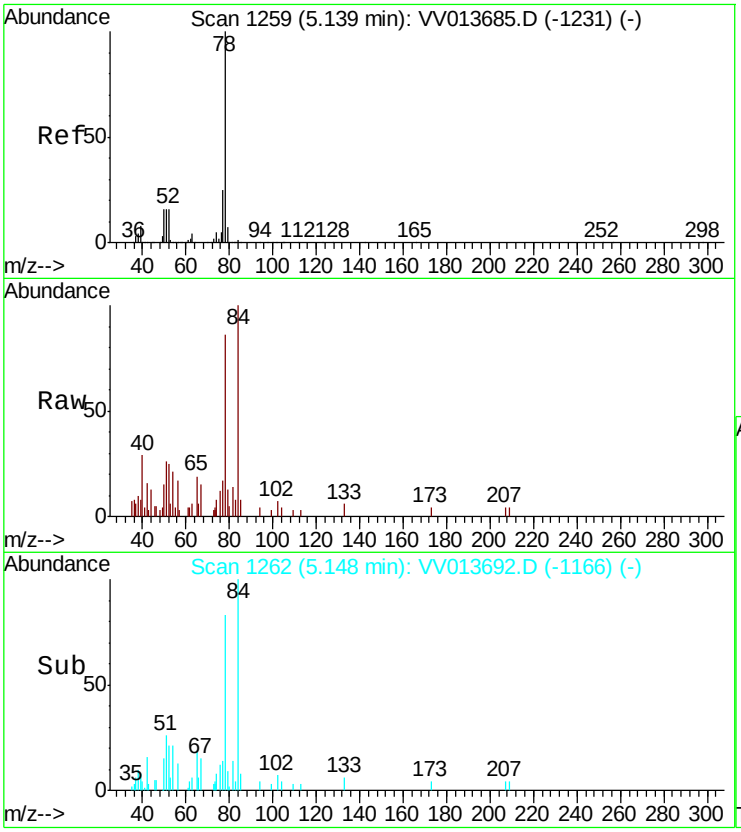


#14
Carbon disulfide
Concen: 0.207 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV013692.D
Acq: 20 Nov 2019 16:45

Tgt Ion: 76 Resp: 15316

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2





#33
Benzene
Concen: 0.066 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013692.D
Acq: 20 Nov 2019 16:45

Tgt Ion: 78 Resp: 6844

Instrument :
MSVOA_V
ClientSampleId :
GAQK8

Manual Integrations APPROVED
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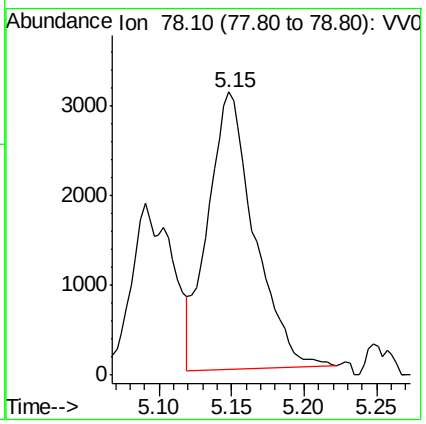
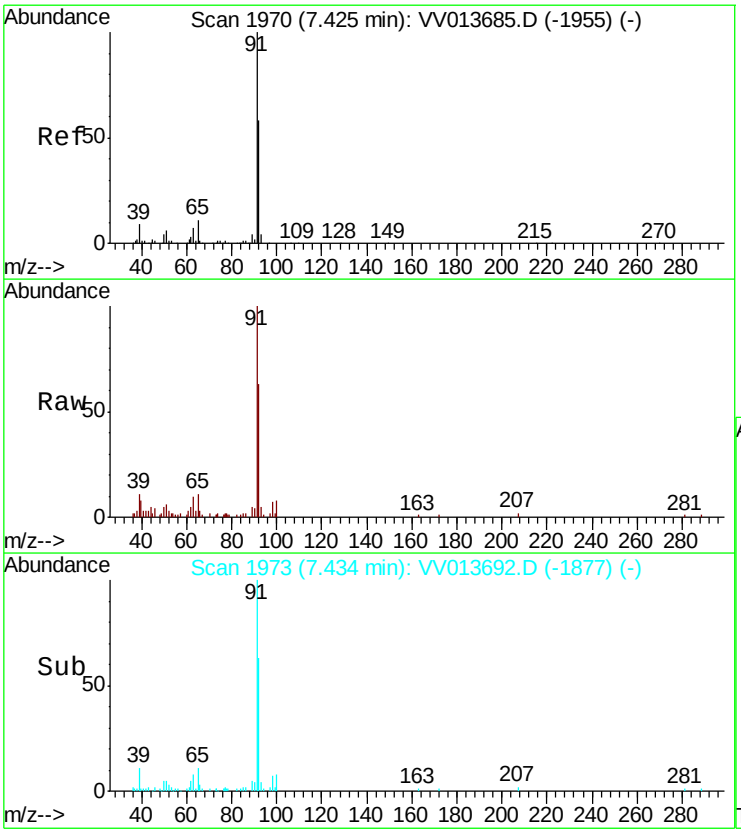
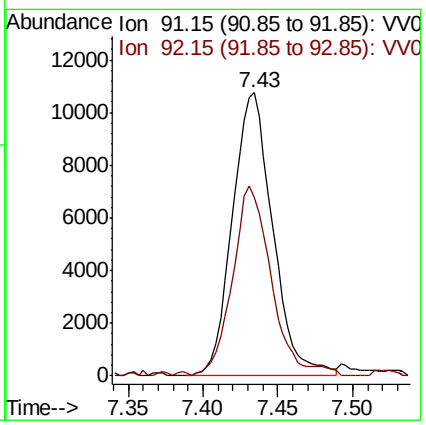


