Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062419\
Data File : VU032995.D
Acq On : 24 Jun 2019 10:32
Operator : JC/SP
Sample : K3478-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF21

Quant Time: Jun 25 09:50:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:22:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	197697	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194260	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94187	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	40454	29.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 59.88%#			
7) Chloroethane-d5	1.68	69	39453	36.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 73.22%			
11) 1,1-Dichloroethene-d2	2.27	63	68858	25.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 50.60%#			
21) 2-Butanone-d5	4.17	46	120260	106.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.94%			
24) Chloroform-d	4.64	84	114215	43.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.96%			
26) 1,2-Dichloroethane-d4	5.30	65	82193	46.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.96%			
32) Benzene-d6	5.33	84	209846	41.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.88%			
36) 1,2-Dichloropropane-d6	6.32	67	72266	44.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.60%			
41) Toluene-d8	7.56	98	184802	38.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.94%#			
43) trans-1,3-Dichloropropene-	7.85	79	34516	41.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.26%			
47) 2-Hexanone-d5	8.31	63	71082	94.37	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.37%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	117068	46.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.88%			
64) 1,2-Dichlorobenzene-d4	11.86	152	82293	45.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.30%			
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.98	96	1785	1.322	ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	52121	35.439	ug/L	96
34) Trichloroethene	6.18	95	57905	38.727	ug/L	100
42) Toluene	7.64	91	3487	0.576	ug/L	100
53) m,p-Xylene	9.37	106	4475	1.770	ug/L	91
54) o-xylene	9.78	106	2158	0.874	ug/L	85

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

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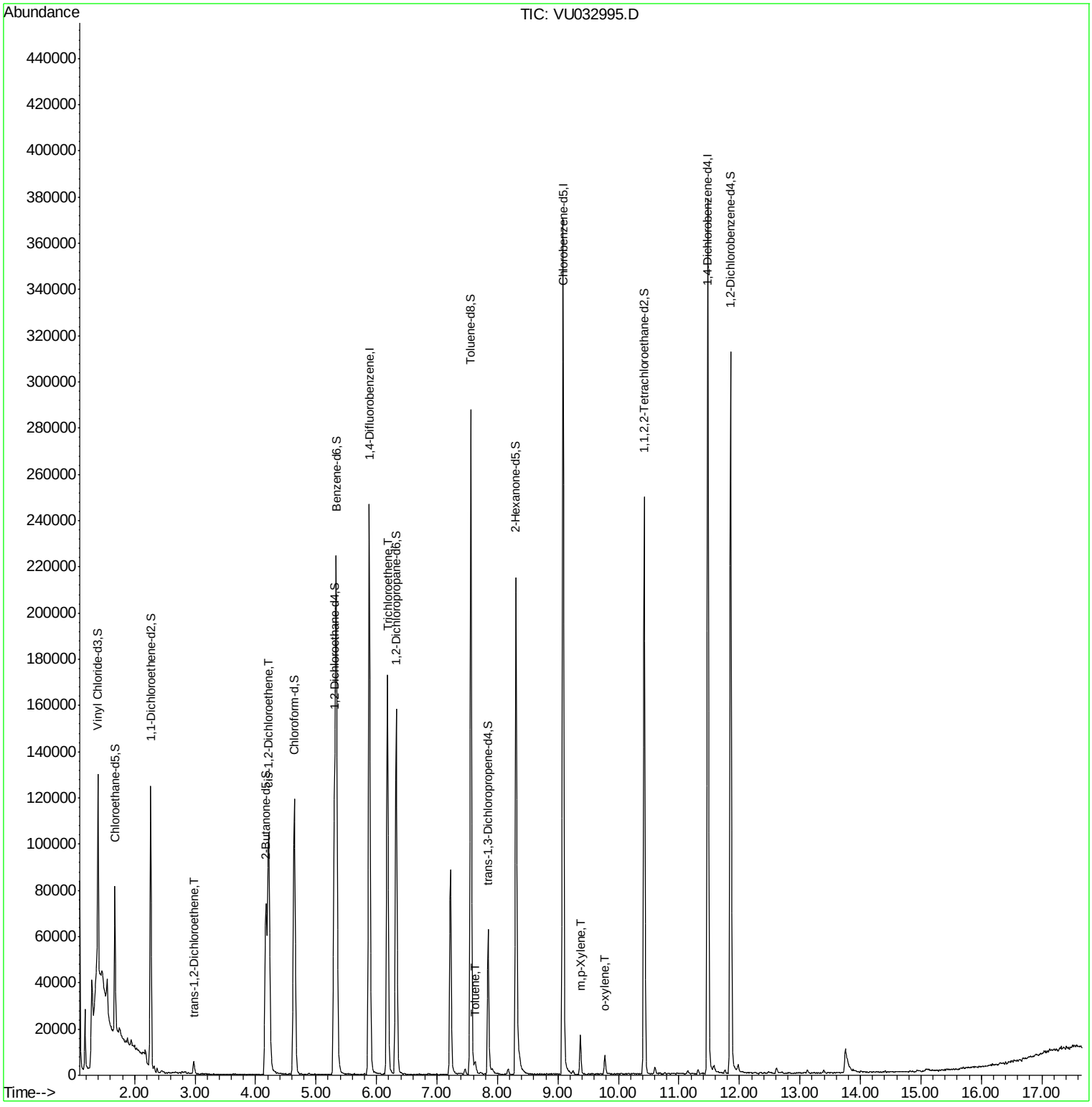
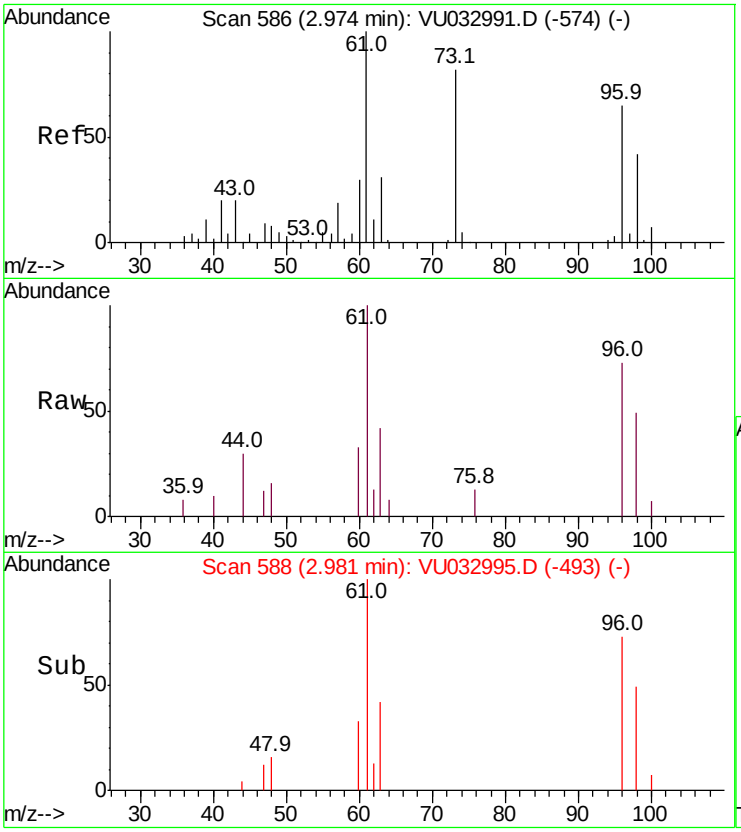


