Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034757.D
Acq On : 24 Sep 2019 00:50
Operator : JC/SP
Sample : K4932-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDM5

Manual Integrations APPROVED
MMDadoda
9/24/2019 12:48:31 PM

Quant Time: Sep 24 05:51:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	519352	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	487458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	232529	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	208767	39.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.54%			
7) Chloroethane-d5	1.67	69	175944	42.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.64%			
11) 1,1-Dichloroethene-d2	2.26	63	292827	32.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.04%			
21) 2-Butanone-d5	4.15	46	466434	114.47	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.47%			
24) Chloroform-d	4.62	84	367373	47.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.06%			
26) 1,2-Dichloroethane-d4	5.29	65	269079	47.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.72%			
32) Benzene-d6	5.32	84	736369	48.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.48%			
36) 1,2-Dichloropropane-d6	6.31	67	263423	49.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.76%			
41) Toluene-d8	7.54	98	712117	49.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.08%			
43) trans-1,3-Dichloropropene-	7.83	79	116839	46.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.40%			
47) 2-Hexanone-d5	8.29	63	310599	117.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.10%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	361299	49.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.62%			
64) 1,2-Dichlorobenzene-d4	11.84	152	250878	51.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.90%			
Target Compounds						Qvalue
13) Acetone	2.31	43	64198	13.544	ug/L	98
16) Methylene chloride	2.68	84	1794900	417.010	ug/L	97
22) 2-Butanone	4.25	43	15770m	2.797	ug/L	
33) Benzene	5.37	78	33278	1.968	ug/L	100
42) Toluene	7.61	91	349198	19.112	ug/L	99
52) Ethylbenzene	9.23	91	102762	4.995	ug/L	100
53) m,p-Xylene	9.35	106	252281	34.619	ug/L	96
54) o-xylene	9.76	106	170867	23.706	ug/L	96
56) Isopropylbenzene	10.14	105	27318	1.406	ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	68546	8.425	ug/L	99

