Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\
Data File : VV010447.D
Acq On : 23 Apr 2019 10:27
Operator : SY/MD
Sample : K2481-07
Misc : 5.08G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHW2

Manual Integrations APPROVED
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4/25/2019 9:20:45 AM

Quant Time: Apr 24 02:56:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 02:09:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	39426	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	26259	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	8032	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	10420	19.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.72%			
7) Chloroethane-d5	1.58	69	9811	23.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.88%			
10) 1,1-Dichloroethene-d2	2.13	63	15905	15.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.72%			
20) 2-Butanone-d5	3.94	46	6650m	52.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.72%			
24) Chloroform-d	4.40	84	25091	26.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.16%			
26) 1,2-Dichloroethane-d4	5.08	65	14920	25.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%			
29) Benzene-d6	5.10	84	40109	33.08	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 132.32%			
33) 1,2-Dichloropropane-d6	6.12	67	12269	34.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 137.24%#			
37) Toluene-d8	7.36	98	27894	22.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.36%			
38) trans-1,3-Dichloropropene-	7.66	79	3726	21.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.64%			
39) 2-Hexanone-d5	8.14	63	3487	49.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.18%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	8028	23.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.16%			
61) 1,2-Dichlorobenzene-d4	11.67	152	6401	20.97	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.88%			
Target Compounds						Qvalue
13) Acetone	2.19	43	1924	14.133	ug/L	70
16) Methylene chloride	2.53	84	1448	2.504	ug/L	99
44) Toluene	7.43	91	71820	51.203	ug/L	93
54) m,p-Xylene	9.18	106	19749	30.718	ug/L	83
55) o-xylene	9.59	106	6791	10.604	ug/L	94
56) Styrene	9.61	104	5285m	5.002	ug/L	
57) Isopropylbenzene	9.98	105	4908	2.837	ug/L #	88

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

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Instrument :
MSVOA_V
ClientSampleId :
GAHW2

