Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041736.D
Acq On : 22 Dec 2020 13:03
Operator : SY/MD
Sample : L5185-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4R9

Manual Integrations APPROVED
MMDadoda
12/23/2020 11:32:19 AM

Quant Time: Dec 23 04:41:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 04:05:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135684	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129861	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58741	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	33890	3.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.00%			
7) Chloroethane-d5	1.92	69	39683	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.58	63	63951	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	4.65	46	163219	53.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.14%			
24) Chloroform-d	5.08	84	88617	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.72	65	51966	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.74	84	170584	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
36) 1,2-Dichloropropane-d6	6.70	67	56077	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.91	98	140500	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
43) trans-1,3-Dichloropropene-	8.19	79	21620	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.64	63	145461	50.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.52%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55347	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55761	5.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.80%			
Target Compounds						Qvalue
13) Acetone	2.67	43	8074m	4.166	ug/L	
16) Methylene chloride	3.06	84	1546	0.141	ug/L	89
42) Toluene	7.98	91	18594	0.434	ug/L	96
52) Ethylbenzene	9.57	91	2735	0.060	ug/L	98
53) m,p-Xylene	9.69	106	3416	0.201	ug/L	90
54) o-Xylene	10.10	106	1726	0.103	ug/L	72

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

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Instrument :
MSVOA_U
ClientSampleId :
BG4R9

Manual Integrations APPROVED
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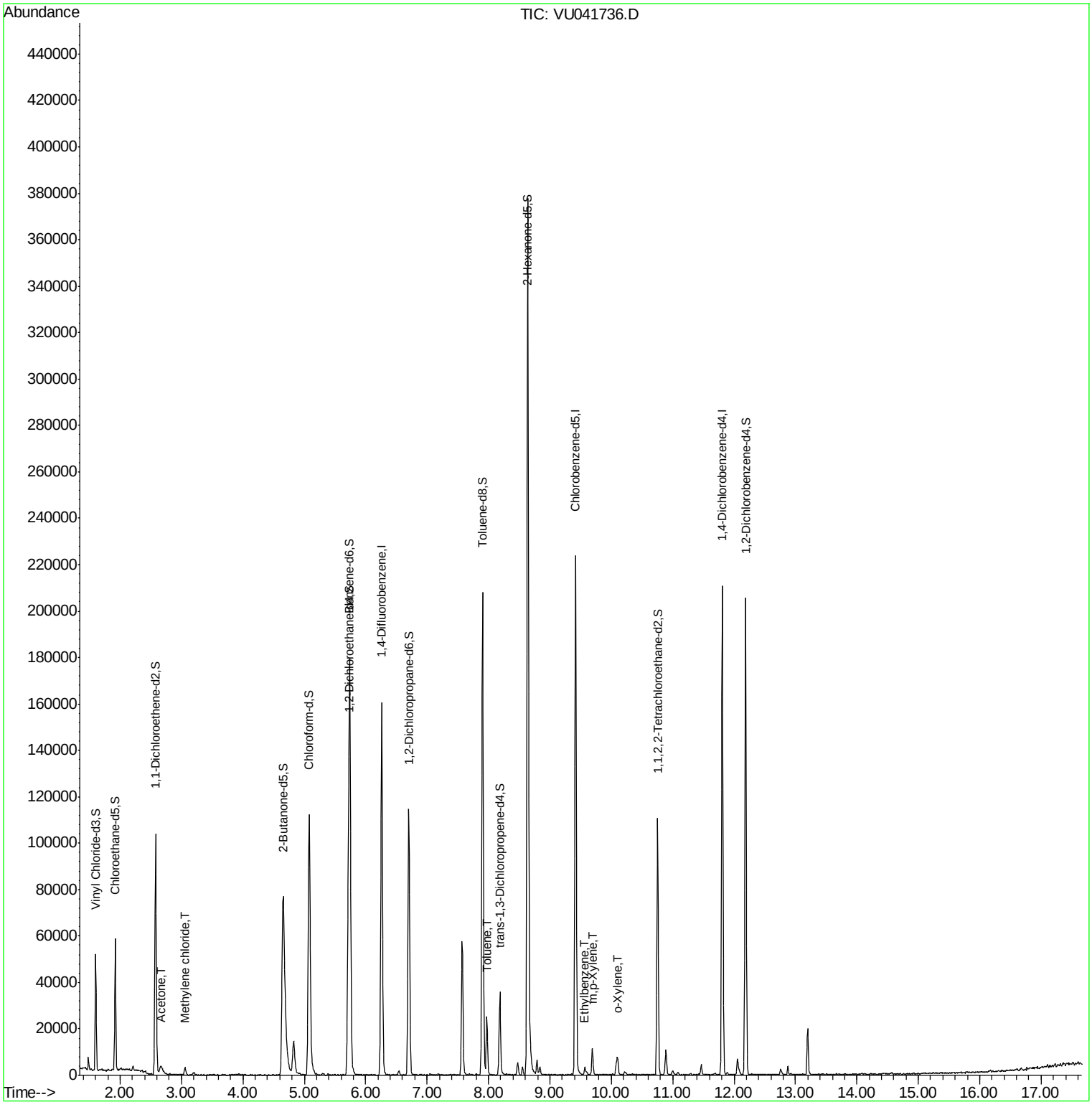
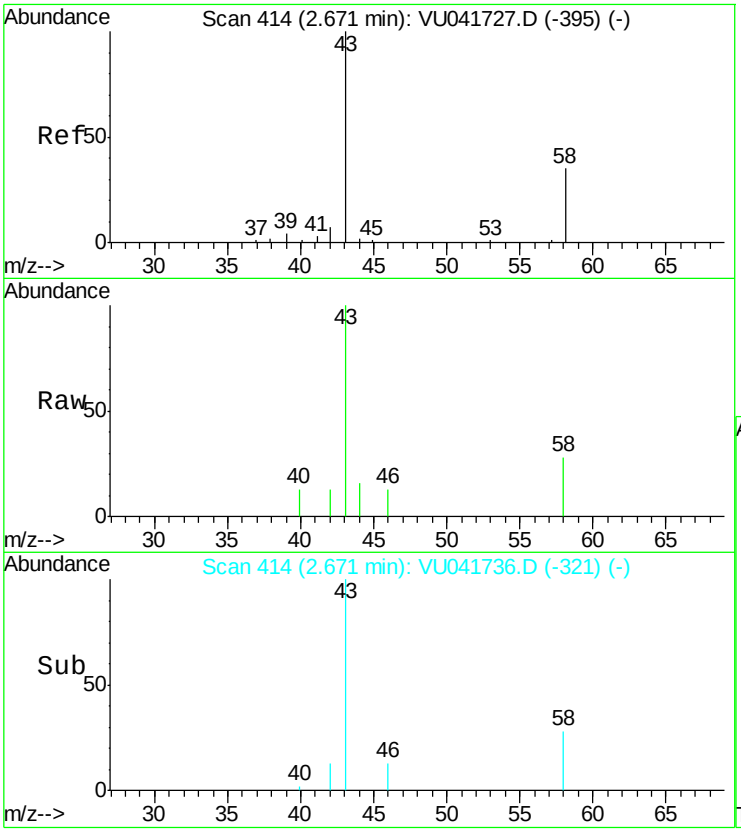
12/23/2020 11:32:19 AM