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

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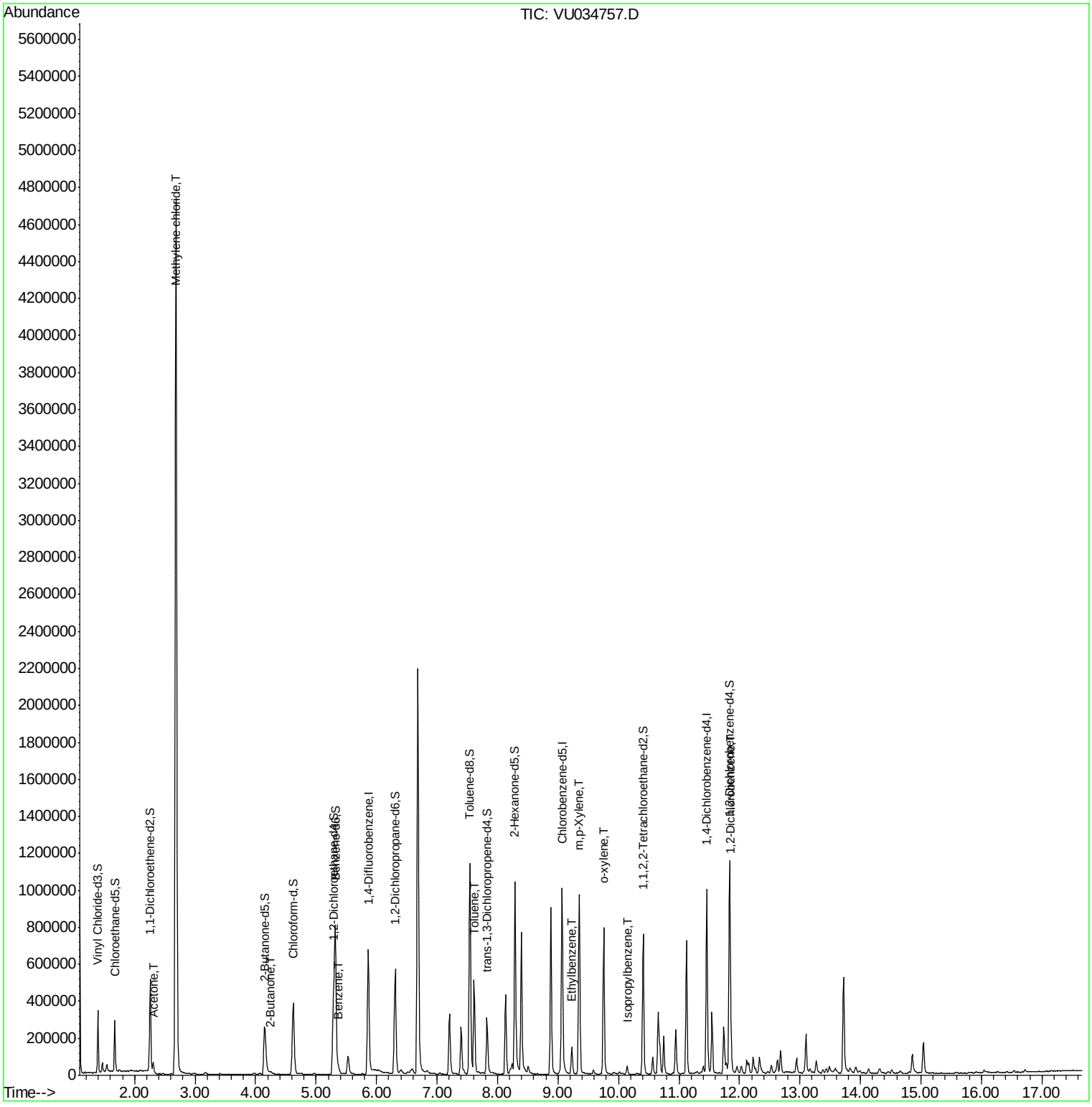
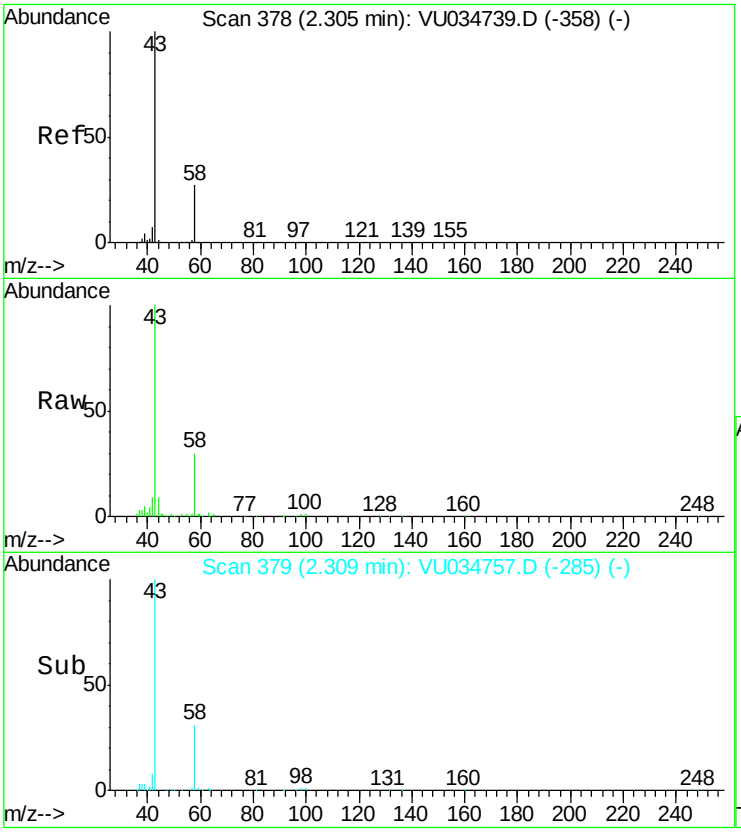
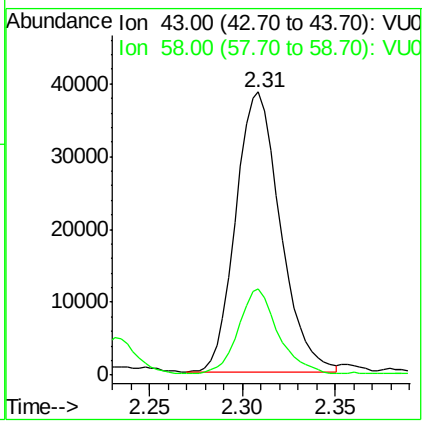




#13
Acetone
Concen: 13.544 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU034757.D
Acq: 24 Sep 2019 00:50