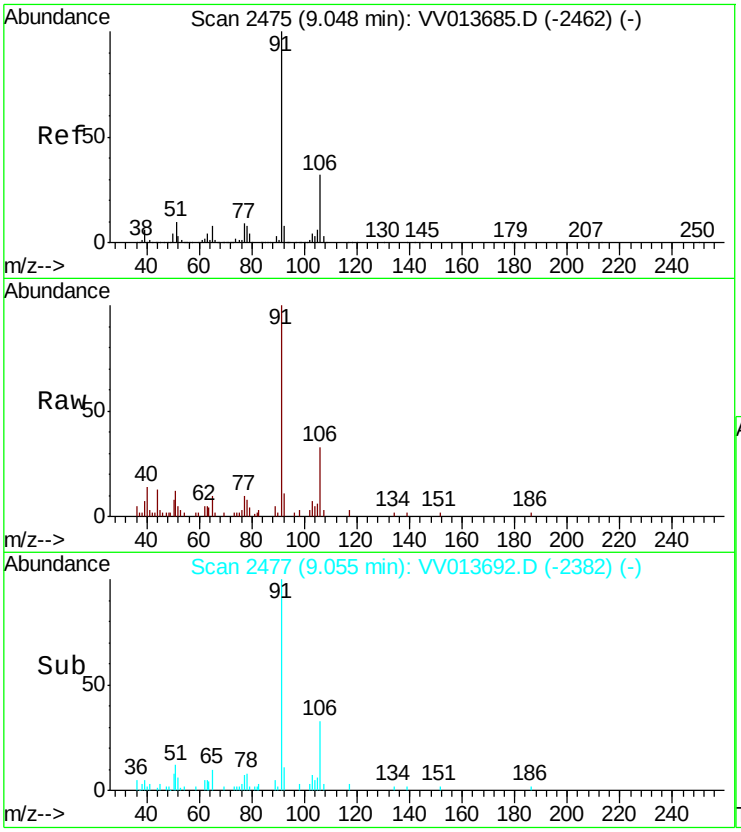


#42
Toluene
Concen: 0.184 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV013692.D
Acq: 20 Nov 2019 16:45

Tgt Ion: 91 Resp: 20218

Ion	Ratio	Lower	Upper
91	100		
92	63.2	41.2	76.6

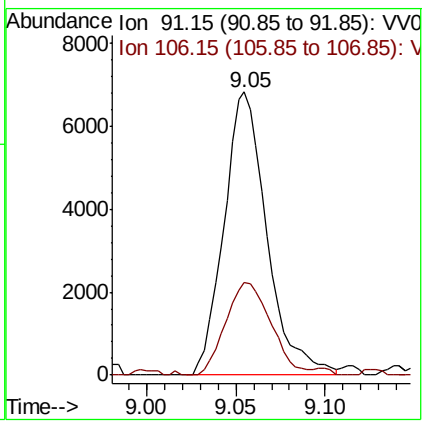




#52
Ethylbenzene
Concen: 0.097 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.01 min
Lab File: VV013692.D
Acq: 20 Nov 2019 16:45

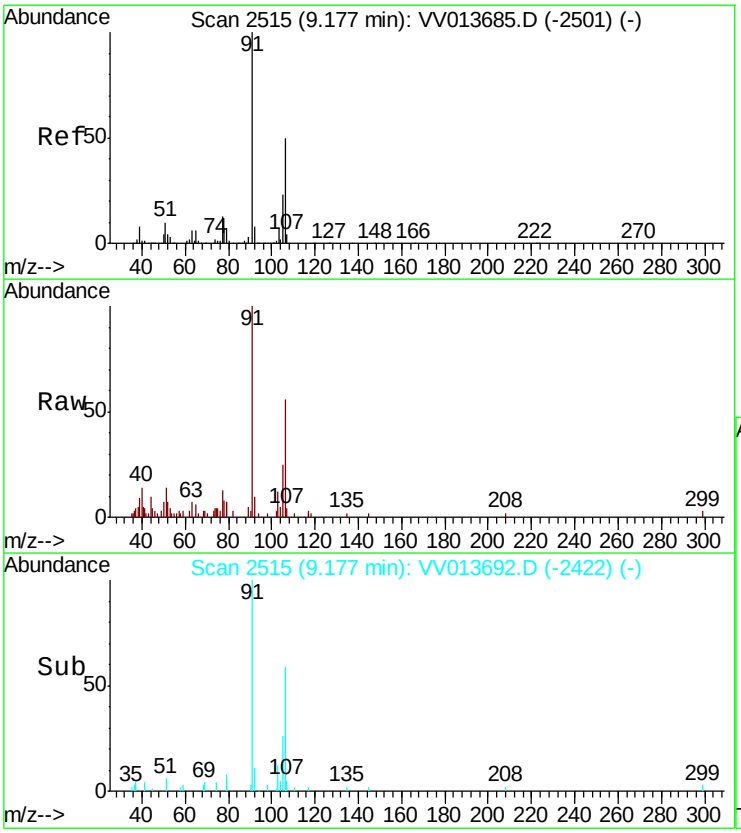
Tgt Ion: 91 Resp: 11416

Ion	Ratio	Lower	Upper
91	100		
106	32.7	21.7	40.3



Instrument :
MSVOA_V
ClientSampleId :
GAQK8

Manual Integrations APPROVED
MMDadoda
11/22/2019 12:54:03 AM



#53
m,p-xylene
Concen: 0.120 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013692.D
Acq: 20 Nov 2019 16:45

Tgt Ion:106 Resp: 5294

Ion	Ratio	Lower	Upper
106	100		
91	178.4	138.1	256.5