Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Manual Integrations APPROVED
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10/15/2019 10:48:01 AM

Quant Time: Oct 15 07:33:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 15 05:07:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	744459	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	704193	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	336439	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	176722	37.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.12%			
7) Chloroethane-d5	1.58	69	161974	41.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.98%			
11) 1,1-Dichloroethene-d2	2.13	63	251581	28.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.68%#			
21) 2-Butanone-d5	3.96	46	351185	99.25	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.25%			
24) Chloroform-d	4.40	84	365218	40.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.64%			
26) 1,2-Dichloroethane-d4	5.08	65	265718	47.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.16%			
32) Benzene-d6	5.10	84	785523	41.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.62%			
36) 1,2-Dichloropropane-d6	6.12	67	275883	46.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.74%			
41) Toluene-d8	7.36	98	689527	41.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.02%			
43) trans-1,3-Dichloropropene-	7.66	79	108360	40.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.28%			
47) 2-Hexanone-d5	8.14	63	201717	86.13	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.13%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	249451	32.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 65.68%			
64) 1,2-Dichlorobenzene-d4	11.67	152	319651	48.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.98%			
Target Compounds						Qvalue
13) Acetone	2.24	43	46257m	14.238	ug/L	
16) Methylene chloride	2.53	84	75087	13.670	ug/L	95
25) Chloroform	4.43	83	50716	5.328	ug/L	96
34) Trichloroethene	5.96	95	11222	1.965	ug/L	94
52) Ethylbenzene	9.05	91	135828	5.759	ug/L	100
54) o-xylene	9.59	106	118498	13.329	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	21885	1.976	ug/L	93