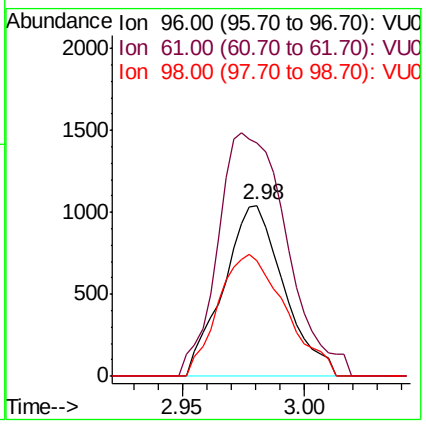


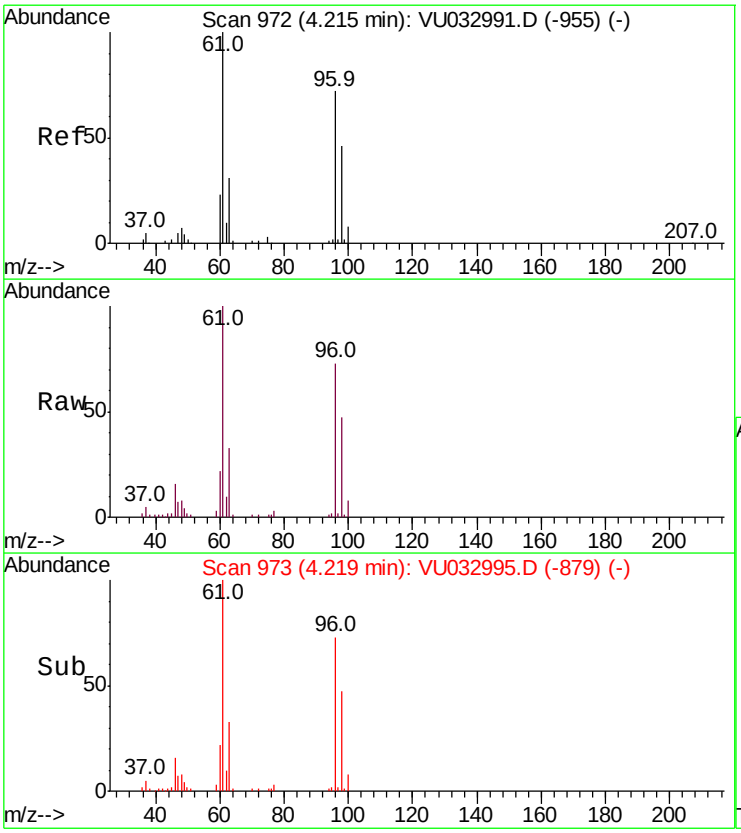
#17
trans-1,2-Dichloroethene
Concen: 1.322 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.01 min
Lab File: VU032995.D
Acq: 24 Jun 2019 10:32

Instrument :
MSVOA_U
ClientSampleId :
ETF21

Tgt Ion: 96 Resp: 1785

Ion	Ratio	Lower	Upper
96	100		
61	136.6	100.9	187.5
98	67.3	44.0	81.8

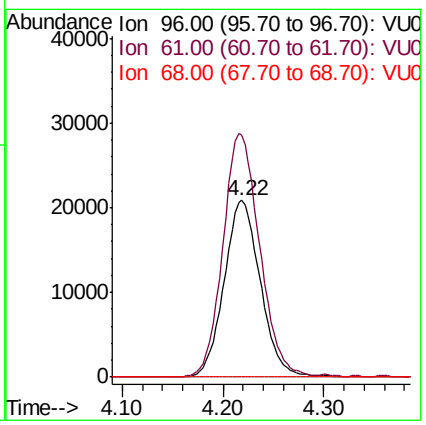


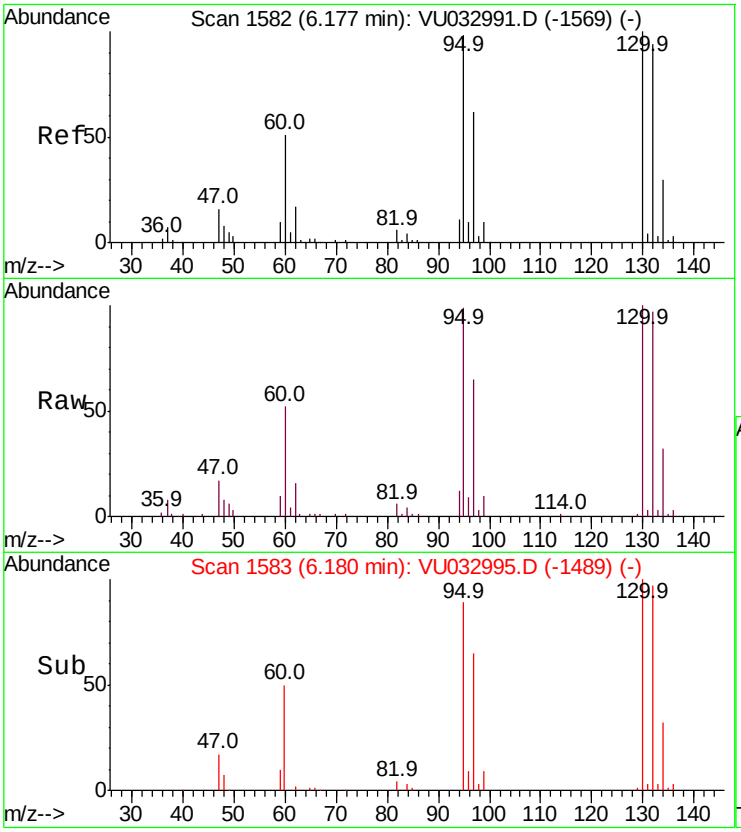


#20
cis-1,2-Dichloroethene
Concen: 35.439 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032995.D
Acq: 24 Jun 2019 10:32