Tgt Ion: 43 Resp: 64198

Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	53.4



Instrument :
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ClientSampleId :
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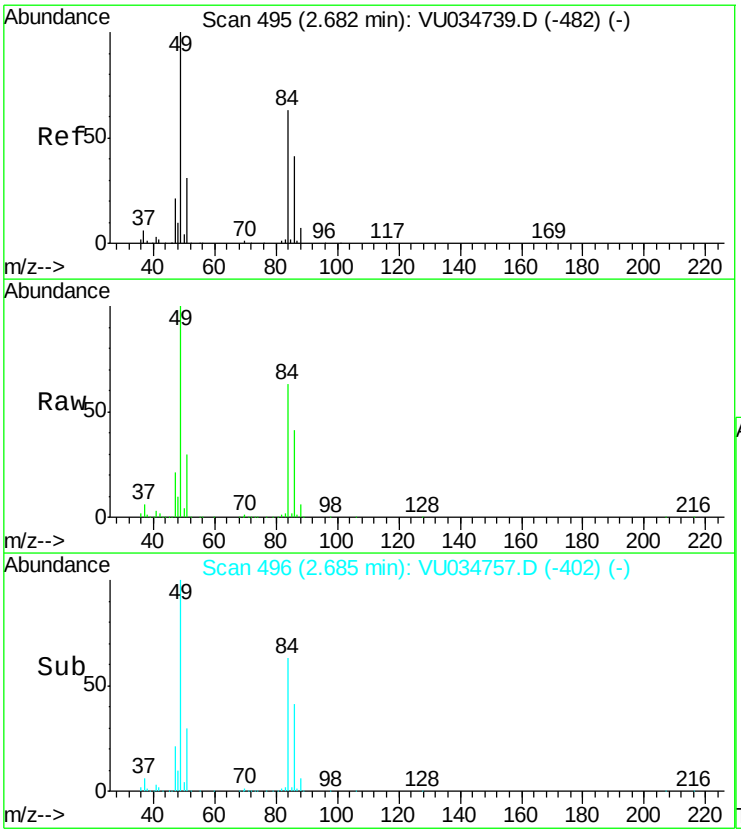
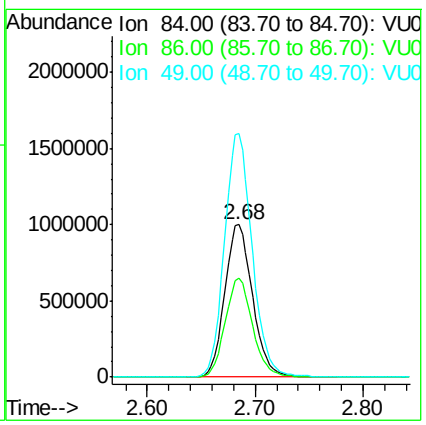
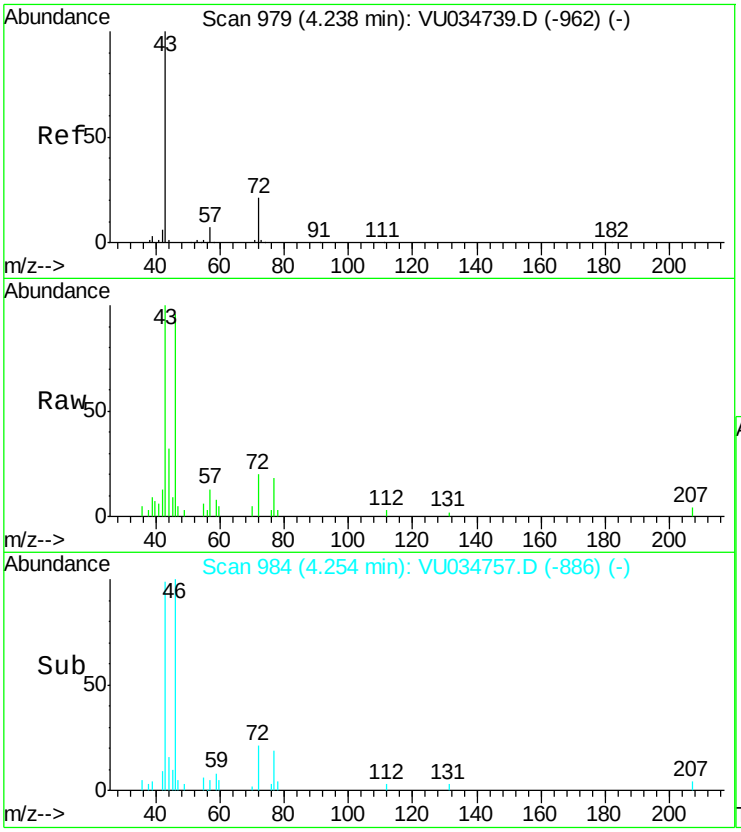