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

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Instrument :
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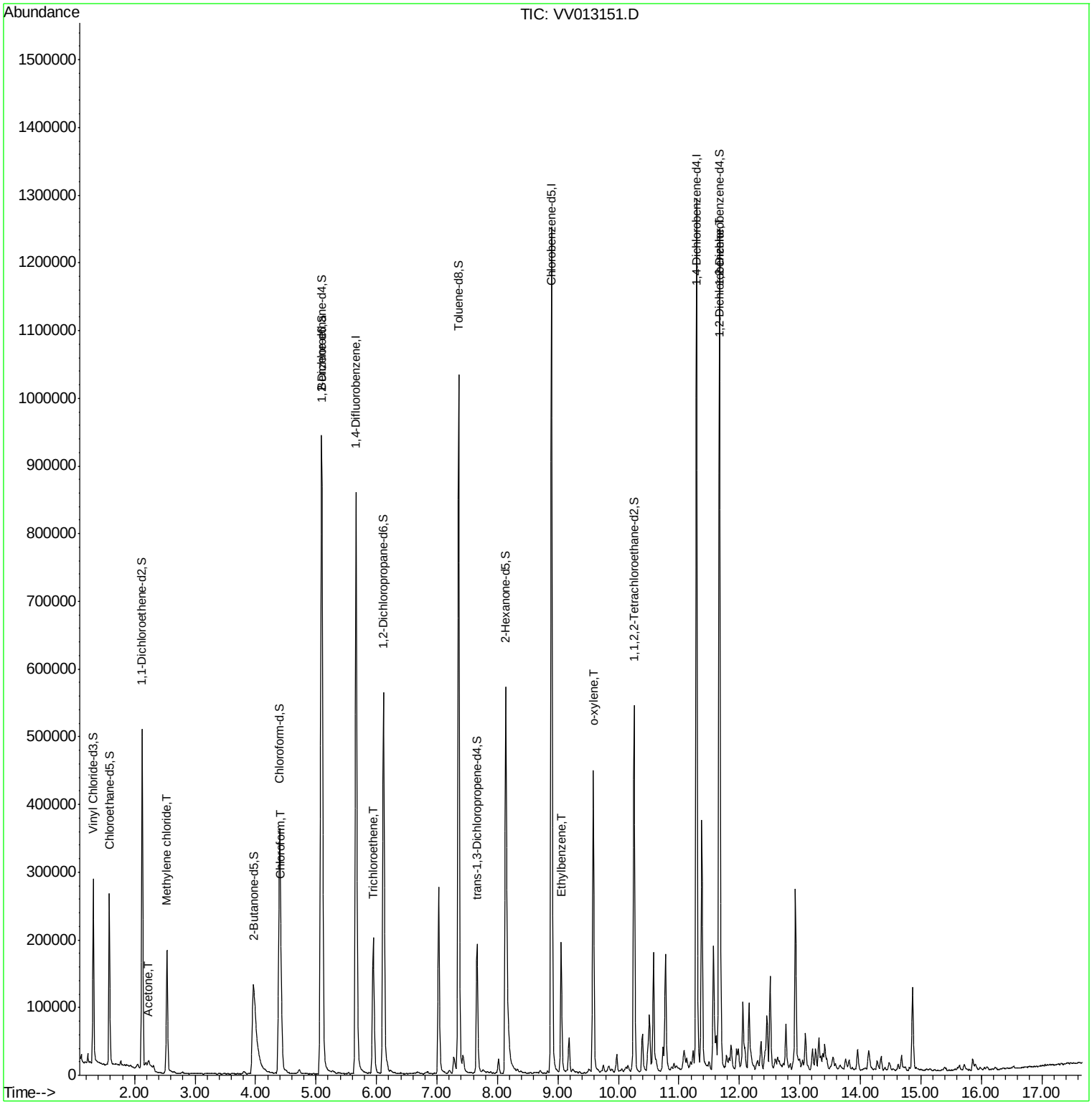
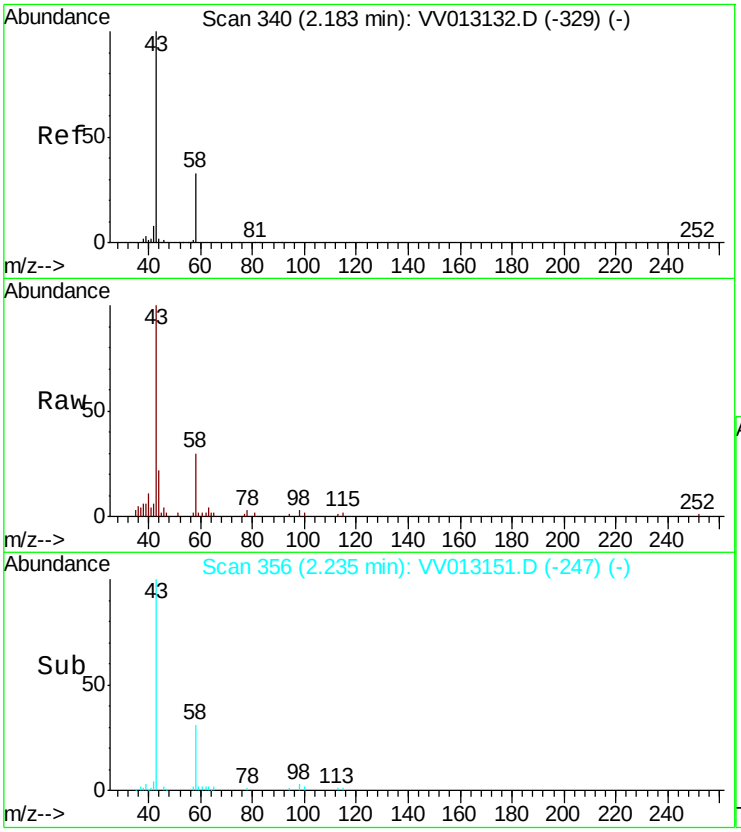
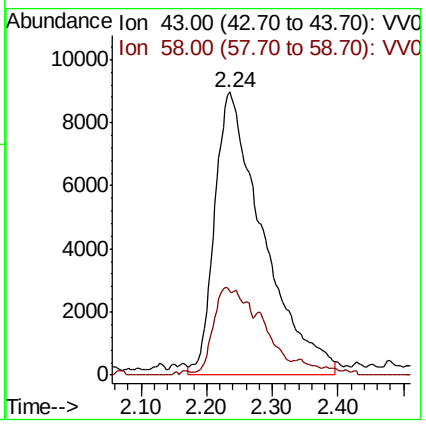




#13
Acetone
Concen: 14.238 ug/L m
RT: 2.24 min Scan# 356
Delta R.T. 0.05 min
Lab File: VV013151.D
Acq: 14 Oct 2019 19:17