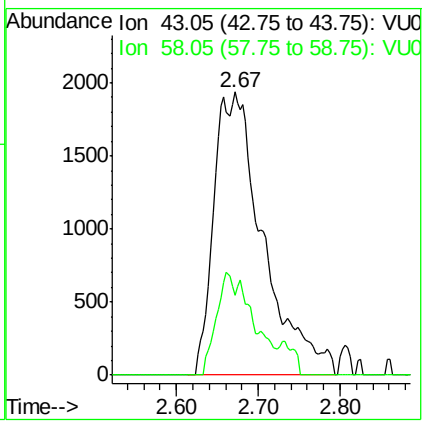




#13
Acetone
Concen: 4.166 ug/L m
RT: 2.67 min Scan# 414
Delta R.T. -0.00 min
Lab File: VU041736.D
Acq: 22 Dec 2020 13:03

Tgt Ion: 43 Resp: 8074

Ion	Ratio	Lower	Upper
43	100		
58	12.8	0.0	73.2



Instrument :
MSVOA_U
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BG4R9

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MMDadoda
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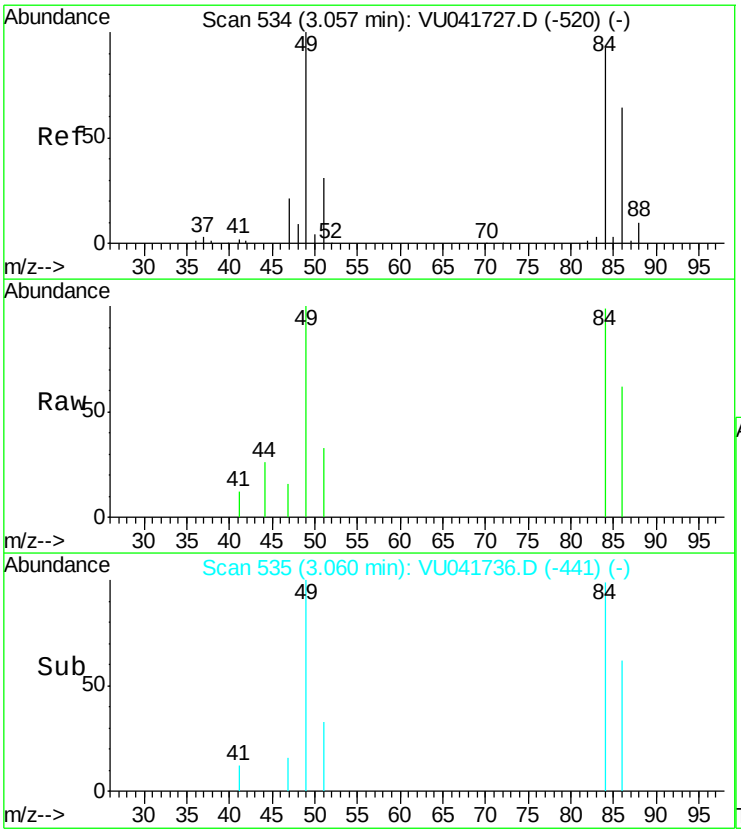
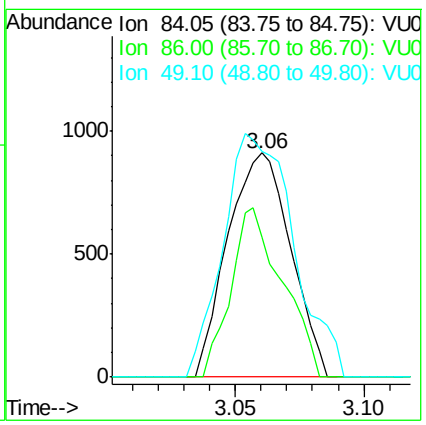
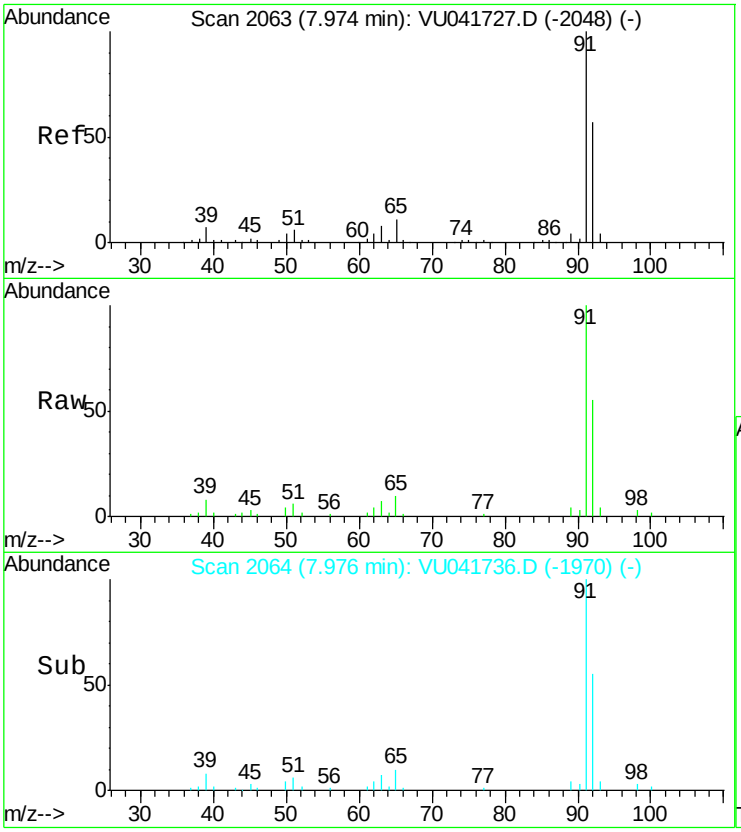


#16
Methylene chloride
Concen: 0.141 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041736.D
Acq: 22 Dec 2020 13:03

Tgt Ion: 84 Resp: 1546

Ion	Ratio	Lower	Upper
84	100		
86	62.3	45.1	83.7
49	100.9	83.1	154.3

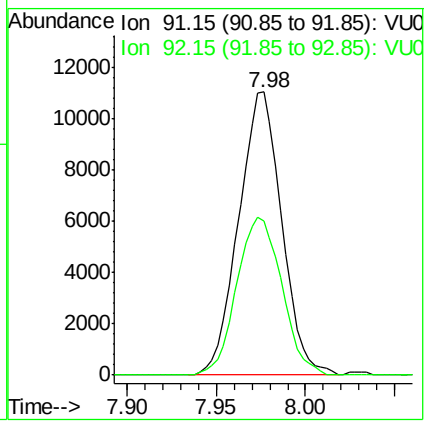




#42
Toluene
Concen: 0.434 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041736.D
Acq: 22 Dec 2020 13:03

