Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032521.D
Acq On : 07 Jun 2019 01:21
Operator : JC/SP
Sample : K3215-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8J2

Quant Time: Jun 07 07:18:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	195218	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	182131	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96188	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	38140	30.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 60.22%			
7) Chloroethane-d5	1.68	69	36688	36.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 72.10%			
11) 1,1-Dichloroethene-d2	2.27	63	65155	26.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.54%#			
21) 2-Butanone-d5	4.17	46	105512	99.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.55%			
24) Chloroform-d	4.64	84	103386	43.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.54%			
26) 1,2-Dichloroethane-d4	5.30	65	72008	48.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.78%			
32) Benzene-d6	5.33	84	205141	43.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.78%			
36) 1,2-Dichloropropane-d6	6.32	67	70266	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.78%			
41) Toluene-d8	7.56	98	191644	42.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.50%			
43) trans-1,3-Dichloropropene-	7.85	79	30533	43.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.06%			
47) 2-Hexanone-d5	8.31	63	71074	98.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.83%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109107	50.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.58%			
64) 1,2-Dichlorobenzene-d4	11.85	152	88663	48.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.24%			
Target Compounds						Qvalue
13) Acetone	2.32	43	1788	1.635	ug/L	96
34) Trichloroethene	6.19	95	903	0.649	ug/L	85
46) Tetrachloroethene	8.22	164	604	0.525	ug/L	87
52) Ethylbenzene	9.25	91	3498	0.560	ug/L	99
53) m,p-Xylene	9.37	106	5236	2.204	ug/L	96
54) o-xylene	9.77	106	6954	2.949	ug/L	93
56) Isopropylbenzene	10.16	105	45385	7.298	ug/L	99

