Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035340.D
Acq On : 21 Oct 2019 23:24
Operator : JC/SP
Sample : K5421-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AC3

Quant Time: Oct 22 07:46:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 06:40:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	282466	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	277545	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99707	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	76598	4.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%			
7) Chloroethane-d5	1.94	69	77438	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.59	63	111347	3.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.00%			
20) 2-Butanone-d5	4.71	46	248287	50.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.32%			
24) Chloroform-d	5.12	84	159298	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.75	65	90381	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.77	84	321439	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.74	67	107121	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	7.94	98	283129	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	8.22	79	40790	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	8.69	63	194849	45.18	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.36%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91897	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	92425	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
13) Acetone	2.67	43	14492	4.209	ug/L	99
16) Methylene chloride	3.09	84	3918	0.179	ug/L	85
42) Toluene	8.01	91	18297	0.203	ug/L	98
53) m,p-Xylene	9.73	106	3275	0.085	ug/L	85
54) o-Xylene	10.13	106	2281	0.060	ug/L	94

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

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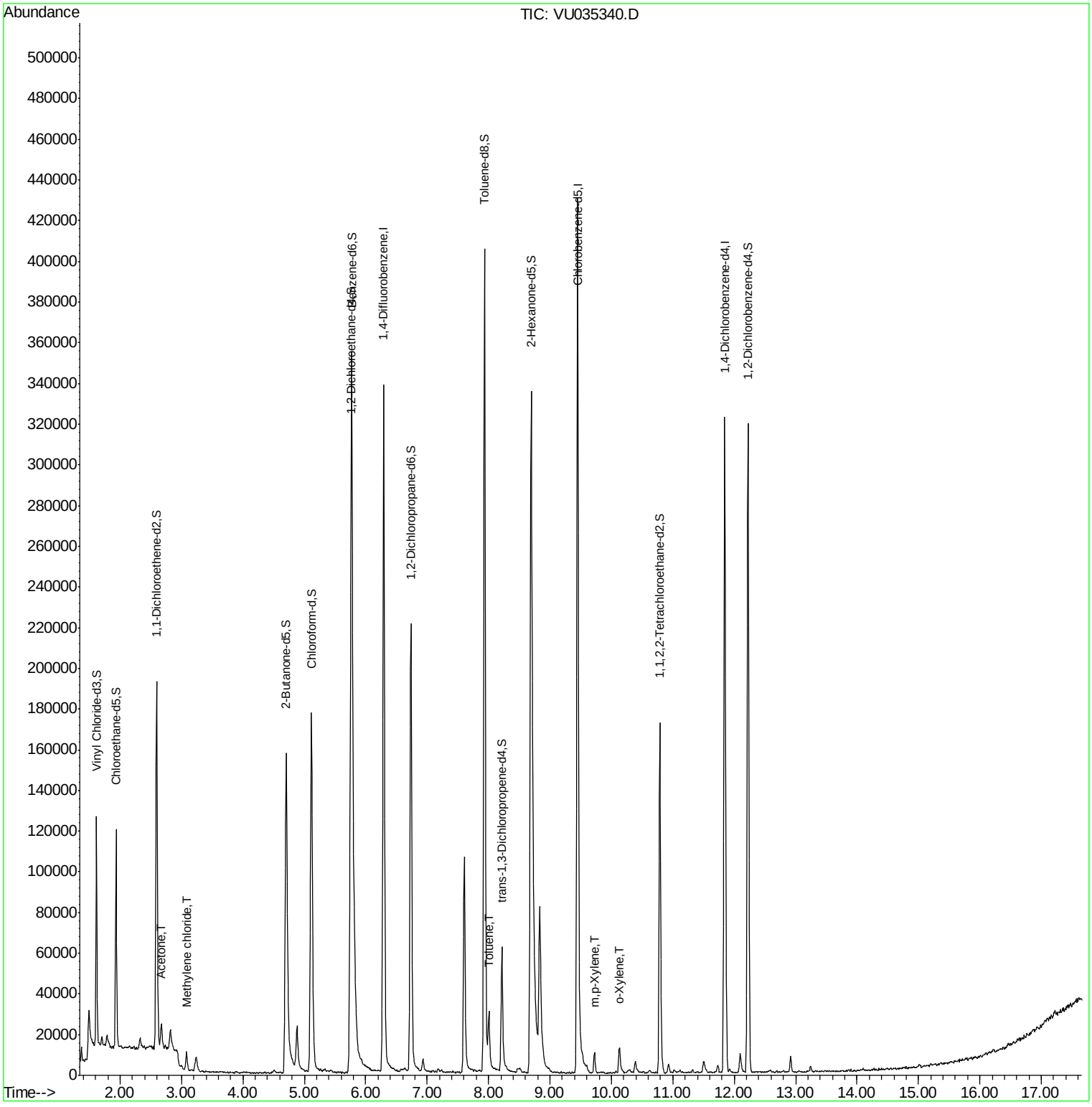
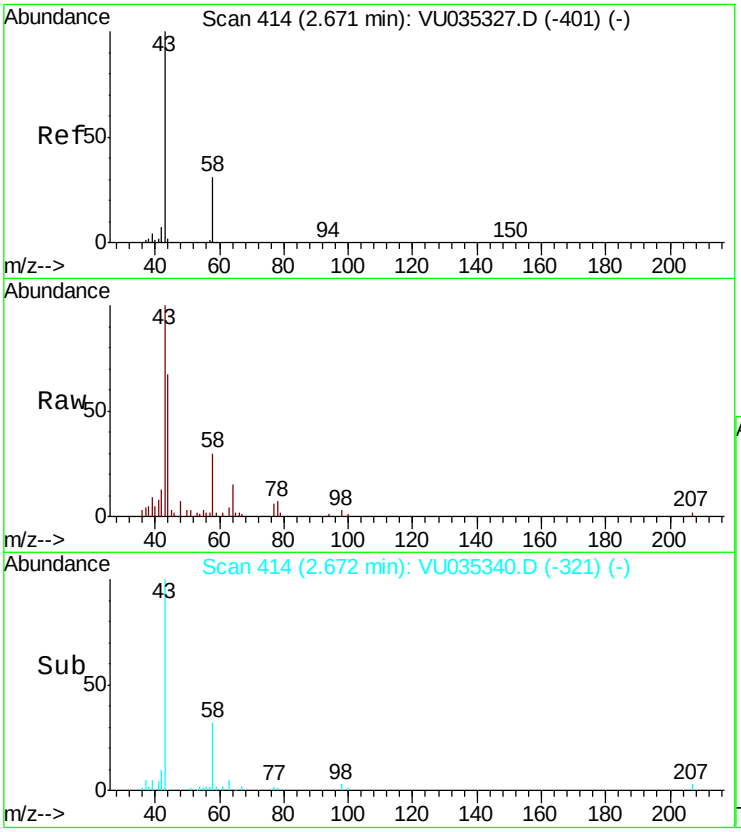