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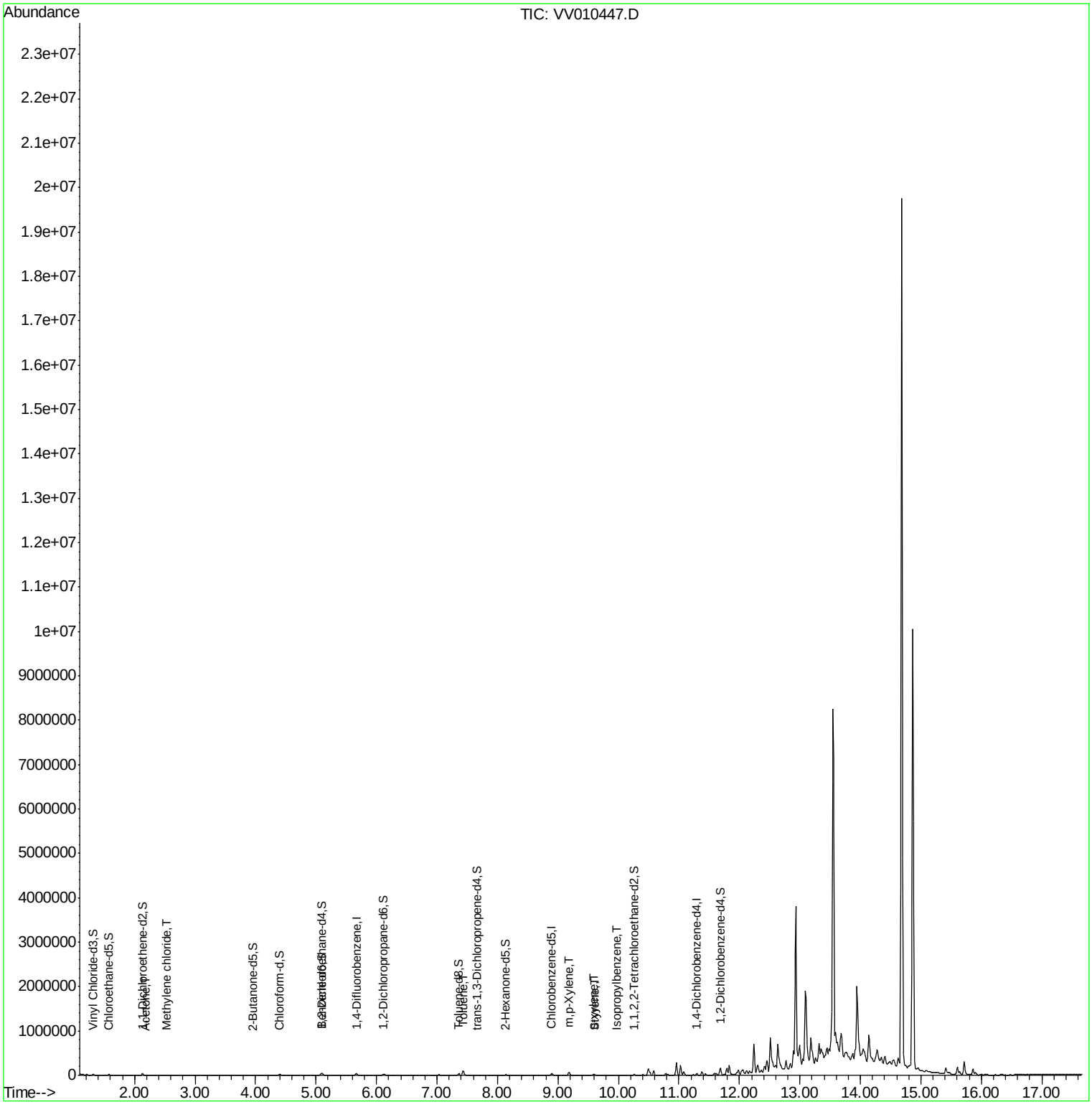
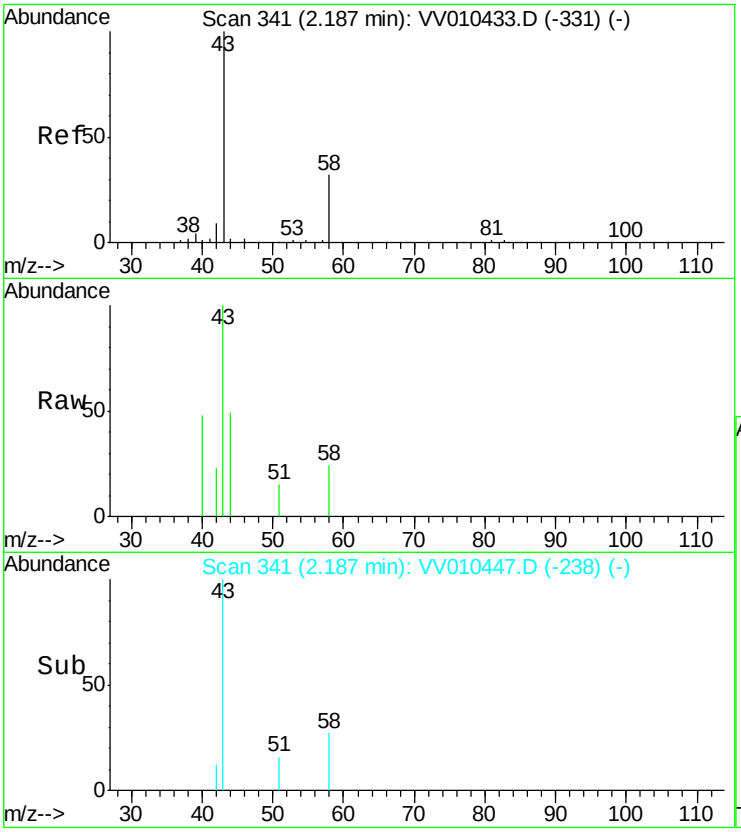
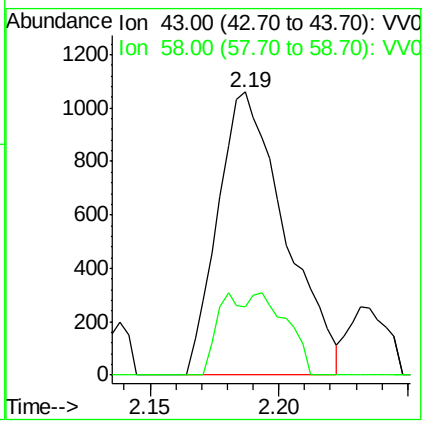




#13
Acetone
Concen: 14.133 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV010447.D
Acq: 23 Apr 2019 10:27