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

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Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
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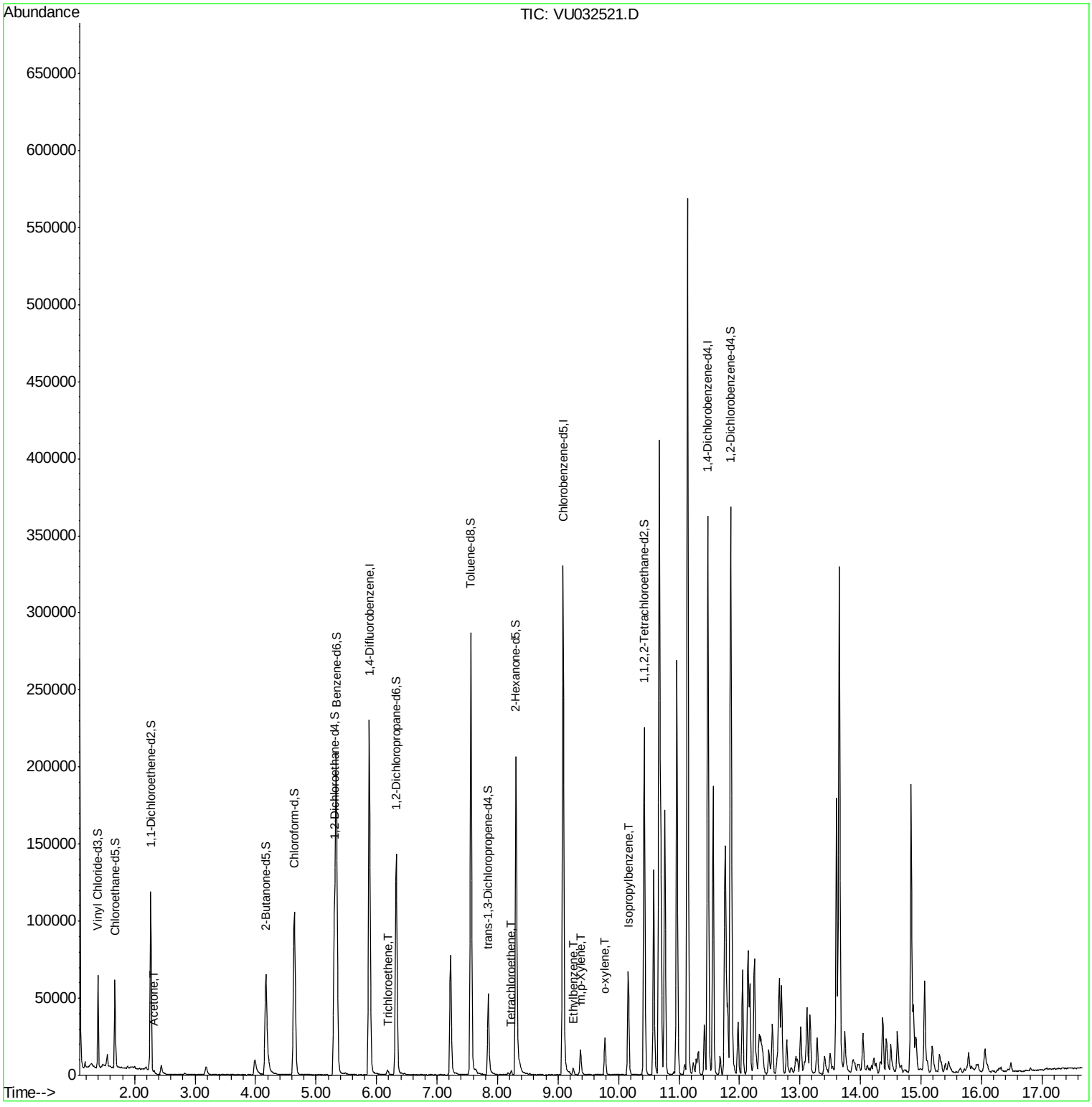
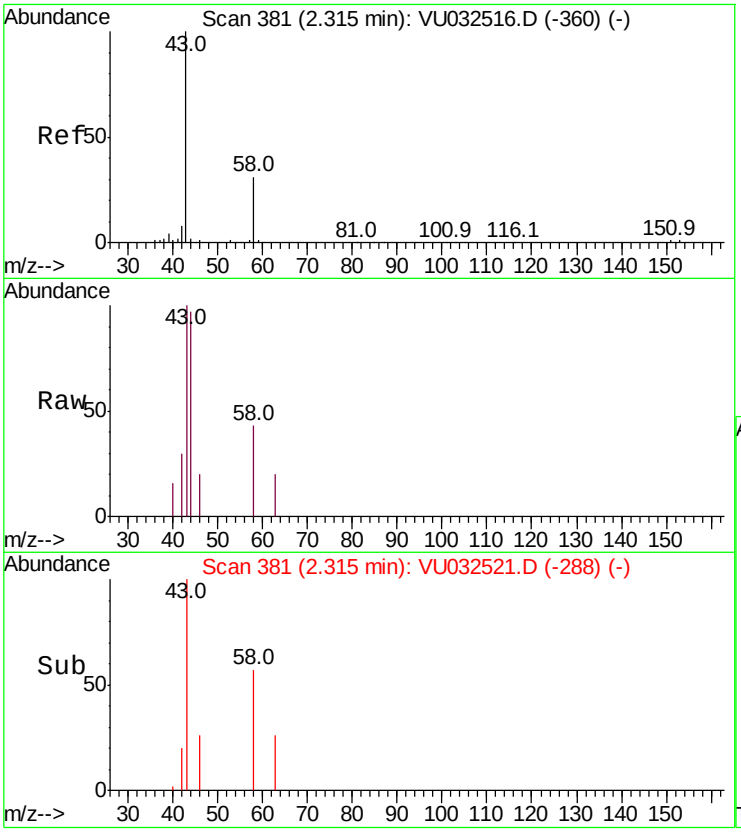


