Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040893.D
Acq On : 21 Oct 2020 23:18
Operator : SY/MD
Sample : L4447-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ57

Manual Integrations APPROVED
MMDadoda
10/26/2020 4:12:20 PM

Quant Time: Oct 22 02:52:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	207975	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	216250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	89897	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	69826	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.92	69	65382	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.20%			
11) 1,1-Dichloroethene-d2	2.58	63	107937	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	4.65	46	351899	69.51	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 139.02%#			
24) Chloroform-d	5.08	84	162527	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
26) 1,2-Dichloroethane-d4	5.72	65	104614	5.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.40%			
32) Benzene-d6	5.75	84	285092	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.70	67	101225	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.20%			
41) Toluene-d8	7.91	98	219149	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
43) trans-1,3-Dichloropropene-	8.19	79	38340	4.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.60%			
46) 2-Hexanone-d5	8.64	63	252514	65.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 130.42%#			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	99057	6.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 121.00%#			
64) 1,2-Dichlorobenzene-d4	12.19	152	93195	5.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.00%			
Target Compounds						Qvalue
13) Acetone	2.66	43	51807	14.561	ug/L	99
16) Methylene chloride	3.06	84	6227	0.332	ug/L	94
21) 2-Butanone	4.75	43	6413m	1.196	ug/L	
27) 1,2-Dichloroethane	5.81	62	44968	2.031	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	9596	0.762	ug/L #	66
52) Ethylbenzene	9.57	91	10930	0.146	ug/L	98
53) m,p-Xylene	9.69	106	15352	0.568	ug/L	86
54) o-Xylene	10.10	106	8237	0.320	ug/L	96