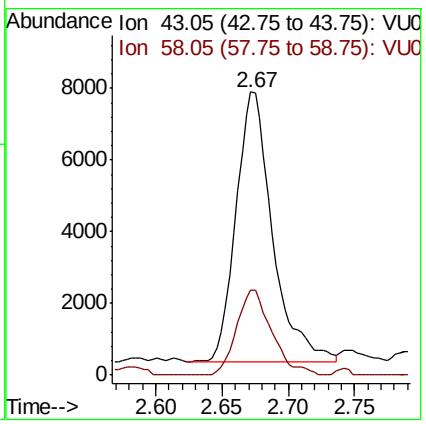


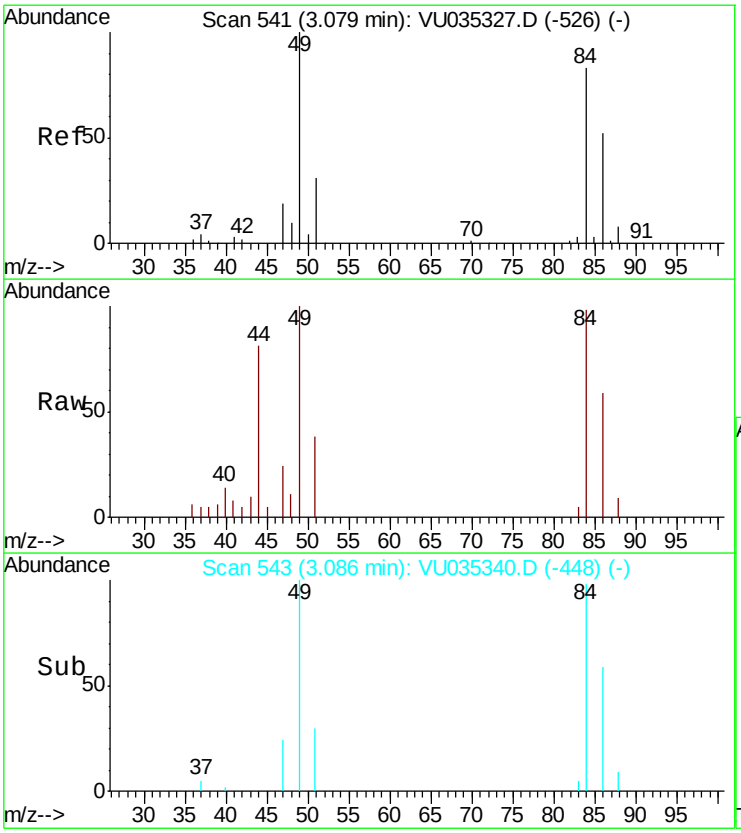
#13
Acetone
Concen: 4.209 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.00 min
Lab File: VU035340.D
Acq: 21 Oct 2019 23:24