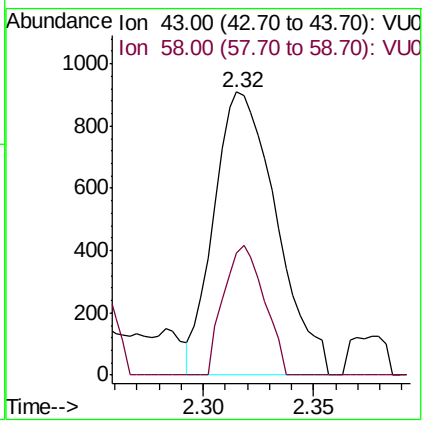


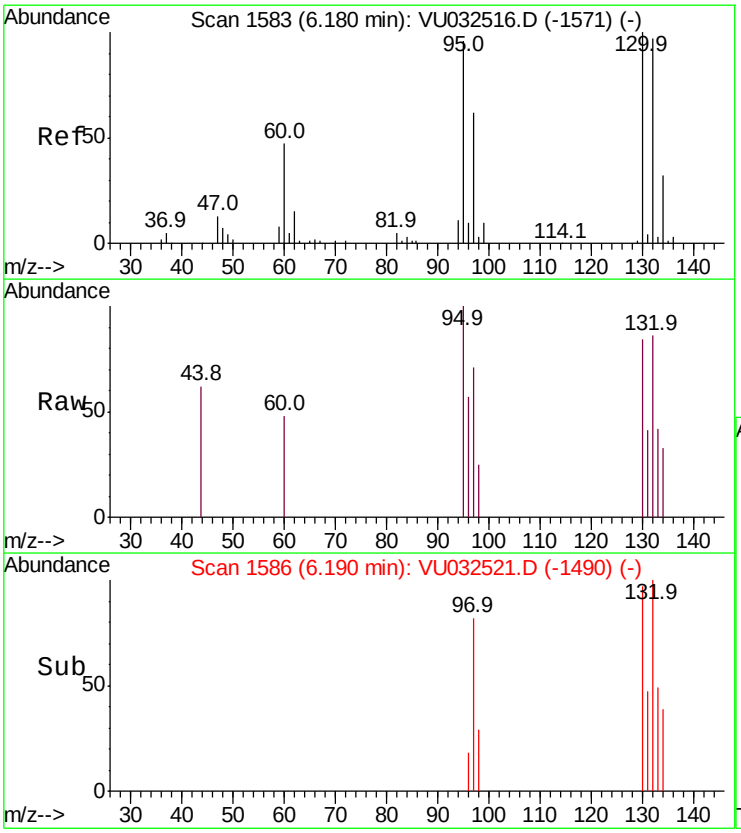
#13
Acetone
Concen: 1.635 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU032521.D
Acq: 07 Jun 2019 01:21

Instrument : MSVOA_U
ClientSampleId : DB8J2

Tgt Ion: 43 Resp: 1788

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	64.0

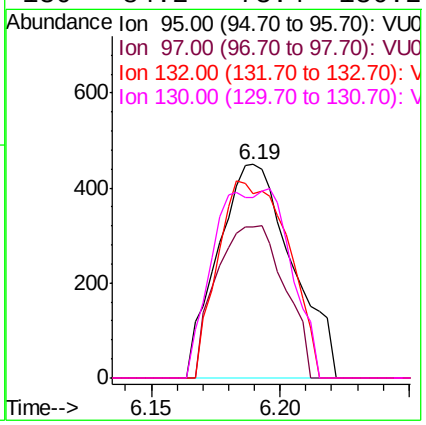


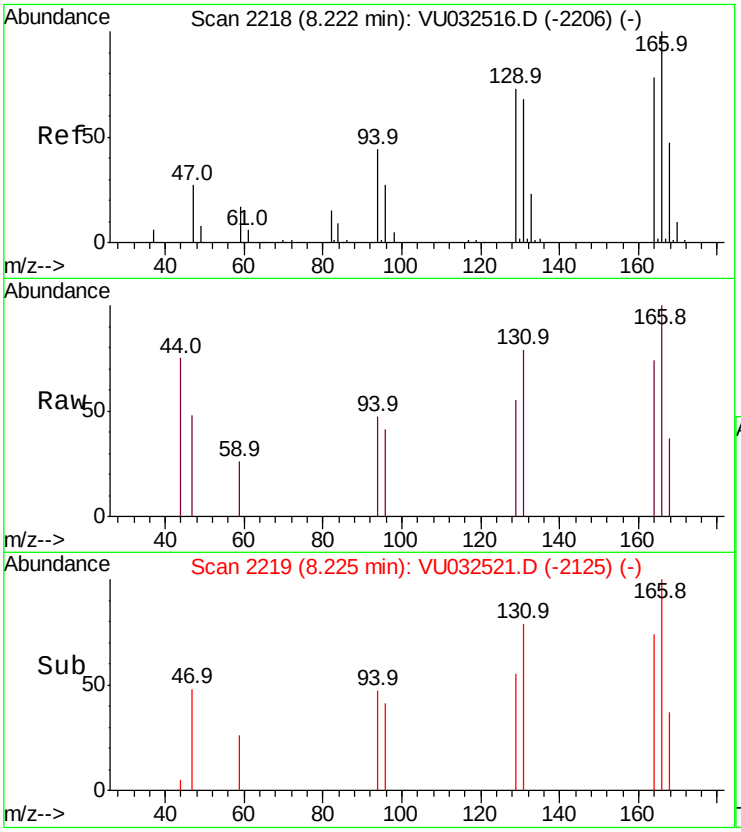


#34
Trichloroethene
Concen: 0.649 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU032521.D
Acq: 07 Jun 2019 01:21