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

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Instrument :
MSVOA_U
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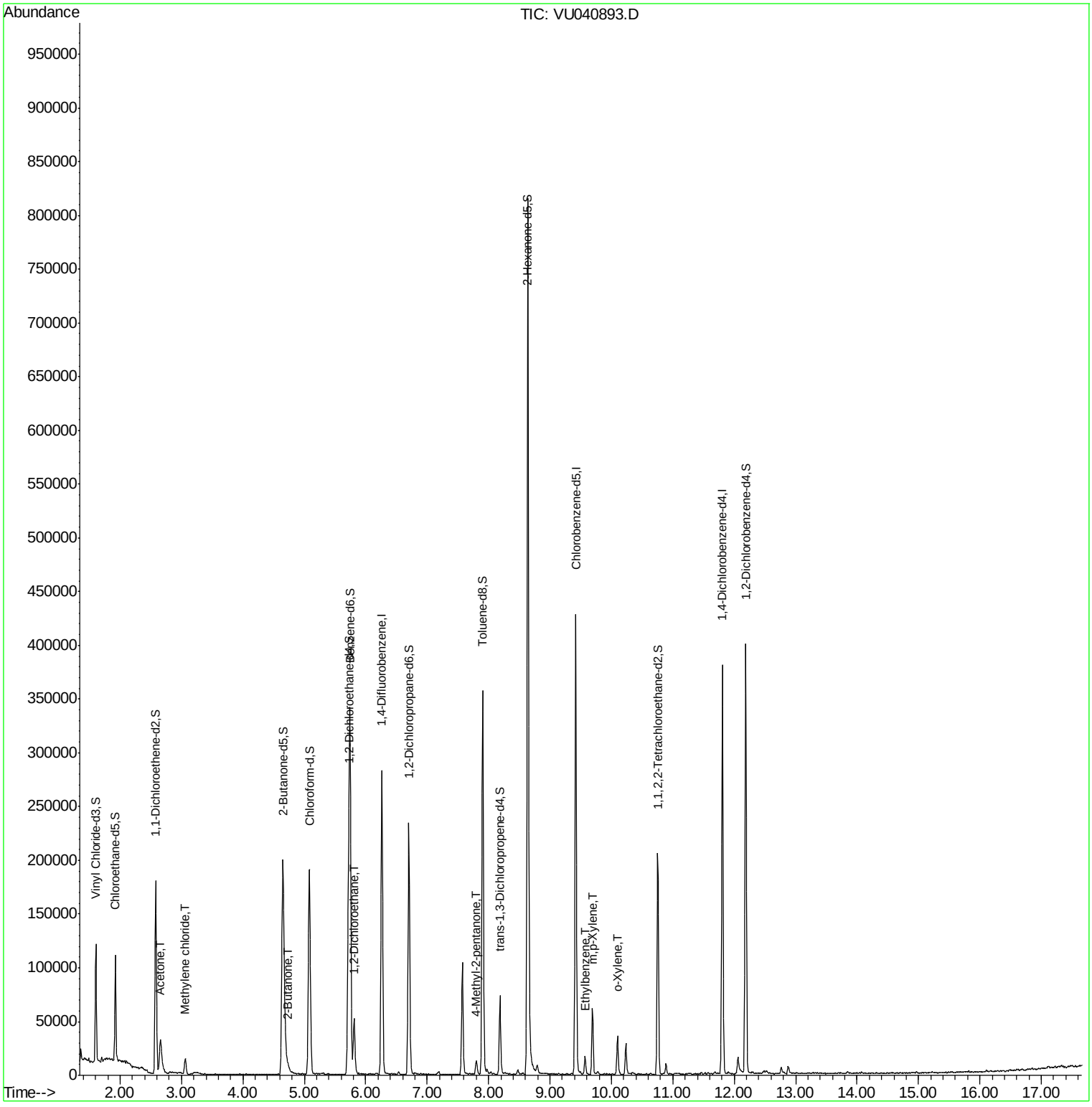
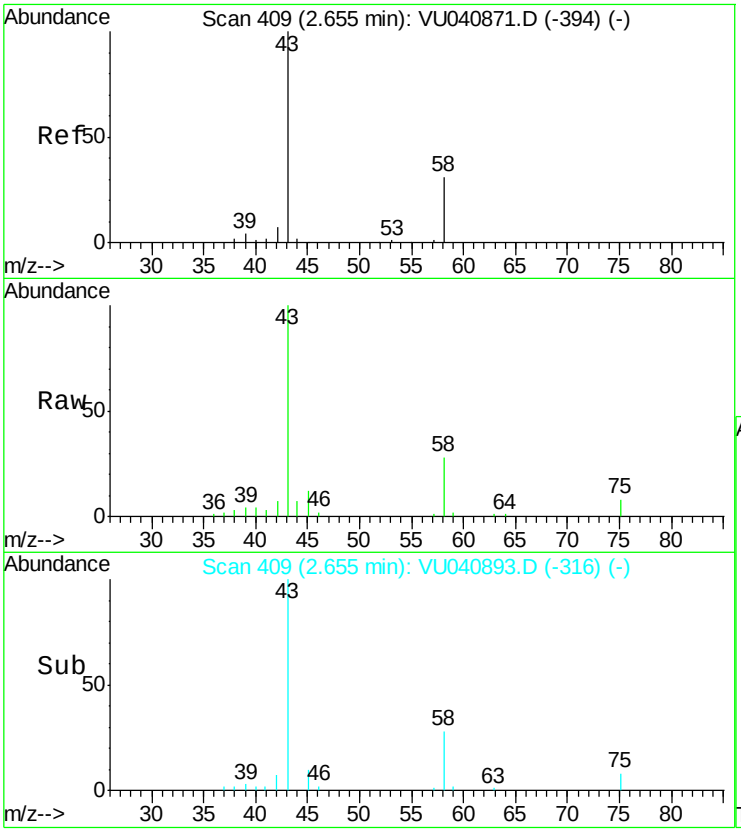
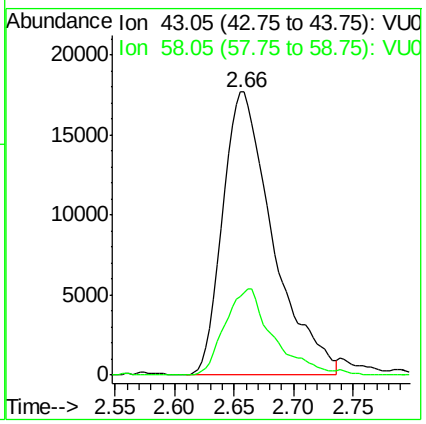