#16
Methylene chloride
Concen: 417.010 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034757.D
Acq: 24 Sep 2019 00:50

Tgt Ion: 84 Resp: 1794900

Ion	Ratio	Lower	Upper
84	100		
86	64.9	43.0	80.0
49	159.5	109.7	203.7

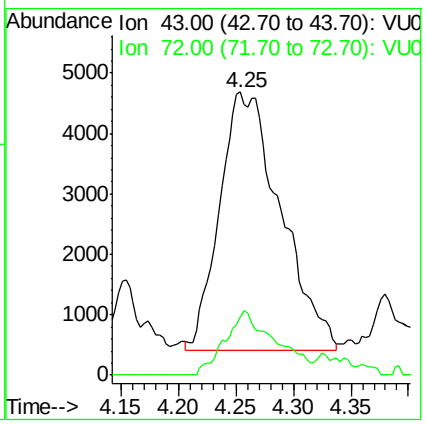




#22
2-Butanone
Concen: 2.797 ug/L m
RT: 4.25 min Scan# 984
Delta R.T. 0.02 min
Lab File: VU034757.D
Acq: 24 Sep 2019 00:50

Tgt Ion: 43 Resp: 15770

Ion	Ratio	Lower	Upper
43	100		
72	0.7	10.2	30.6#



Instrument :
MSVOA_U
ClientSampleId :
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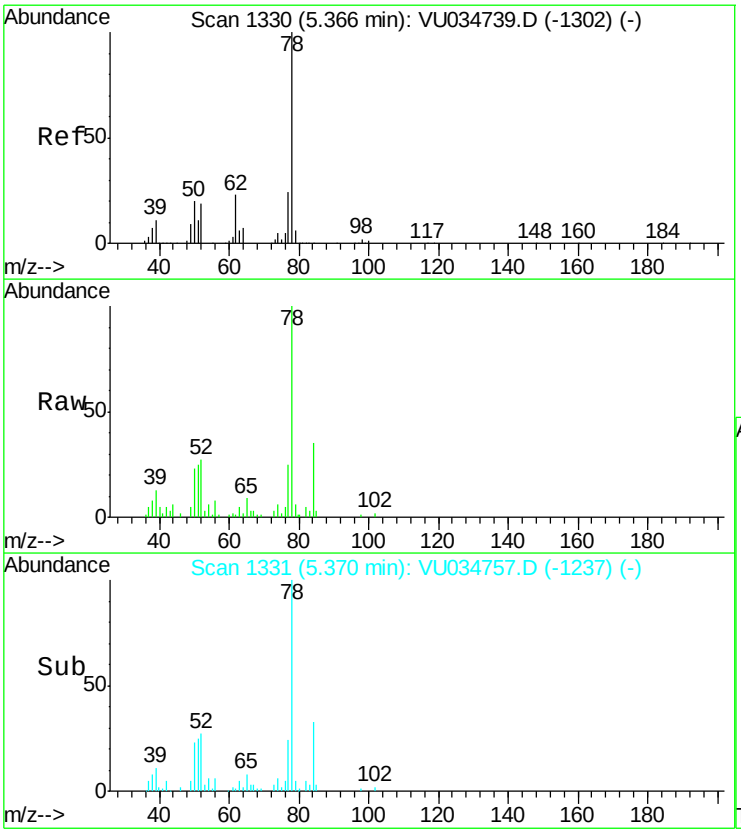
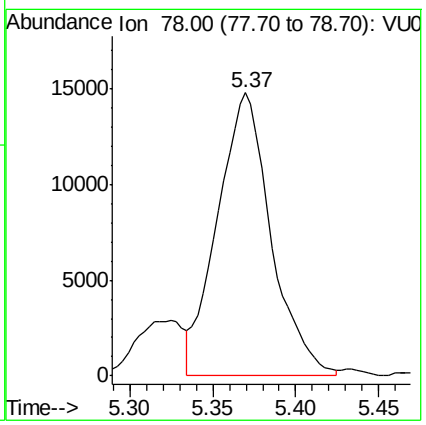
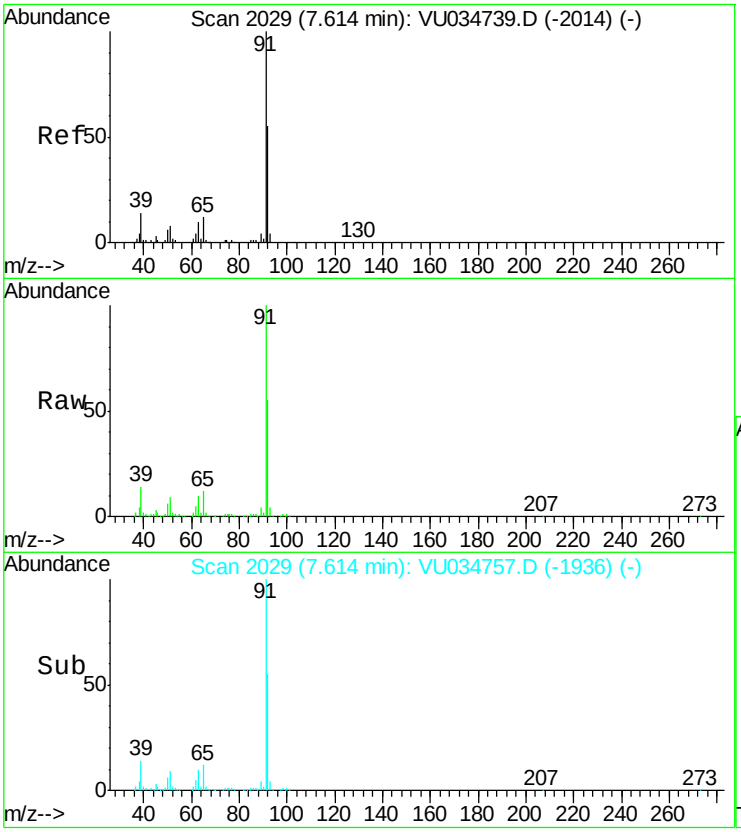