Tgt Ion: 43 Resp: 46257

Ion	Ratio	Lower	Upper
43	100		
58	0.1	0.0	66.2



Instrument :
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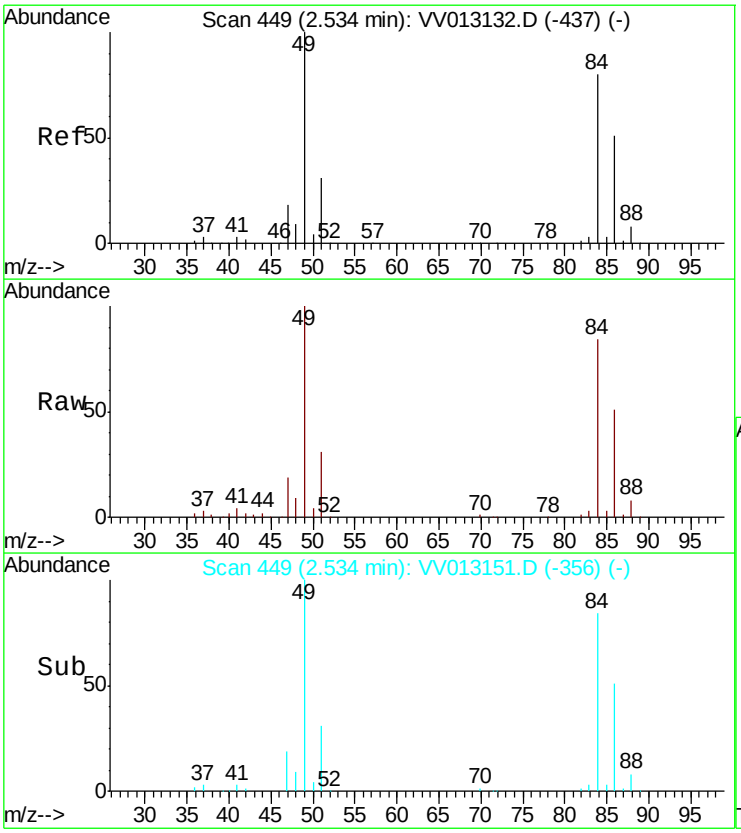
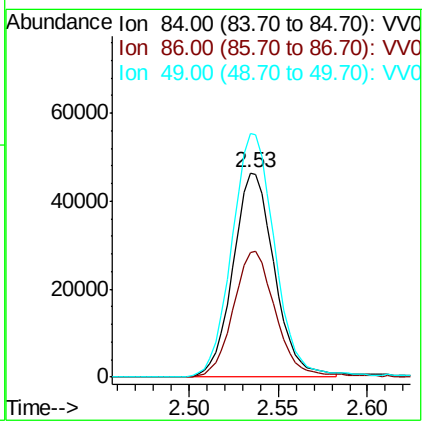
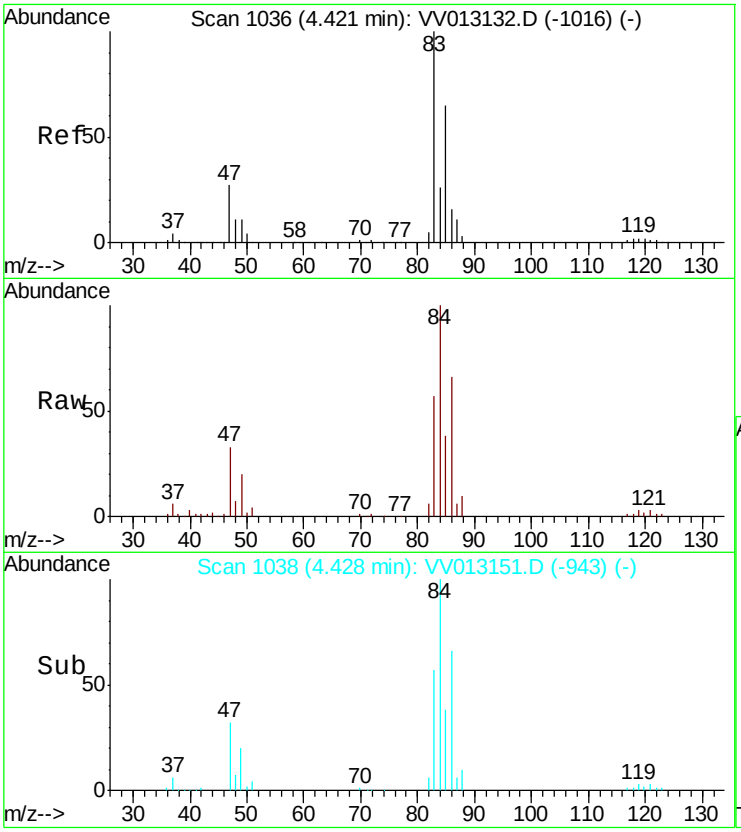