#13
Acetone
Concen: 14.561 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: VU040893.D
Acq: 21 Oct 2020 23:18

Tgt Ion: 43 Resp: 51807

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	58.6



Instrument :
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ClientSampleId :
ETZ57

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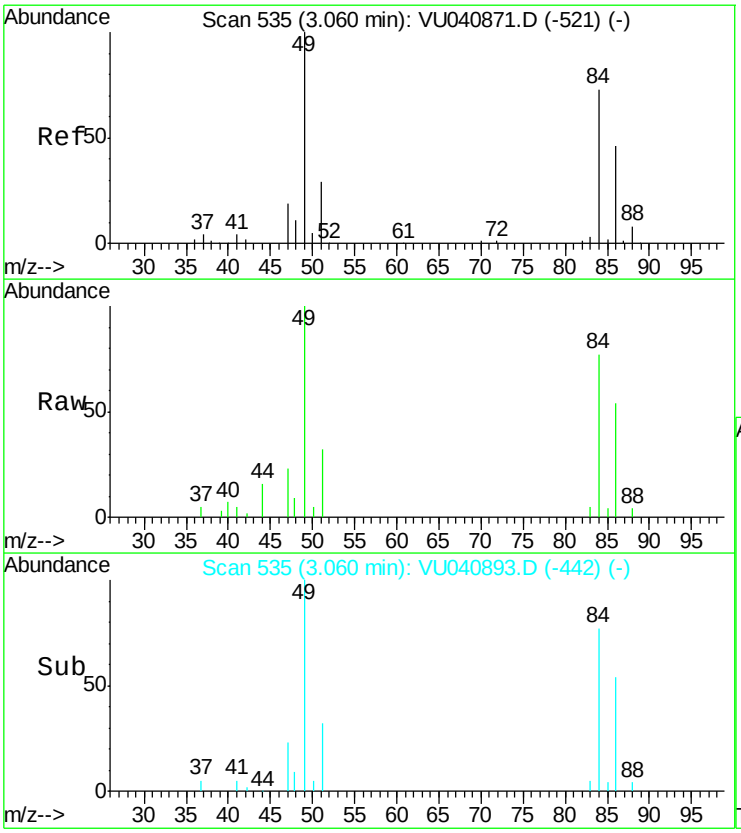
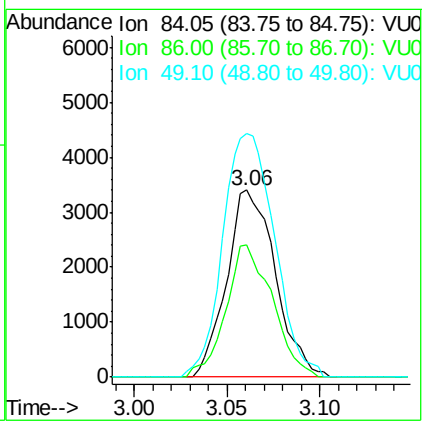
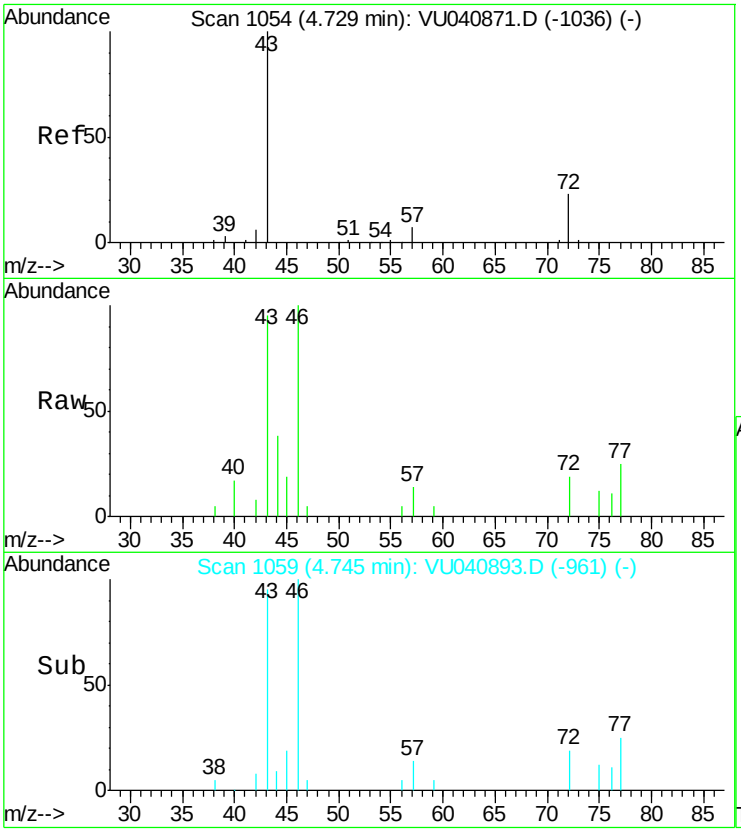