Tgt Ion: 43 Resp: 1924

Ion	Ratio	Lower	Upper
43	100		
58	16.0	0.0	66.4



Instrument :
MSVOA_V
ClientSampleId :
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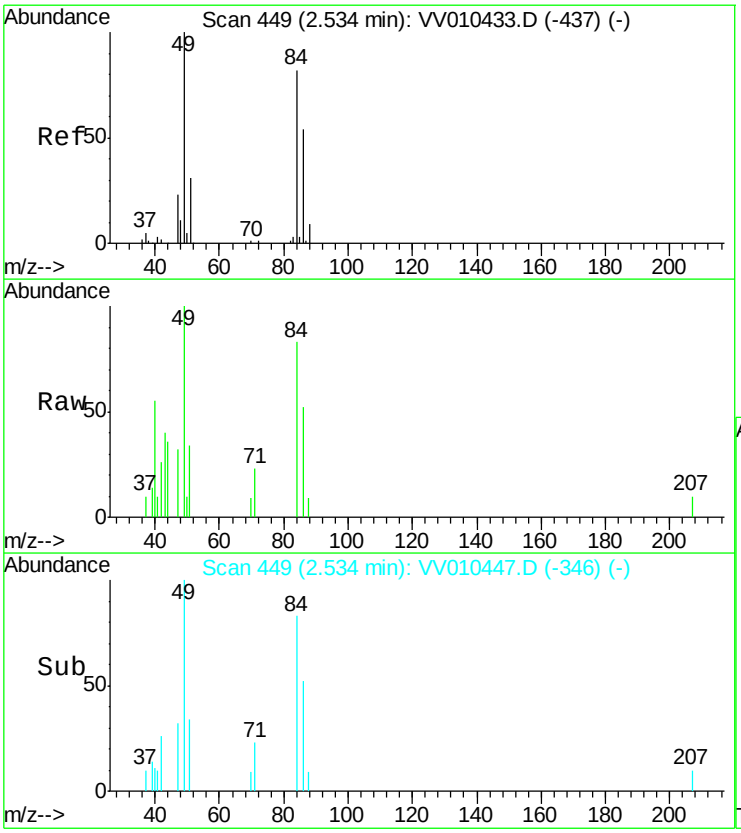
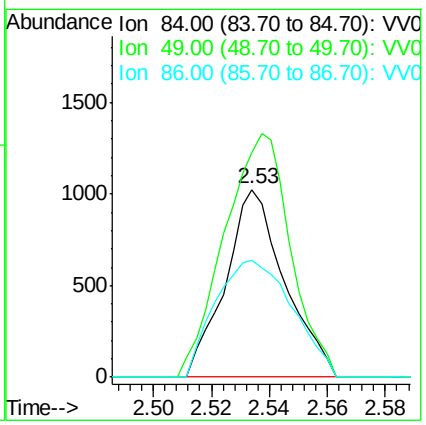
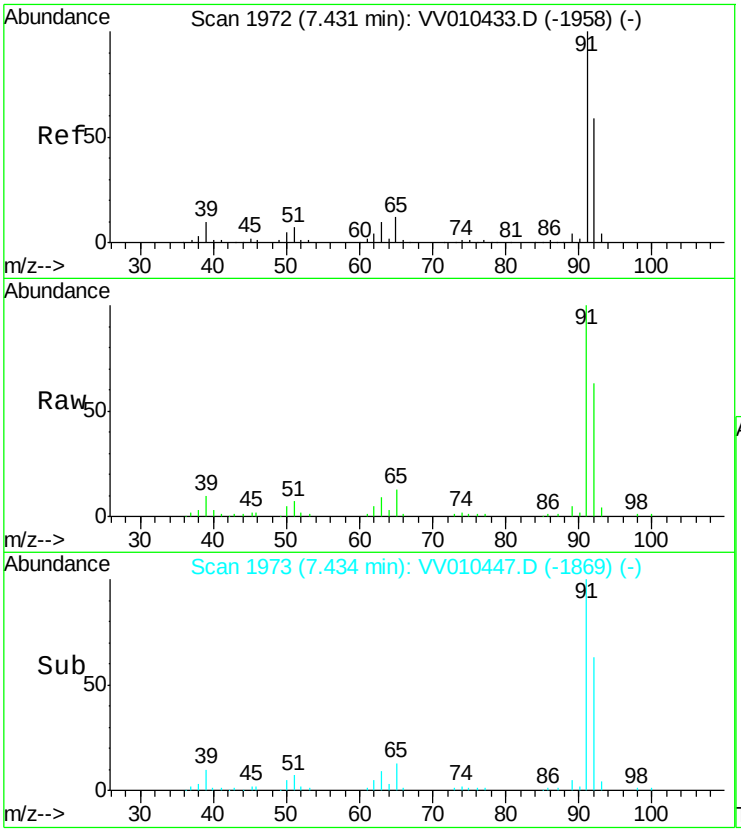