Tgt Ion: 95 Resp: 903

Ion	Ratio	Lower	Upper
95	100		
97	70.9	45.8	85.2
132	86.4	71.0	131.8
130	84.2	73.4	136.2



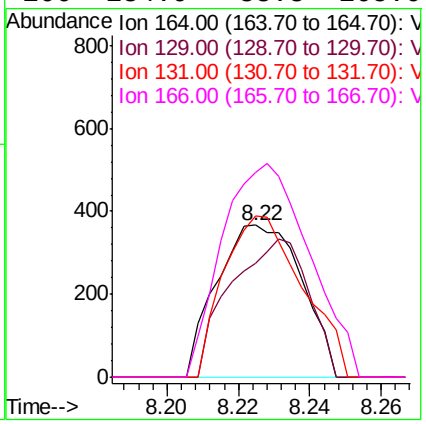


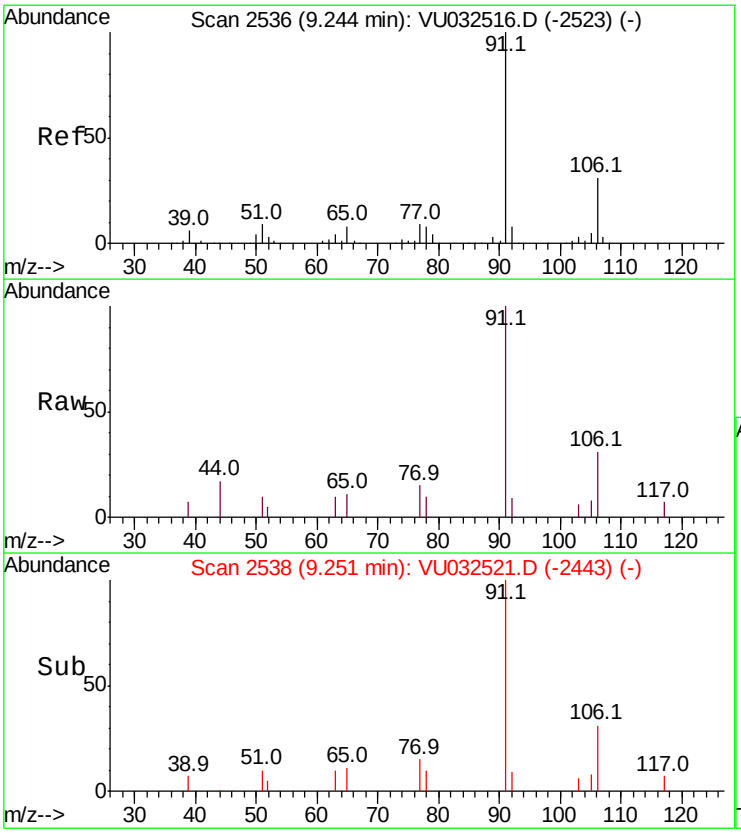
#46
Tetrachloroethene
Concen: 0.525 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032521.D
Acq: 07 Jun 2019 01:21

Instrument : MSVOA_U
ClientSampleId : DB8J2

Tgt Ion:164 Resp: 604

Ion	Ratio	Lower	Upper
164	100		
129	74.7	65.3	121.3
131	106.3	64.0	119.0
166	134.9	88.8	165.0