Tgt Ion: 96 Resp: 52121

Ion	Ratio	Lower	Upper
96	100		
61	137.2	92.4	171.6
68	0.0	0.0	0.0



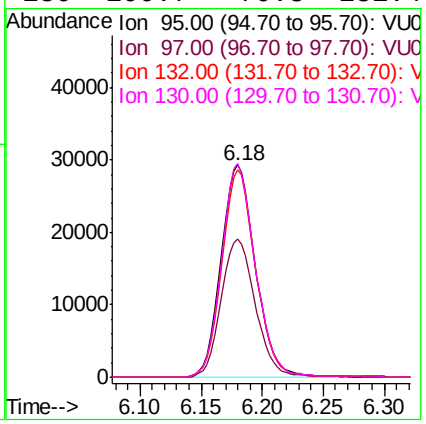


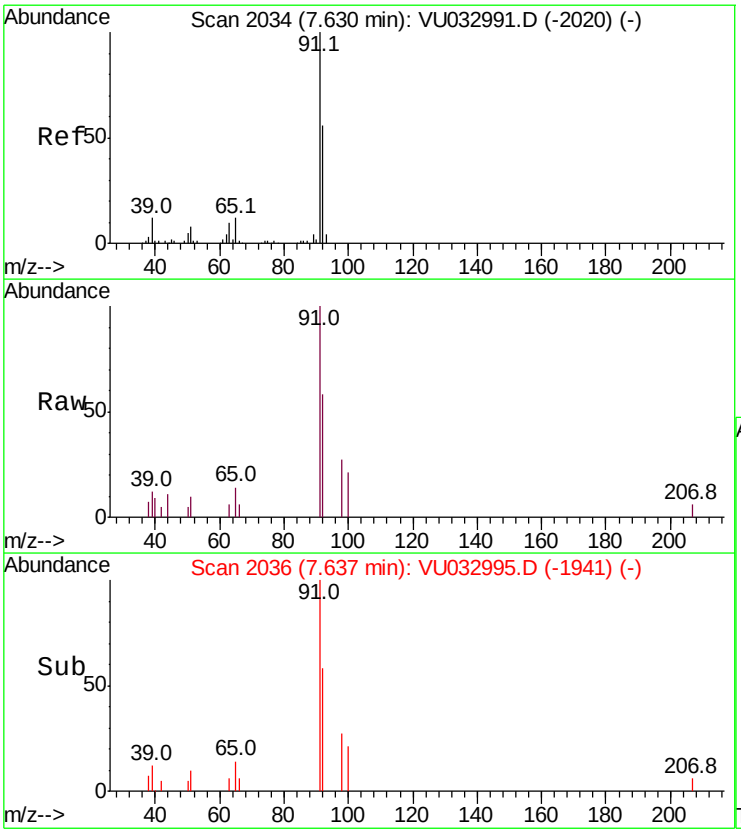
#34
Trichloroethene
Concen: 38.727 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032995.D
Acq: 24 Jun 2019 10:32

Instrument :
MSVOA_U
ClientSampleId :
ETF21

Tgt Ion: 95 Resp: 57905

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.9	85.3
132	98.1	68.5	127.3
130	100.7	70.8	131.4