#16
Methylene chloride
Concen: 2.504 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010447.D
Acq: 23 Apr 2019 10:27

Tgt Ion: 84 Resp: 1448

Ion	Ratio	Lower	Upper
84	100		
49	119.8	85.0	158.0
86	62.6	43.9	81.5

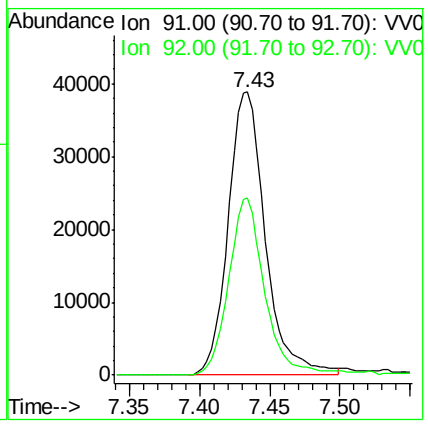




#44
Toluene
Concen: 51.203 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV010447.D
Acq: 23 Apr 2019 10:27

Tgt Ion: 91 Resp: 71820

Ion	Ratio	Lower	Upper
91	100		
92	62.7	40.5	75.1



Instrument :
MSVOA_V
ClientSampleId :
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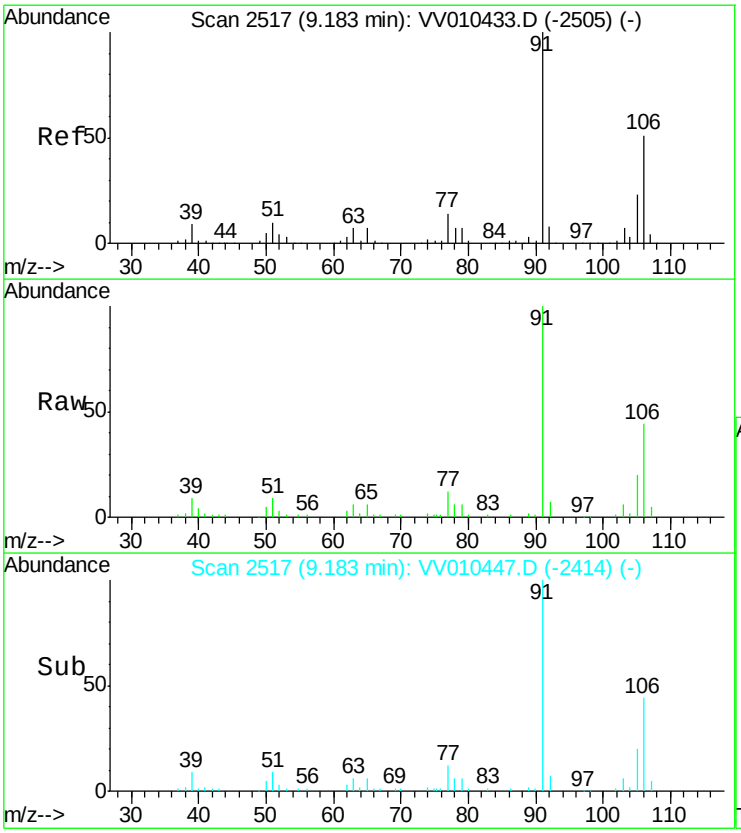
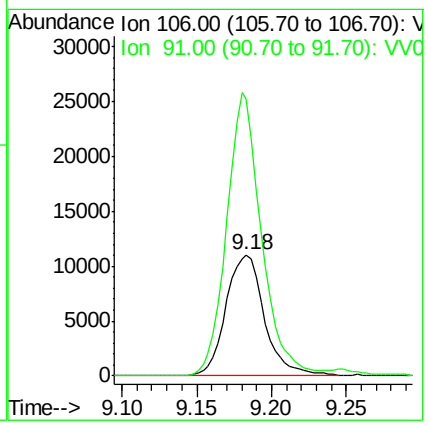
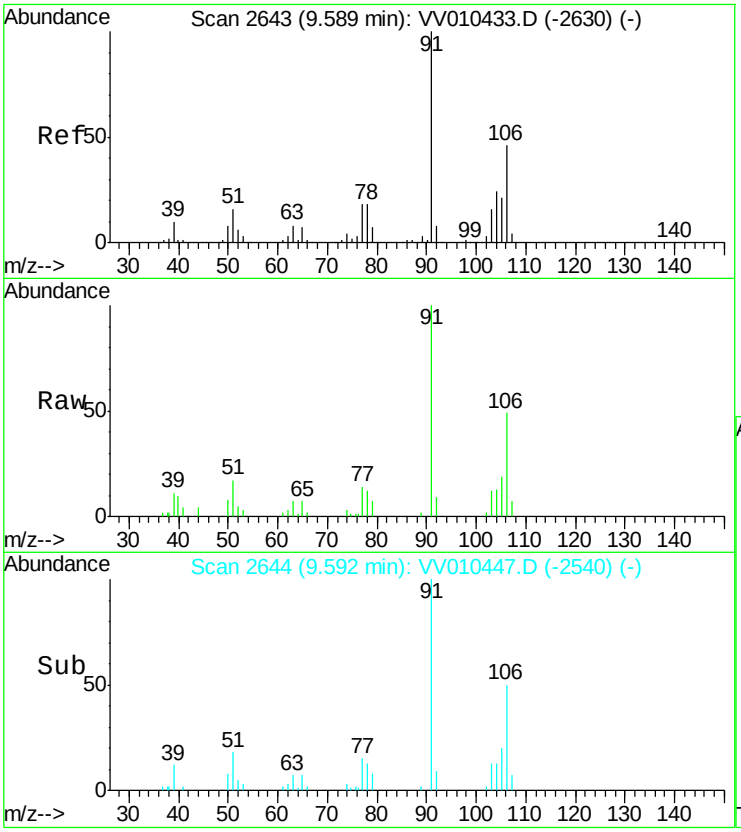