#16
Methylene chloride
Concen: 0.332 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040893.D
Acq: 21 Oct 2020 23:18

Tgt Ion: 84 Resp: 6227

Ion	Ratio	Lower	Upper
84	100		
86	70.6	44.9	83.5
49	130.2	94.7	175.9

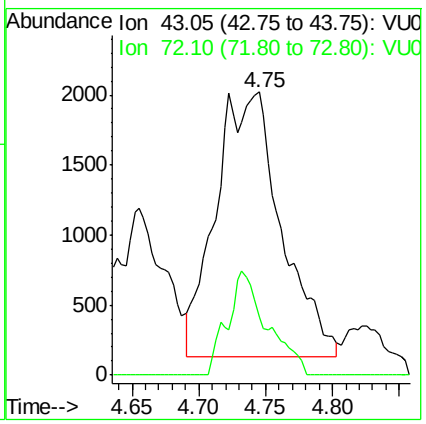




#21
2-Butanone
Concen: 1.196 ug/L m
RT: 4.75 min Scan# 1059
Delta R.T. 0.02 min
Lab File: VU040893.D
Acq: 21 Oct 2020 23:18

Tgt Ion: 43 Resp: 6413

Ion	Ratio	Lower	Upper
43	100		
72	24.0	12.2	36.4



Instrument :
MSVOA_U
ClientSampleId :
ETZ57