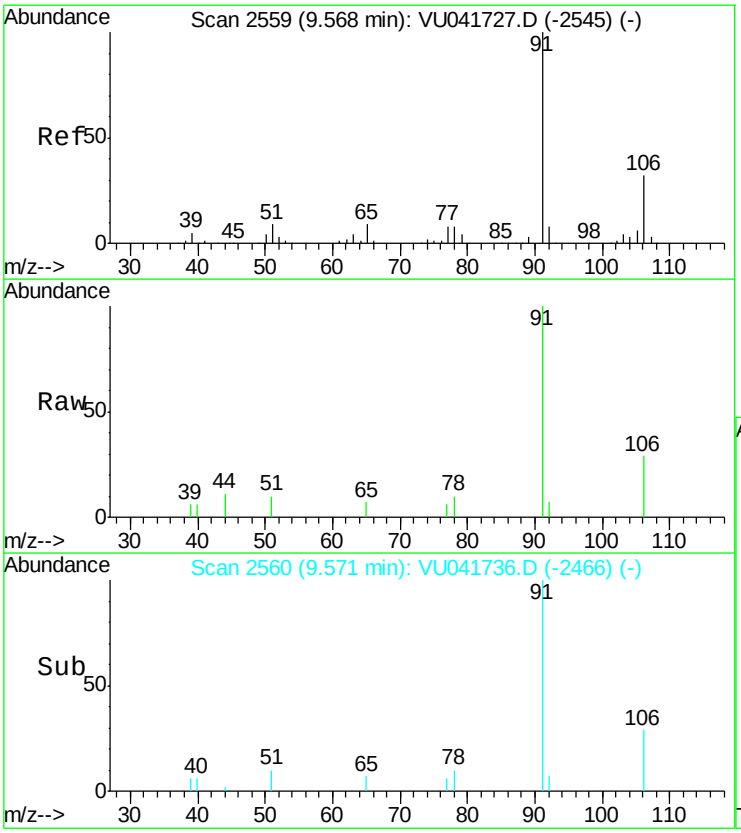
Tgt Ion: 91 Resp: 18594

Ion	Ratio	Lower	Upper
91	100		
92	54.5	40.0	74.2



Instrument :
MSVOA_U
ClientSampleId :
BG4R9

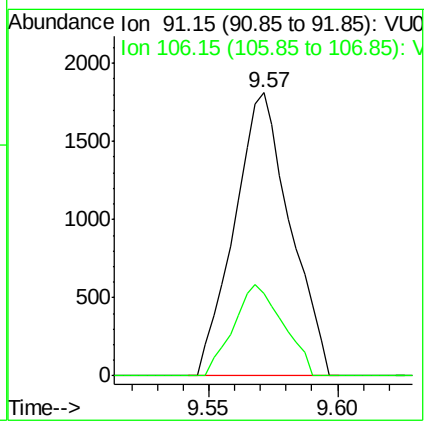
Manual Integrations APPROVED
MMDadoda
12/23/2020 11:32:19 AM