#54
m,p-Xylene
Concen: 30.718 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. -0.00 min
Lab File: VV010447.D
Acq: 23 Apr 2019 10:27

Tgt Ion:106 Resp: 19749

Ion	Ratio	Lower	Upper
106	100		
91	229.8	142.5	264.7

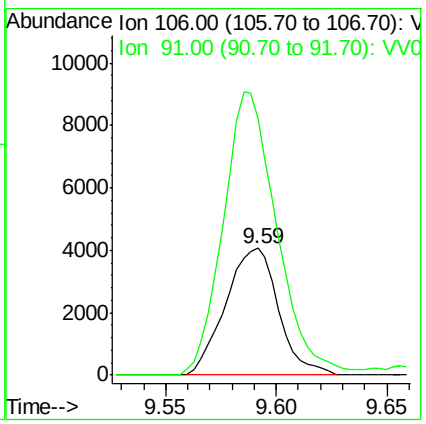




#55
o-xylene
Concen: 10.604 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV010447.D
Acq: 23 Apr 2019 10:27

Tgt Ion:106 Resp: 6791

Ion	Ratio	Lower	Upper
106	100		
91	202.1	148.5	275.9



Instrument :
MSVOA_V
ClientSampleId :
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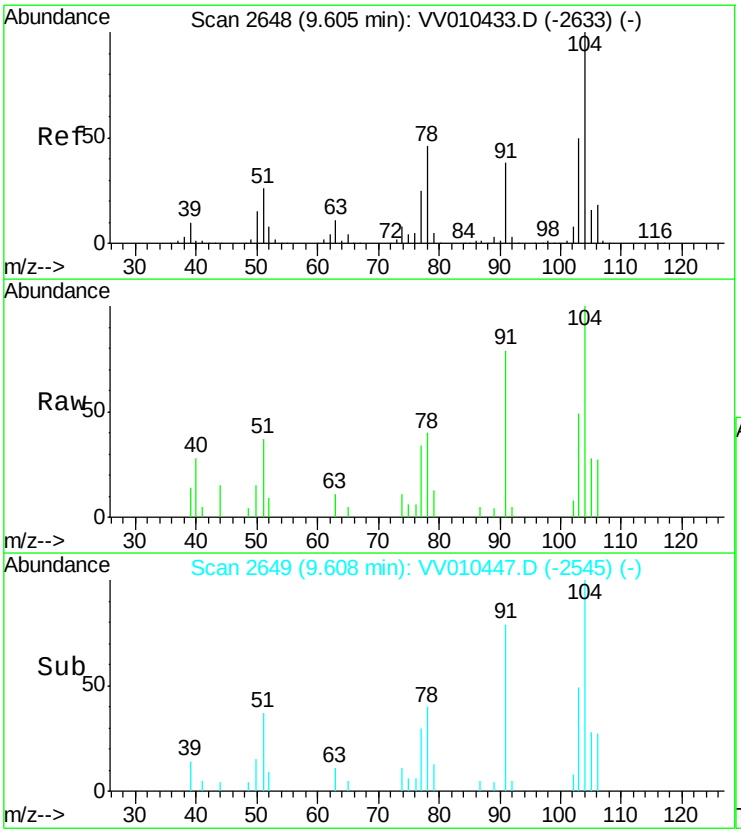
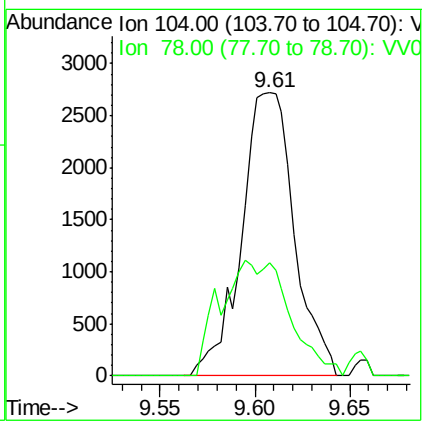