Instrument : MSVOA_U
ClientSampleId : C0AC3

Tgt Ion: 43 Resp: 14492

Ion	Ratio	Lower	Upper
43	100		
58	30.3	0.0	61.8

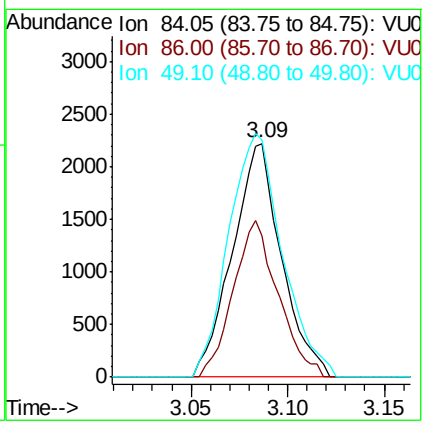


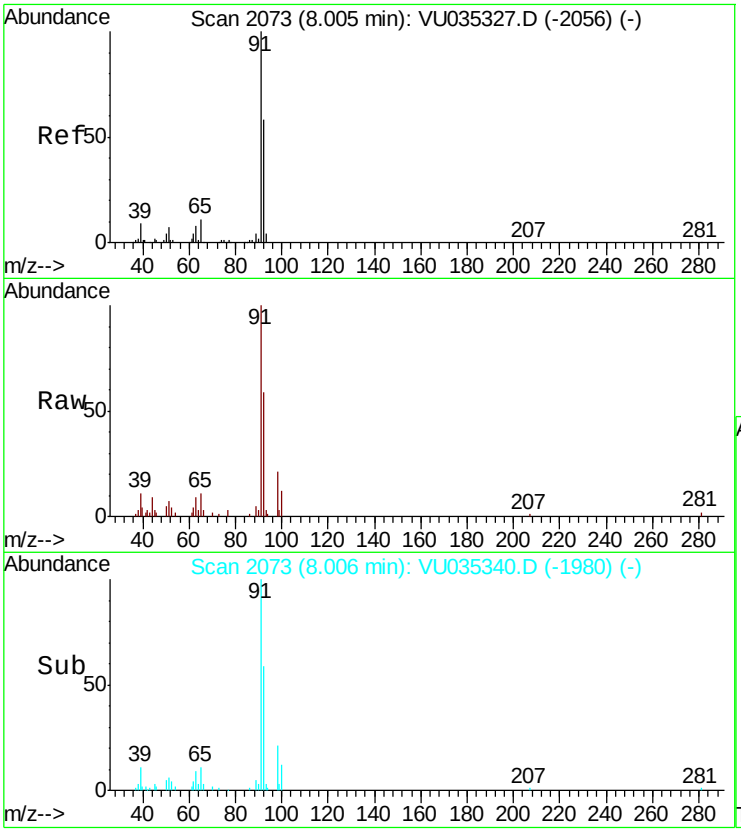


#16
Methylene chloride
Concen: 0.179 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU035340.D
Acq: 21 Oct 2019 23:24