#33
Benzene
Concen: 1.968 ug/L
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034757.D
Acq: 24 Sep 2019 00:50

Tgt Ion: 78 Resp: 33278

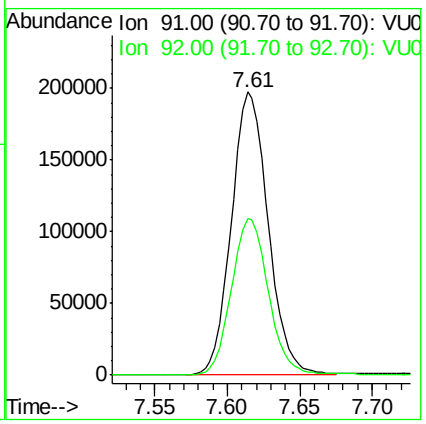




#42
Toluene
Concen: 19.112 ug/L
RT: 7.61 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VU034757.D
Acq: 24 Sep 2019 00:50

Tgt Ion: 91 Resp: 349198

Ion	Ratio	Lower	Upper
91	100		
92	55.5	38.2	71.0



Instrument :
MSVOA_U
ClientSampleId :
BFDM5

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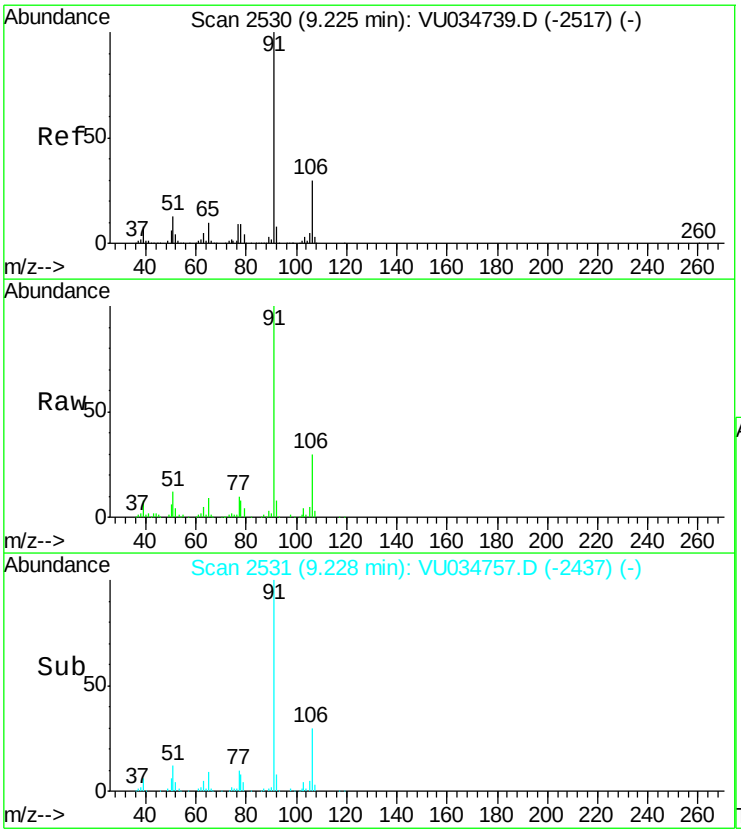