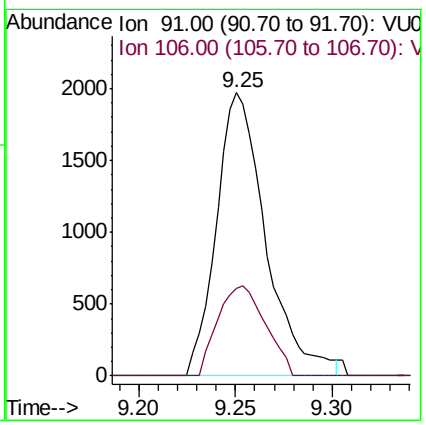


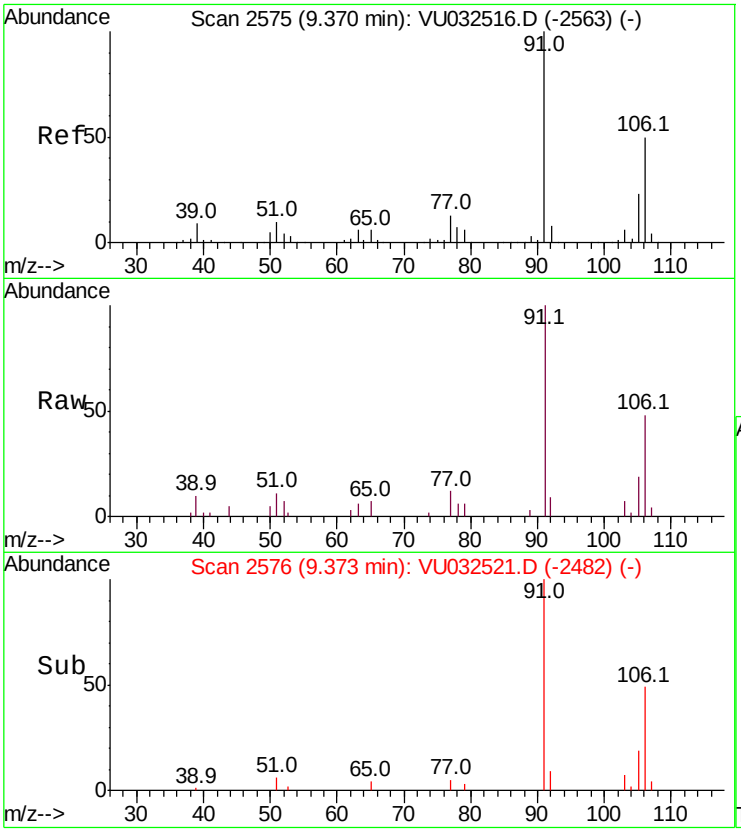


#52
Ethylbenzene
Concen: 0.560 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.01 min
Lab File: VU032521.D
Acq: 07 Jun 2019 01:21

Tgt Ion: 91 Resp: 3498

Ion	Ratio	Lower	Upper
91	100		
106	30.7	22.0	41.0



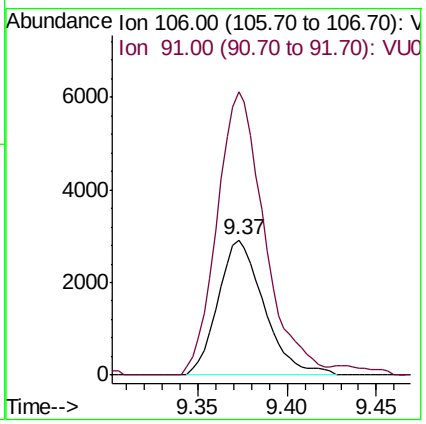


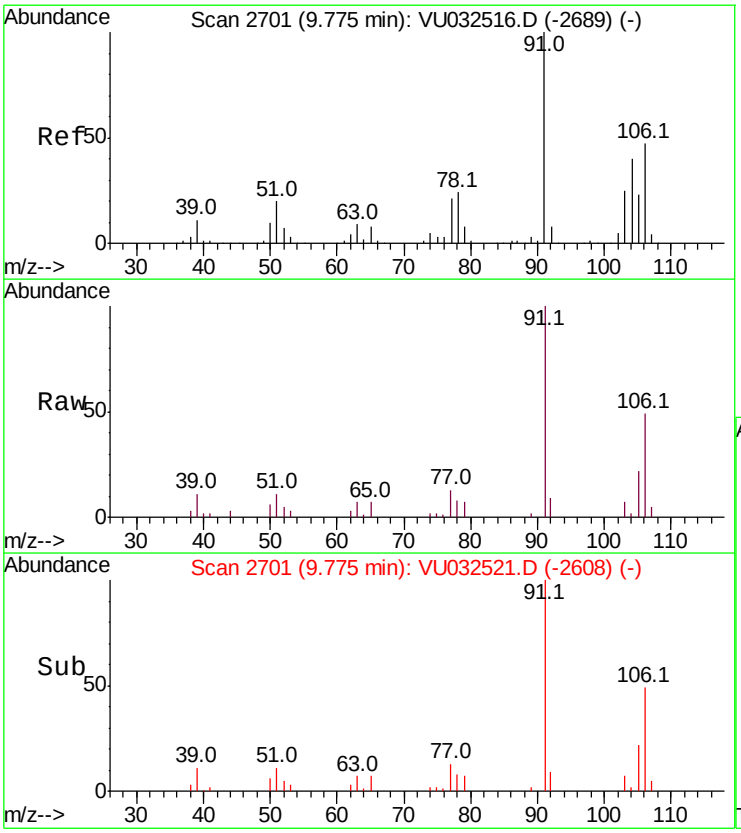
#53
m,p-Xylene
Concen: 2.204 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU032521.D
Acq: 07 Jun 2019 01:21