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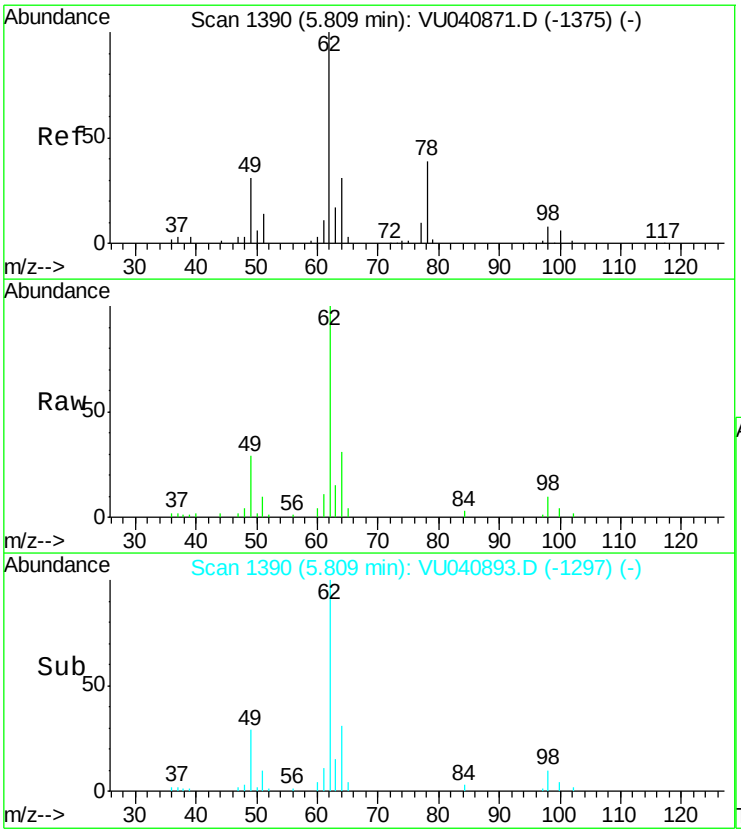
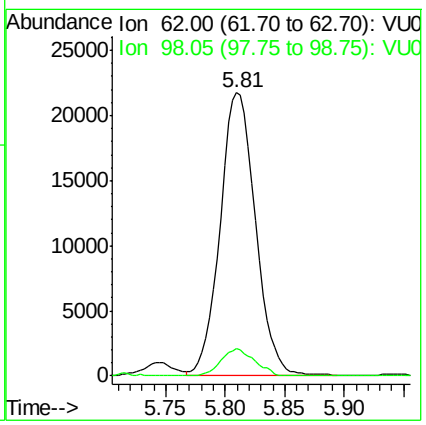
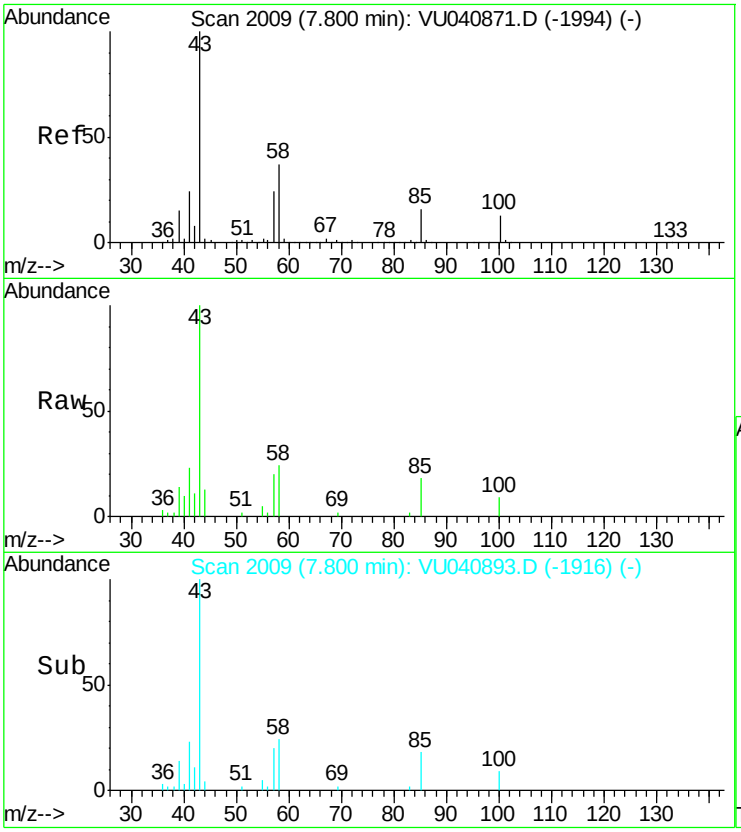


#27
1,2-Dichloroethane
Concen: 2.031 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU040893.D
Acq: 21 Oct 2020 23:18

Tgt Ion: 62 Resp: 44968

Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.0	10.6

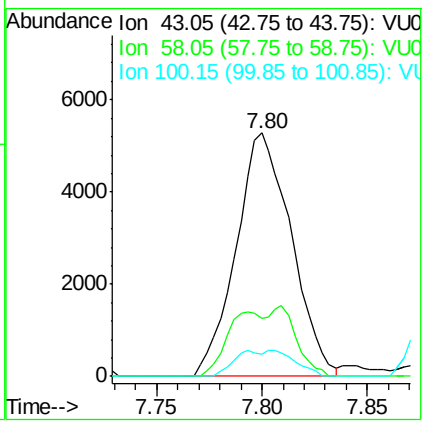




#40
4-Methyl-2-pentanone
Concen: 0.762 ug/L
RT: 7.80 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VU040893.D
Acq: 21 Oct 2020 23:18