#16
Methylene chloride
Concen: 13.670 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013151.D
Acq: 14 Oct 2019 19:17

Tgt Ion: 84 Resp: 75087

Ion	Ratio	Lower	Upper
84	100		
86	61.1	45.1	83.9
49	119.2	87.8	163.0

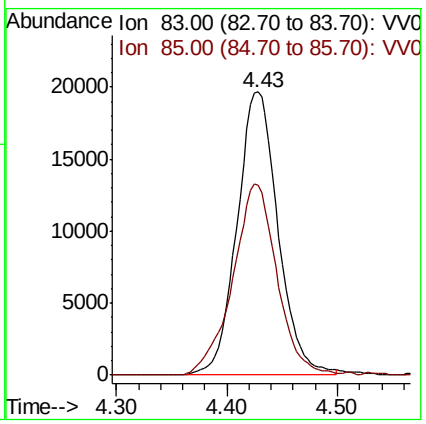




#25
Chloroform
Concen: 5.328 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013151.D
Acq: 14 Oct 2019 19:17

Tgt Ion: 83 Resp: 50716

Ion	Ratio	Lower	Upper
83	100		
85	67.1	44.7	82.9



Instrument :
MSVOA_V
ClientSampleId :
BF6L1

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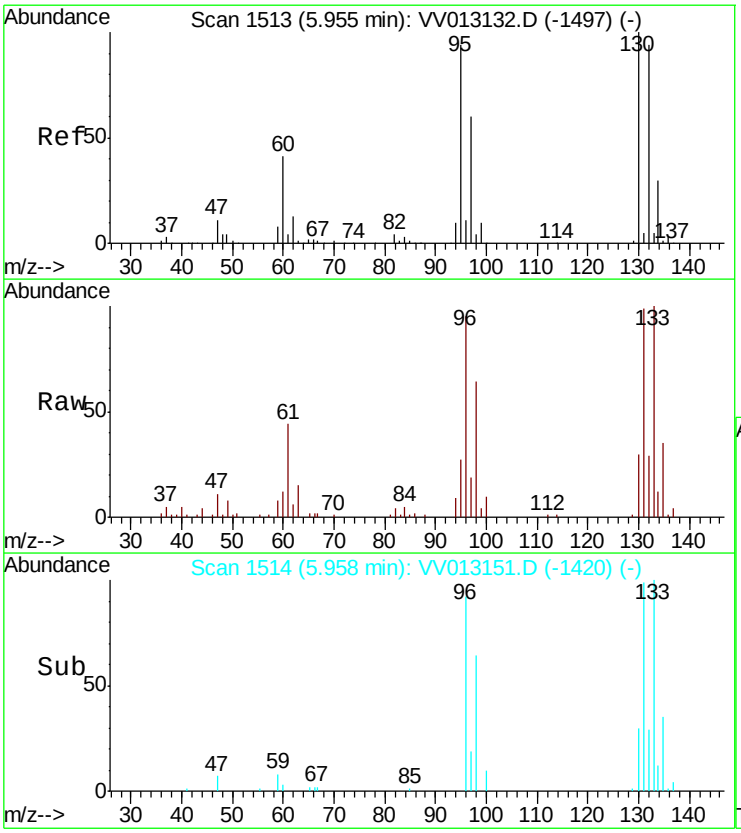
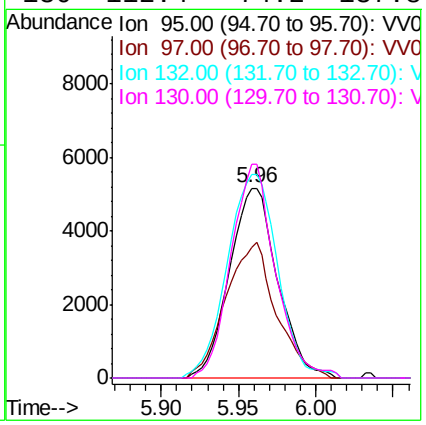
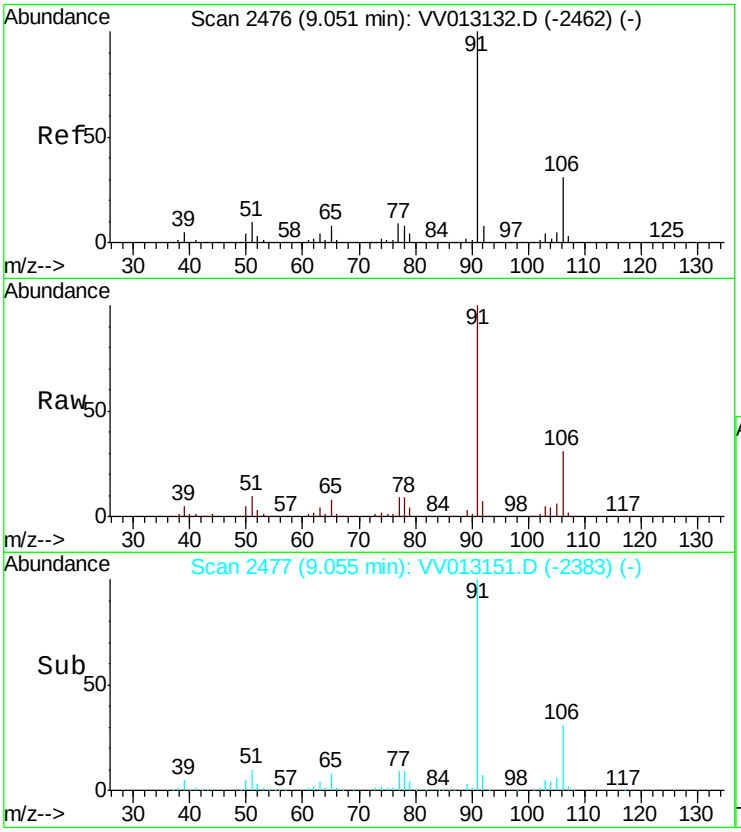