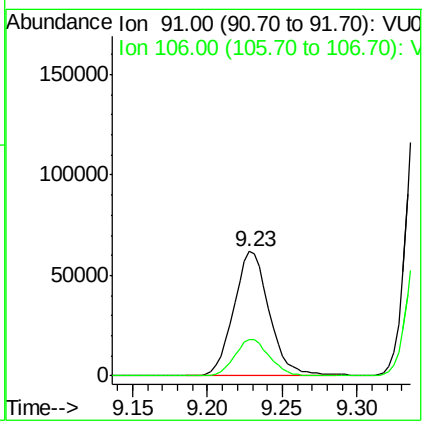
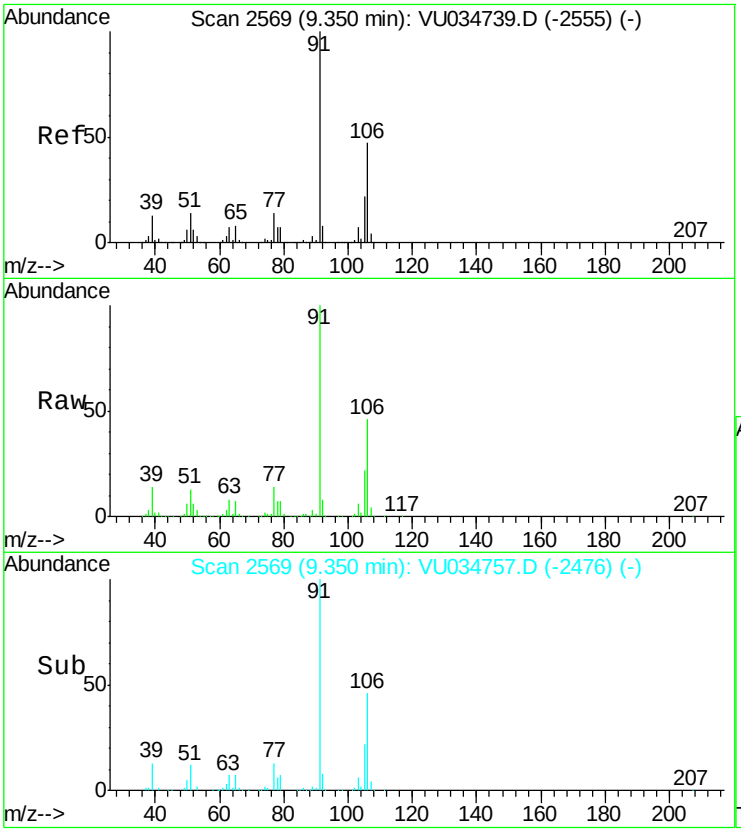


#52
Ethylbenzene
Concen: 4.995 ug/L
RT: 9.23 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU034757.D
Acq: 24 Sep 2019 00:50

Tgt Ion: 91 Resp: 102762

Ion	Ratio	Lower	Upper
91	100		
106	29.5	20.6	38.4

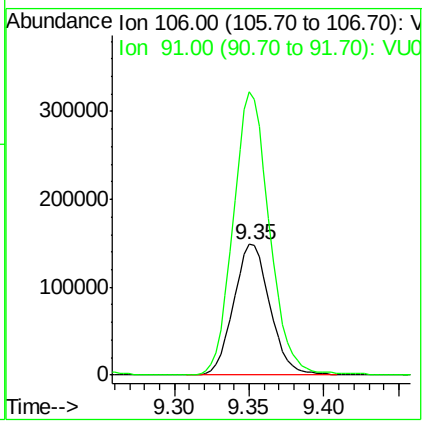




#53
m,p-Xylene
Concen: 34.619 ug/L
RT: 9.35 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU034757.D
Acq: 24 Sep 2019 00:50