Tgt Ion: 43 Resp: 9596

Ion	Ratio	Lower	Upper
43	100		
58	16.9	29.7	44.5#
100	0.0	10.6	16.0#



Instrument :
MSVOA_U
ClientSampleId :
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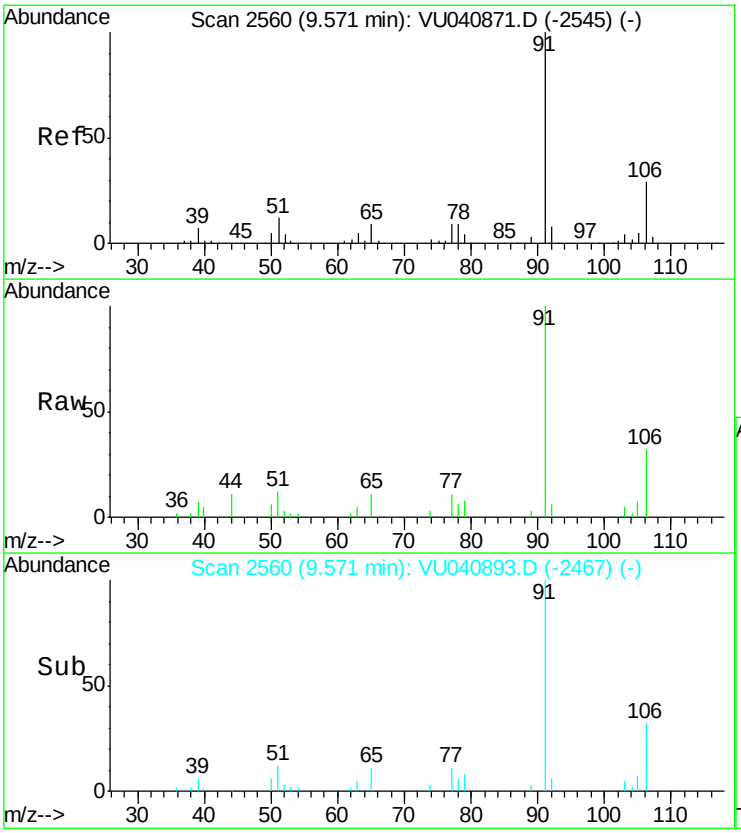
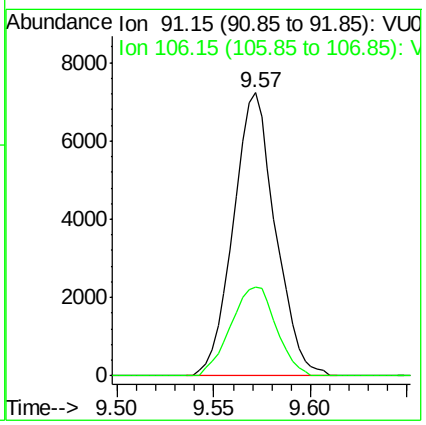
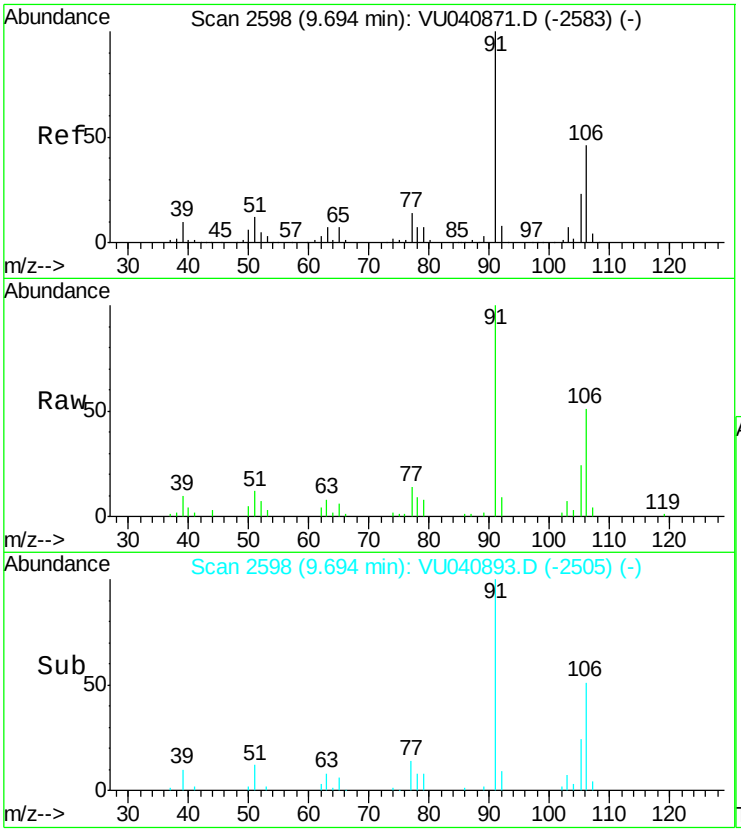