#34
Trichloroethene
Concen: 1.965 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013151.D
Acq: 14 Oct 2019 19:17

Tgt Ion: 95 Resp: 11222

Ion	Ratio	Lower	Upper
95	100		
97	69.0	44.7	82.9
132	107.3	71.4	132.6
130	112.4	74.2	137.8

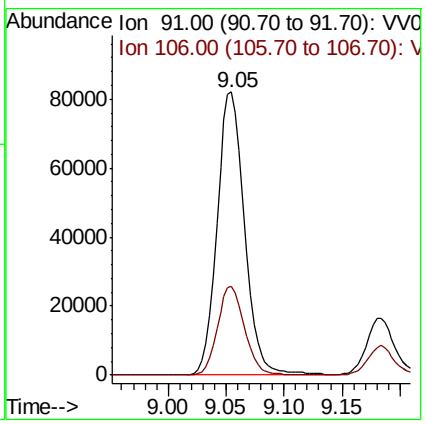




#52
Ethylbenzene
Concen: 5.759 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013151.D
Acq: 14 Oct 2019 19:17

Tgt Ion: 91 Resp: 135828

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.8	40.4



Instrument :
MSVOA_V
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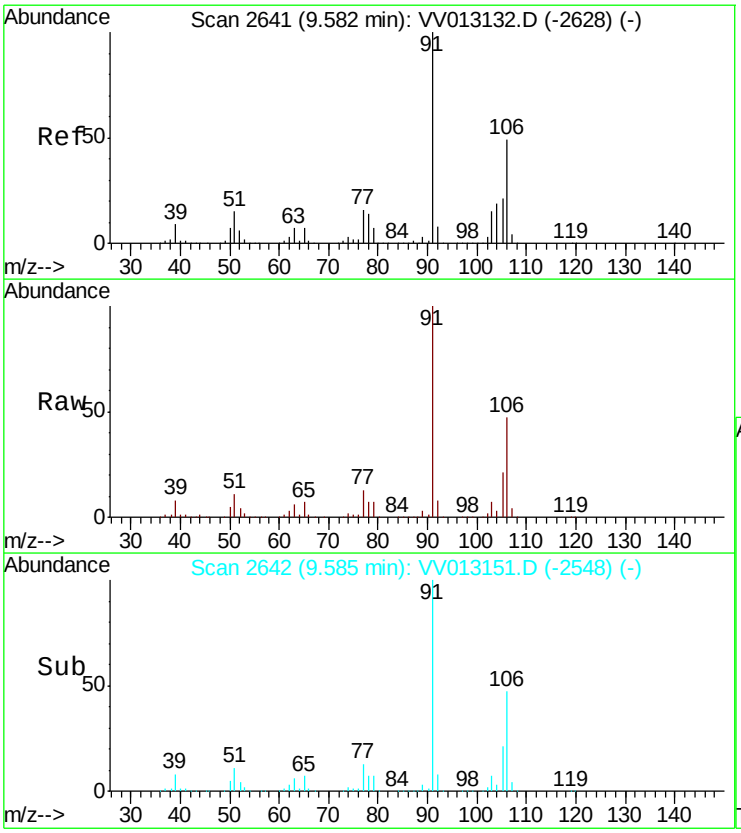
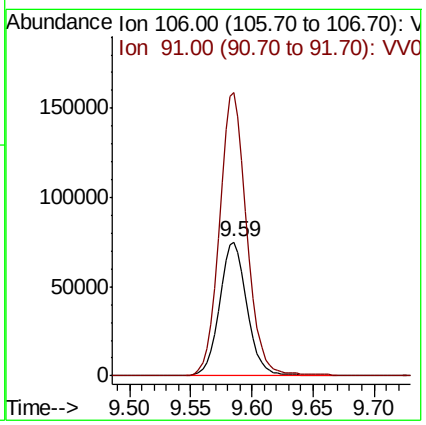