Tgt Ion:106 Resp: 252281

Ion	Ratio	Lower	Upper
106	100		
91	216.6	146.9	272.7



Instrument :
MSVOA_U
ClientSampleId :
BFDM5

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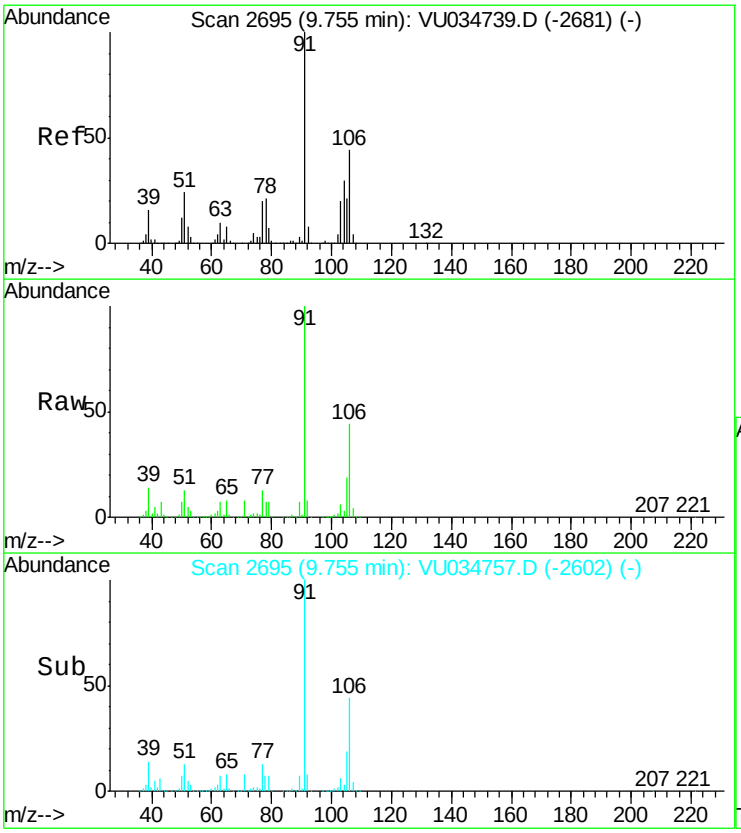
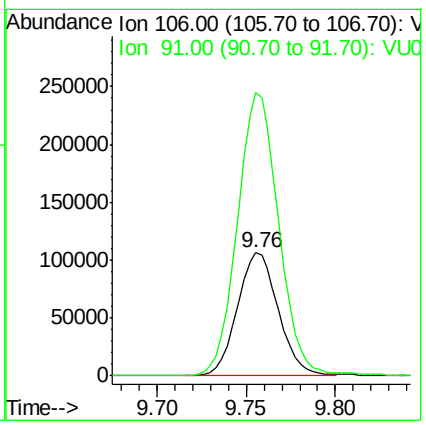
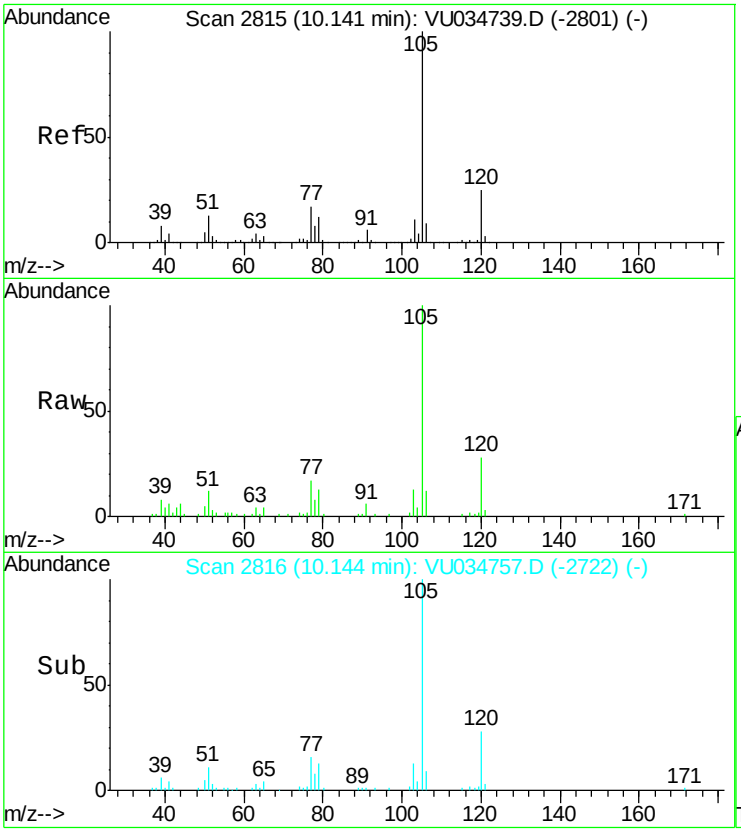