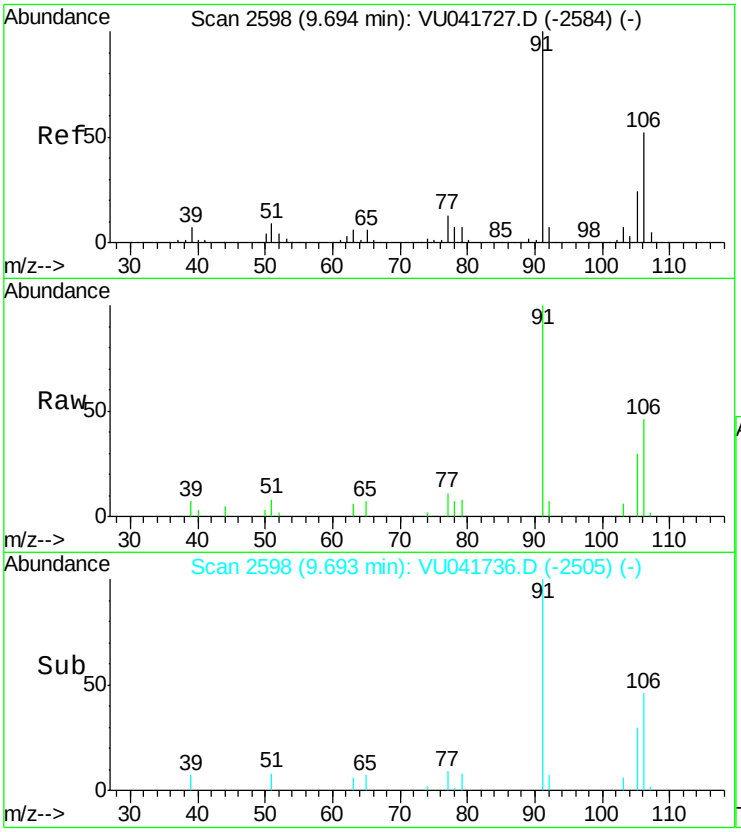


#52
Ethylbenzene
Concen: 0.060 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU041736.D
Acq: 22 Dec 2020 13:03

Tgt Ion: 91 Resp: 2735

Ion	Ratio	Lower	Upper
91	100		
106	29.1	21.1	39.3

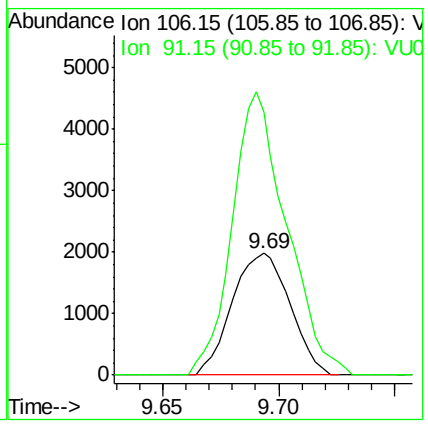




#53
m,p-Xylene
Concen: 0.201 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU041736.D
Acq: 22 Dec 2020 13:03

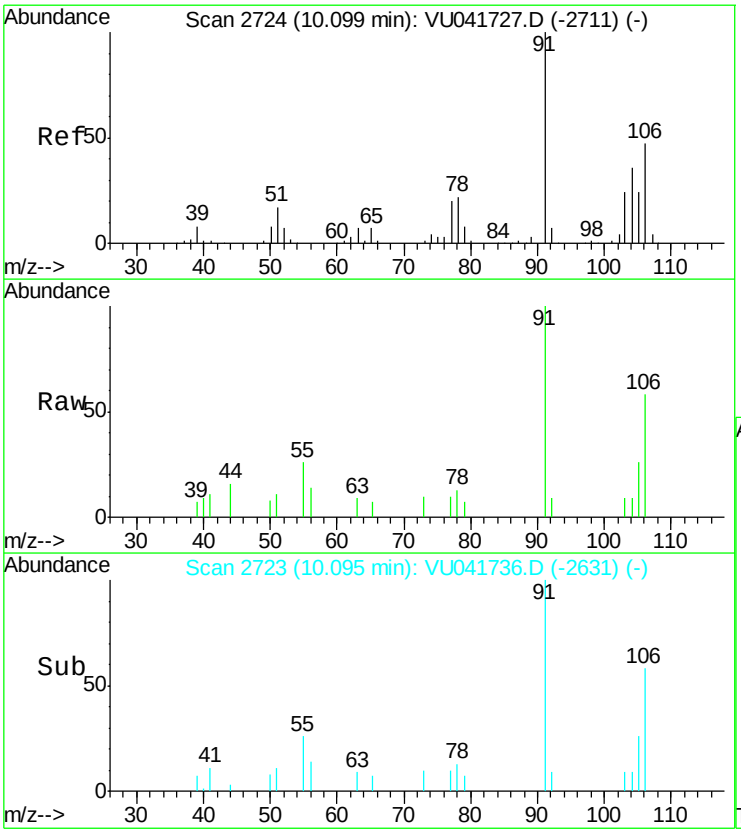
Tgt Ion:106 Resp: 3416

Ion	Ratio	Lower	Upper
106	100		
91	216.2	140.4	260.8



Instrument :
MSVOA_U
ClientSampleId :
BG4R9

Manual Integrations APPROVED
MMDadoda
12/23/2020 11:32:19 AM



#54
o-Xylene
Concen: 0.103 ug/L
RT: 10.10 min Scan# 2723
Delta R.T. -0.00 min
Lab File: VU041736.D
Acq: 22 Dec 2020 13:03

Tgt Ion:106 Resp: 1726

Ion	Ratio	Lower	Upper
106	100		
91	172.0	151.3	281.1