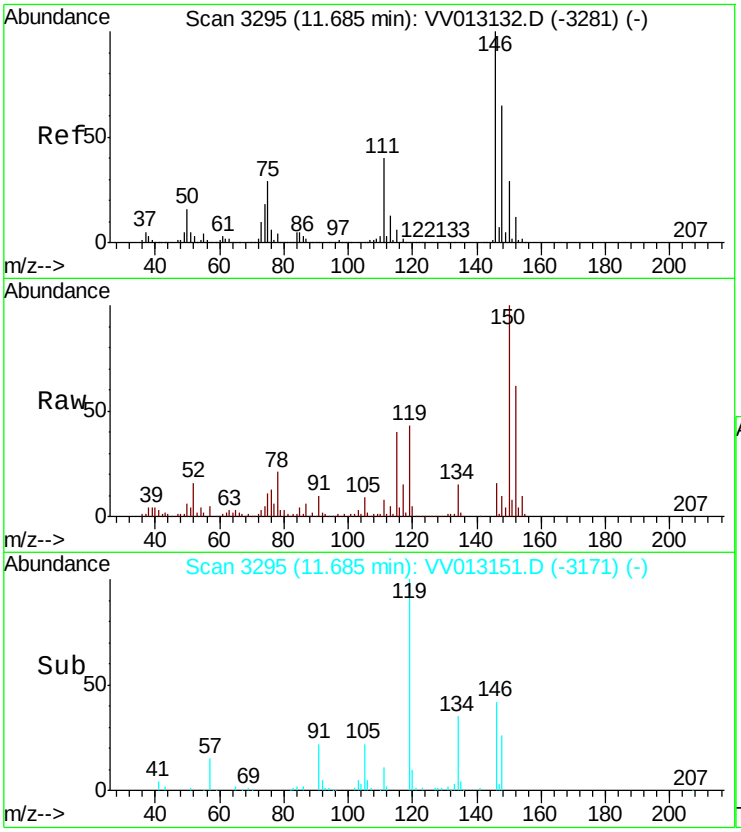


#54
o-xylene
Concen: 13.329 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013151.D
Acq: 14 Oct 2019 19:17

Tgt Ion:106 Resp: 118498

Ion	Ratio	Lower	Upper
106	100		
91	211.7	147.6	274.2

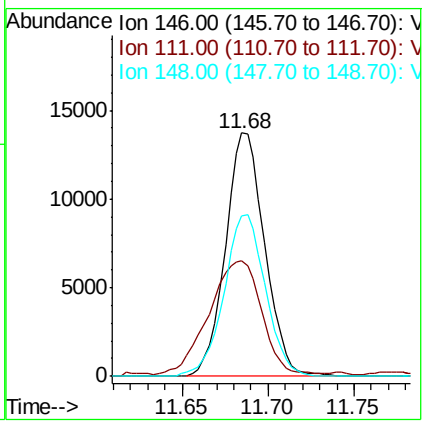




#65
1,2-Dichlorobenzene
Concen: 1.976 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. 0.00 min
Lab File: VV013151.D
Acq: 14 Oct 2019 19:17

Tgt Ion:146 Resp: 21885

Ion	Ratio	Lower	Upper
146	100		
111	47.7	32.2	48.2
148	65.7	50.6	76.0



Instrument :
MSVOA_V
ClientSampleId :
BF6L1

Manual Integrations APPROVED
MMDadoda
10/15/2019 10:48:01 AM