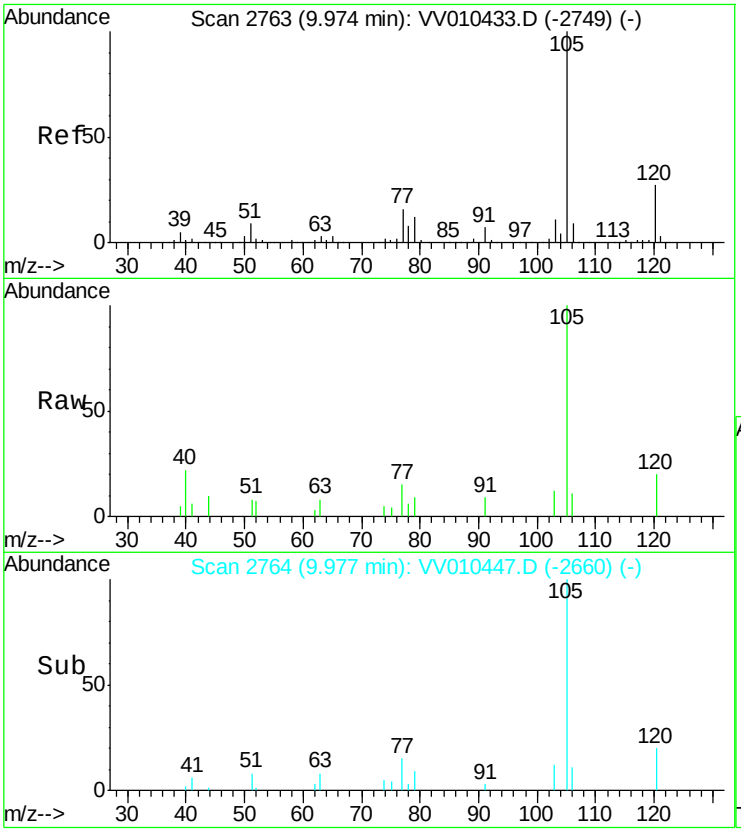


#56
Styrene
Concen: 5.002 ug/L m
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV010447.D
Acq: 23 Apr 2019 10:27

Tgt Ion:104 Resp: 5285

Ion	Ratio	Lower	Upper
104	100		
78	40.0	33.3	61.9

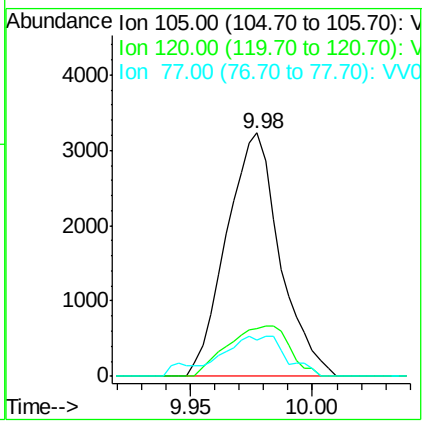




#57
Isopropylbenzene
Concen: 2.837 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV010447.D
Acq: 23 Apr 2019 10:27

Tgt Ion:105 Resp: 4908

Ion	Ratio	Lower	Upper
105	100		
120	24.0	21.4	32.0
77	6.2	12.9	19.3#



Instrument :
MSVOA_V
ClientSampleId :
GAHW2

Manual Integrations APPROVED
MMDadoda
4/25/2019 9:20:45 AM