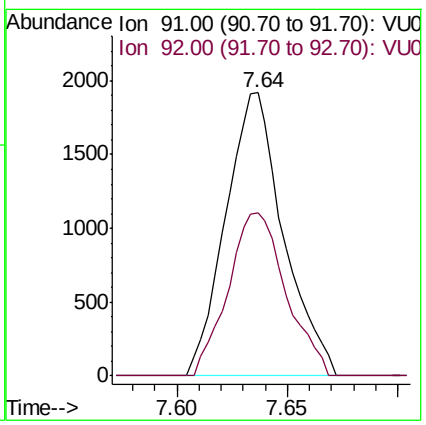


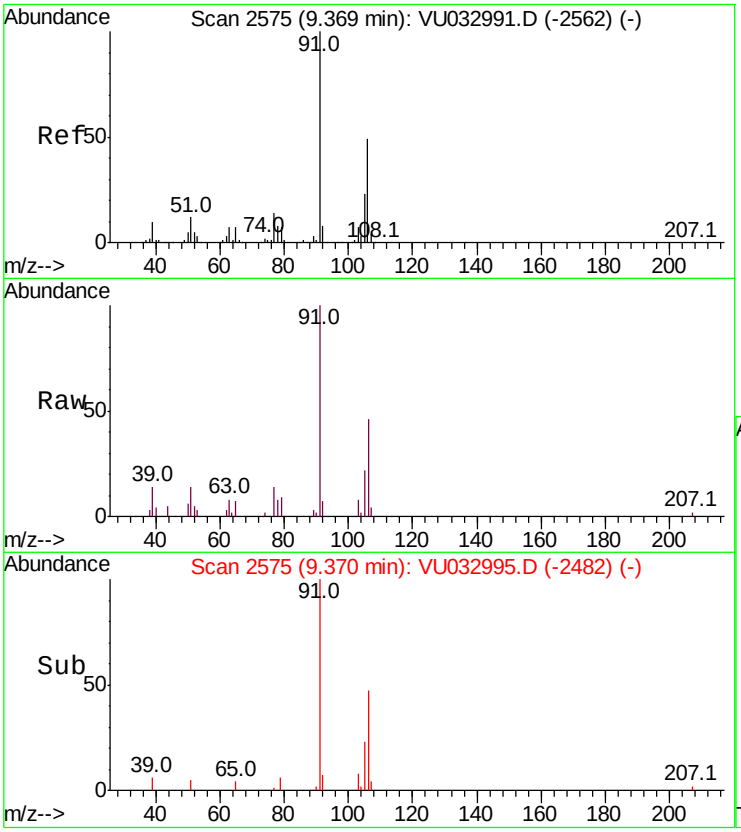


#42
Toluene
Concen: 0.576 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VU032995.D
Acq: 24 Jun 2019 10:32

Tgt Ion: 91 Resp: 3487

Ion	Ratio	Lower	Upper
91	100		
92	57.5	40.4	75.0



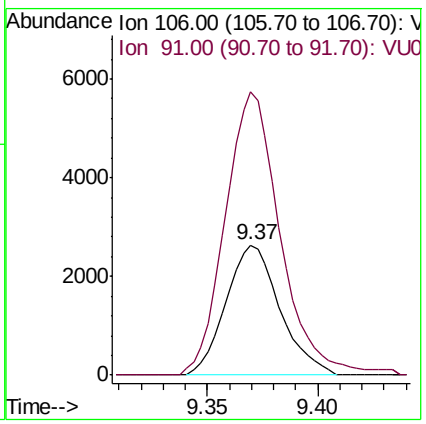


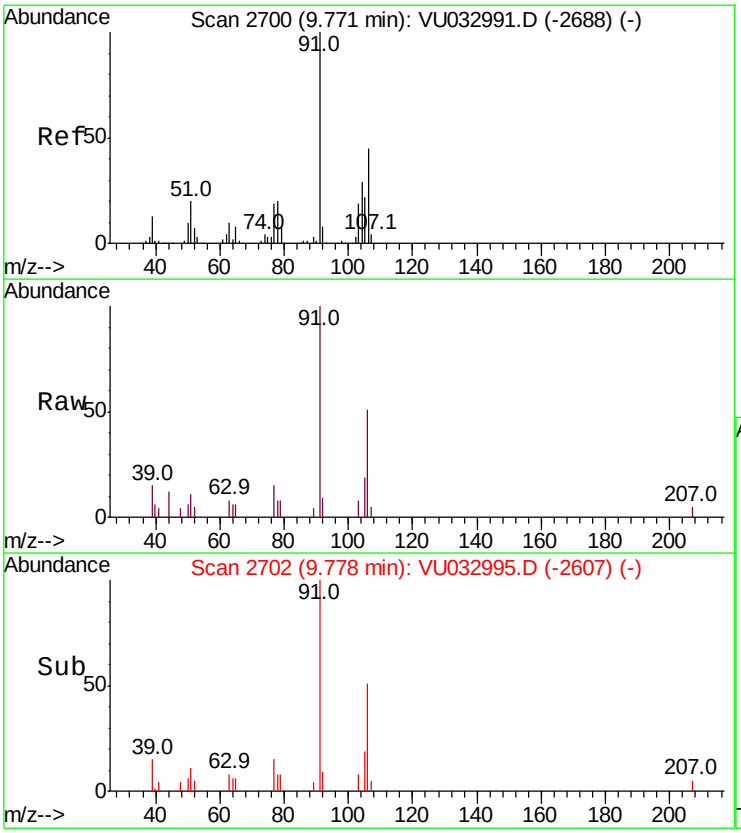
#53
m,p-Xylene
Concen: 1.770 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. 0.00 min
Lab File: VU032995.D
Acq: 24 Jun 2019 10:32

Instrument : MSVOA_U
ClientSampleId : ETF21

Tgt Ion:106 Resp: 4475

Ion	Ratio	Lower	Upper
106	100		
91	217.8	142.9	265.5





#54
o-xylene
Concen: 0.874 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.01 min
Lab File: VU032995.D
Acq: 24 Jun 2019 10:32

Tgt Ion:106 Resp: 2158

Ion	Ratio	Lower	Upper
106	100		
91	194.8	152.9	284.1