#52
Ethylbenzene
Concen: 0.146 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040893.D
Acq: 21 Oct 2020 23:18

Tgt Ion: 91 Resp: 10930

Ion	Ratio	Lower	Upper
91	100		
106	31.5	21.2	39.4

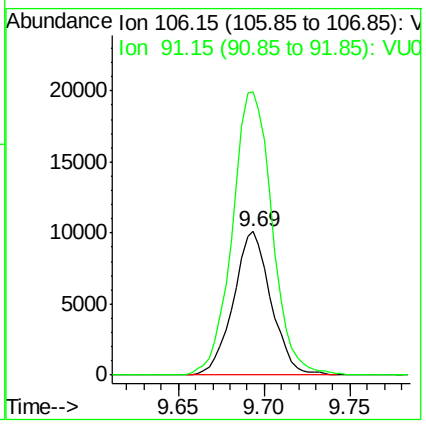




#53
m,p-Xylene
Concen: 0.568 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040893.D
Acq: 21 Oct 2020 23:18

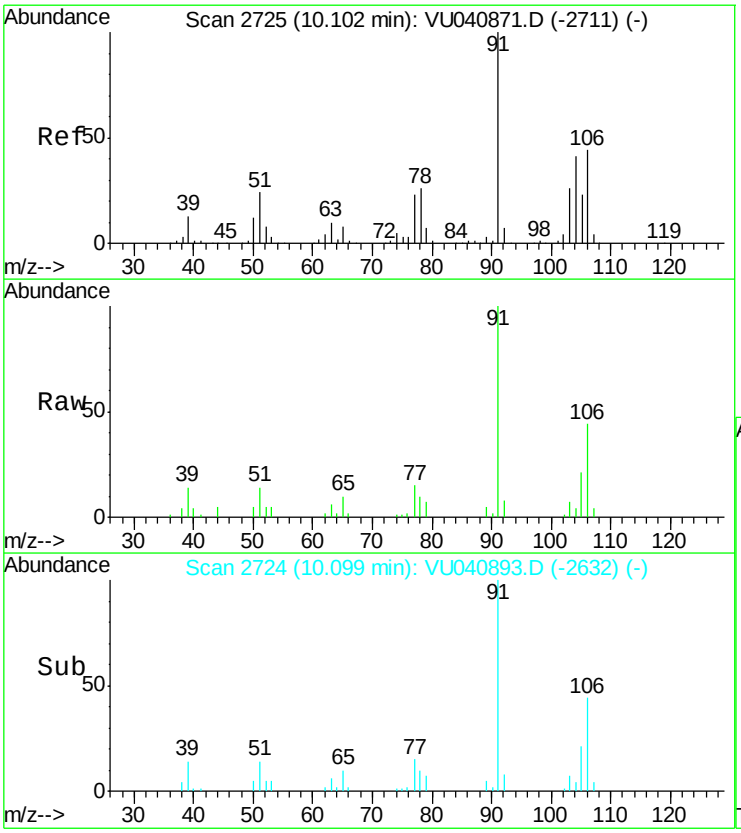
Tgt Ion:106 Resp: 15352

Ion	Ratio	Lower	Upper
106	100		
91	197.3	153.3	284.7



Instrument :
MSVOA_U
ClientSampleId :
ETZ57

Manual Integrations APPROVED
MMDadoda
10/26/2020 4:12:20 PM



#54
o-Xylene
Concen: 0.320 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040893.D
Acq: 21 Oct 2020 23:18

Tgt Ion:106 Resp: 8237

Ion	Ratio	Lower	Upper
106	100		
91	225.1	153.6	285.2