Instrument :
MSVOA_U
ClientSampleId :
DB8J2

Tgt Ion:106 Resp: 5236

Ion	Ratio	Lower	Upper
106	100		
91	209.0	141.7	263.1

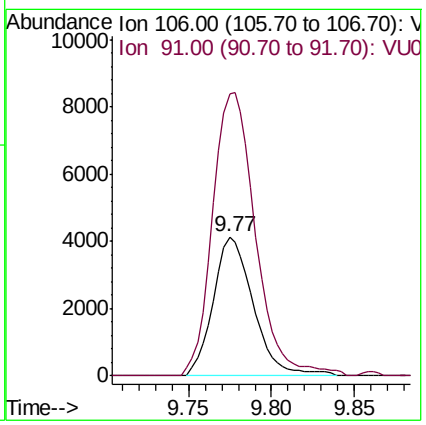


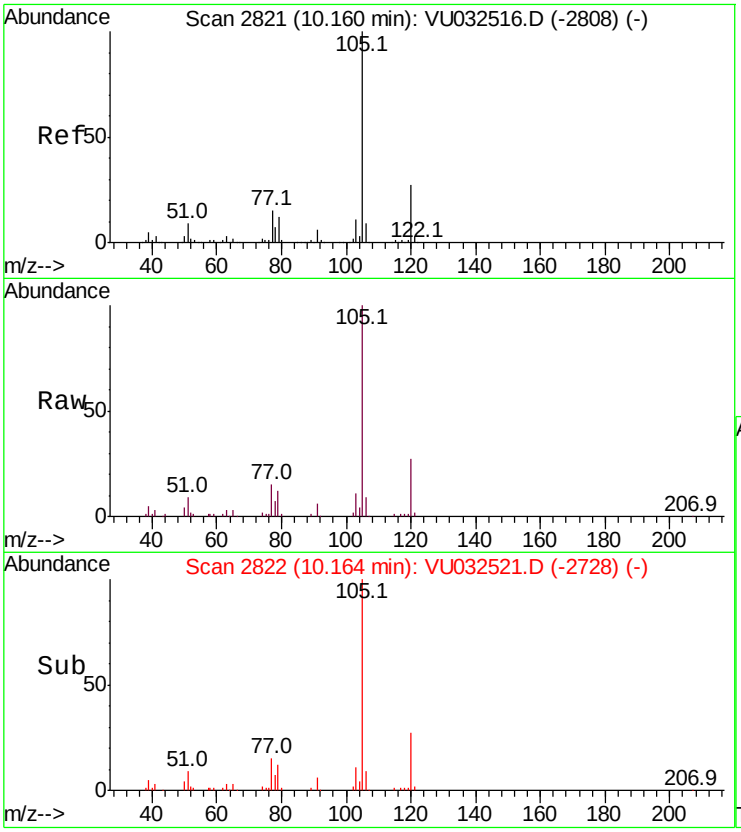


#54
o-xylene
Concen: 2.949 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU032521.D
Acq: 07 Jun 2019 01:21

Tgt Ion:106 Resp: 6954

Ion	Ratio	Lower	Upper
106	100		
91	203.2	150.1	278.7





#56
Isopropylbenzene
Concen: 7.298 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032521.D
Acq: 07 Jun 2019 01:21

Instrument :
MSVOA_U
ClientSampleId :
DB8J2

Tgt Ion:105 Resp: 45385

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.6	32.4
77	15.3	12.4	18.6