Tgt Ion: 84 Resp: 3918

Ion	Ratio	Lower	Upper
84	100		
86	60.2	45.4	84.2
49	101.7	86.8	161.2



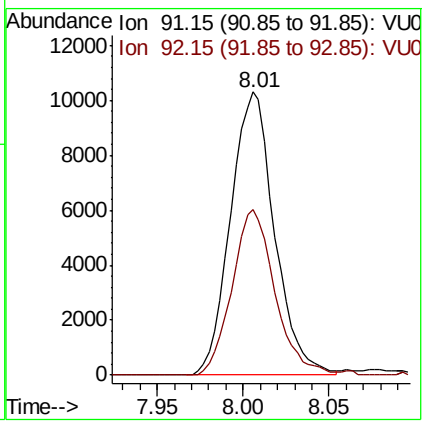


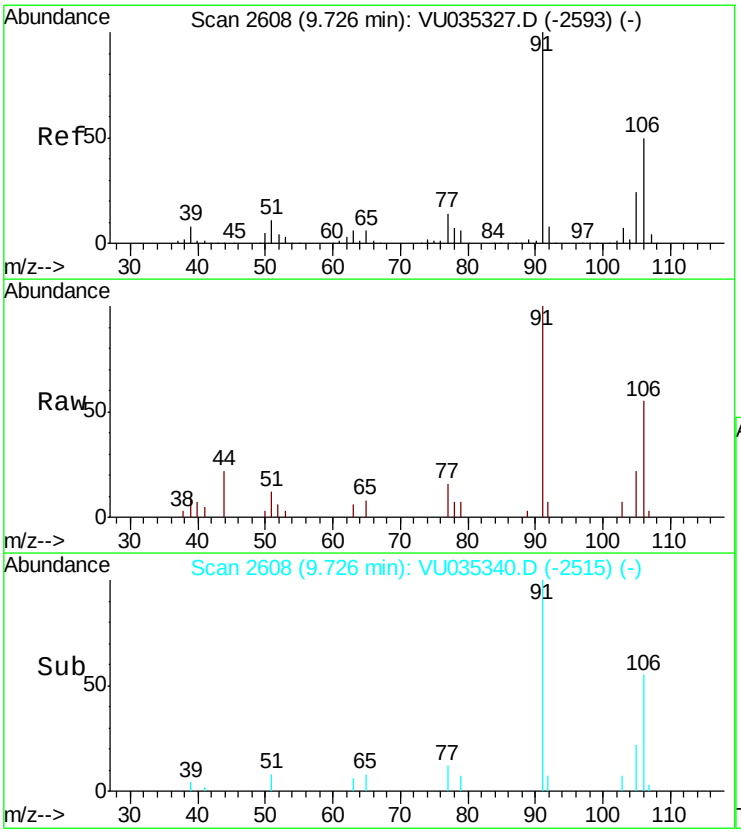
#42
Toluene
Concen: 0.203 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035340.D
Acq: 21 Oct 2019 23:24

Instrument :
MSVOA_U
ClientSampleId :
C0AC3

Tgt Ion: 91 Resp: 18297

Ion	Ratio	Lower	Upper
91	100		
92	58.6	39.9	74.1

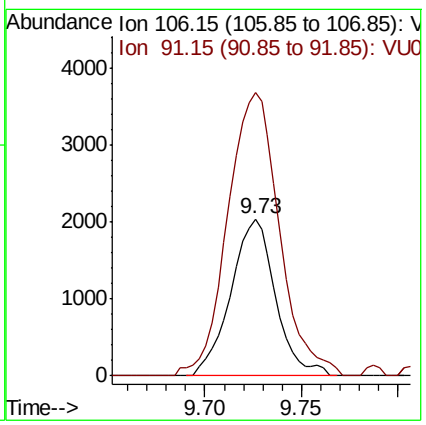


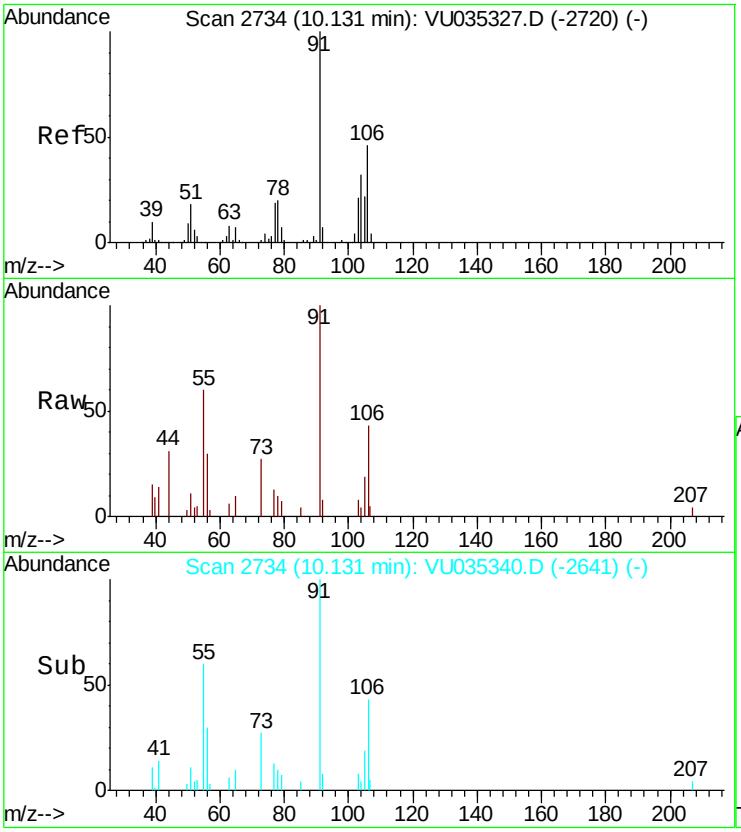


#53
m,p-Xylene
Concen: 0.085 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035340.D
Acq: 21 Oct 2019 23:24

Tgt Ion:106 Resp: 3275

Ion	Ratio	Lower	Upper
106	100		
91	180.4	142.0	263.6





#54
o-Xylene
Concen: 0.060 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU035340.D
Acq: 21 Oct 2019 23:24

Instrument :
MSVOA_U
ClientSampleId :
C0AC3

Tgt Ion:106 Resp: 2281

Ion	Ratio	Lower	Upper
106	100		
91	209.8	153.2	284.6