#54
o-xylene
Concen: 23.706 ug/L
RT: 9.76 min Scan# 2695
Delta R.T. -0.00 min
Lab File: VU034757.D
Acq: 24 Sep 2019 00:50

Tgt Ion:106 Resp: 170867

Ion	Ratio	Lower	Upper
106	100		
91	229.5	155.6	289.0





#56
Isopropylbenzene
Concen: 1.406 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. 0.00 min
Lab File: VU034757.D
Acq: 24 Sep 2019 00:50

Tgt Ion:105 Resp: 27318

Ion	Ratio	Lower	Upper
105	100		
120	27.0	20.4	30.6
77	18.9	14.2	21.4

Instrument :
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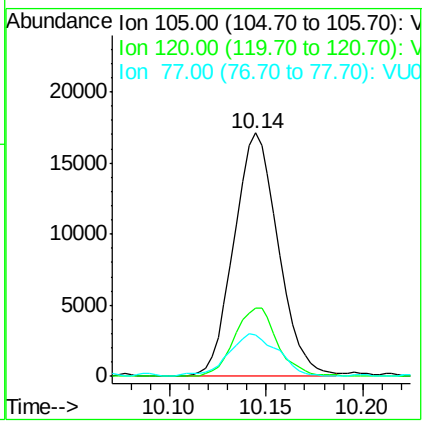

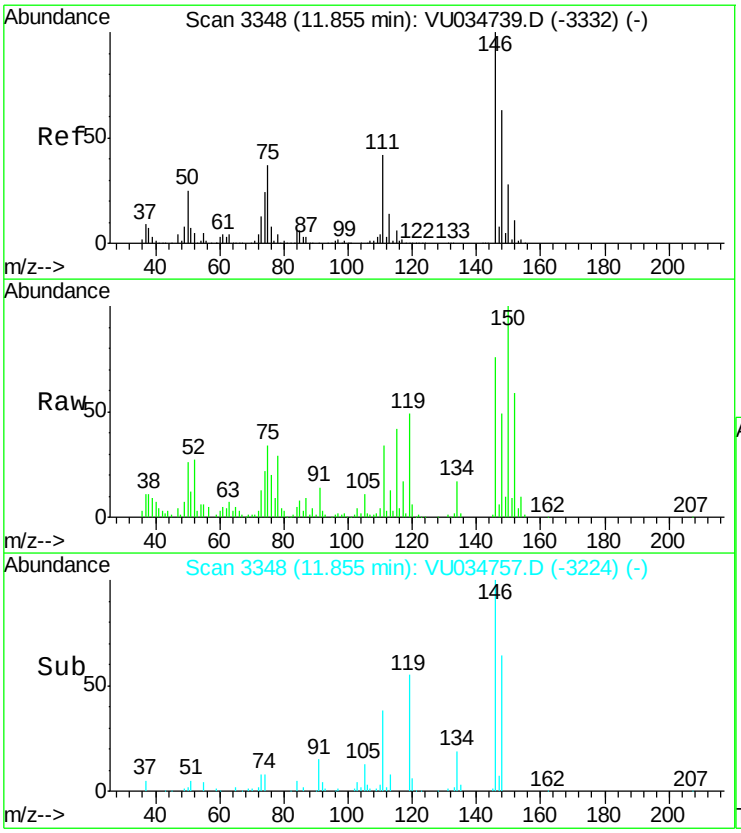

#65
1,2-Dichlorobenzene
Concen: 8.425 ug/L
RT: 11.85 min Scan# 3348
Delta R.T. -0.00 min
Lab File: VU034757.D
Acq: 24 Sep 2019 00:50

Tgt Ion:146 Resp: 68546

Ion	Ratio	Lower	Upper
146	100		
111	44.0	35.2	52.8
148	64.4	53.0	79.6