Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032358.D
Acq On : 29 May 2019 14:05
Operator : JC/SP
Sample : K3045-11 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C55

Quant Time: May 30 08:33:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	420121	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	396390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194551	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	137050	5.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 116.20%			
7) Chloroethane-d5	1.68	69	118236	5.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.40%			
11) 1,1-Dichloroethene-d2	2.27	63	201046	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.40%			
20) 2-Butanone-d5	4.19	46	337721	50.74	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.48%			
24) Chloroform-d	4.64	84	254922	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
26) 1,2-Dichloroethane-d4	5.31	65	131724	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
32) Benzene-d6	5.33	84	557237	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
36) 1,2-Dichloropropane-d6	6.33	67	159861	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.40%			
41) Toluene-d8	7.56	98	505219	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	7.85	79	60080	4.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.60%			
46) 2-Hexanone-d5	8.31	63	271947	51.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.90%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	130816	3.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 72.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	202590	3.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 75.60%#			
Target Compounds						Qvalue
30) Cyclohexane	4.98	56	27700	1.440	ug/L #	78
33) Benzene	5.38	78	273275	5.096	ug/L	100
35) Methylcyclohexane	6.41	83	17530	0.827	ug/L #	79
42) Toluene	7.64	91	8483	0.149	ug/L	100
52) Ethylbenzene	9.24	91	250868	4.374	ug/L	98
53) m,p-Xylene	9.37	106	176161	8.260	ug/L	93
54) o-Xylene	9.78	106	3409	0.160	ug/L	87
56) Isopropylbenzene	10.16	105	69799	1.296	ug/L	99

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

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Quant Title : TRACE VOA SOM01.0
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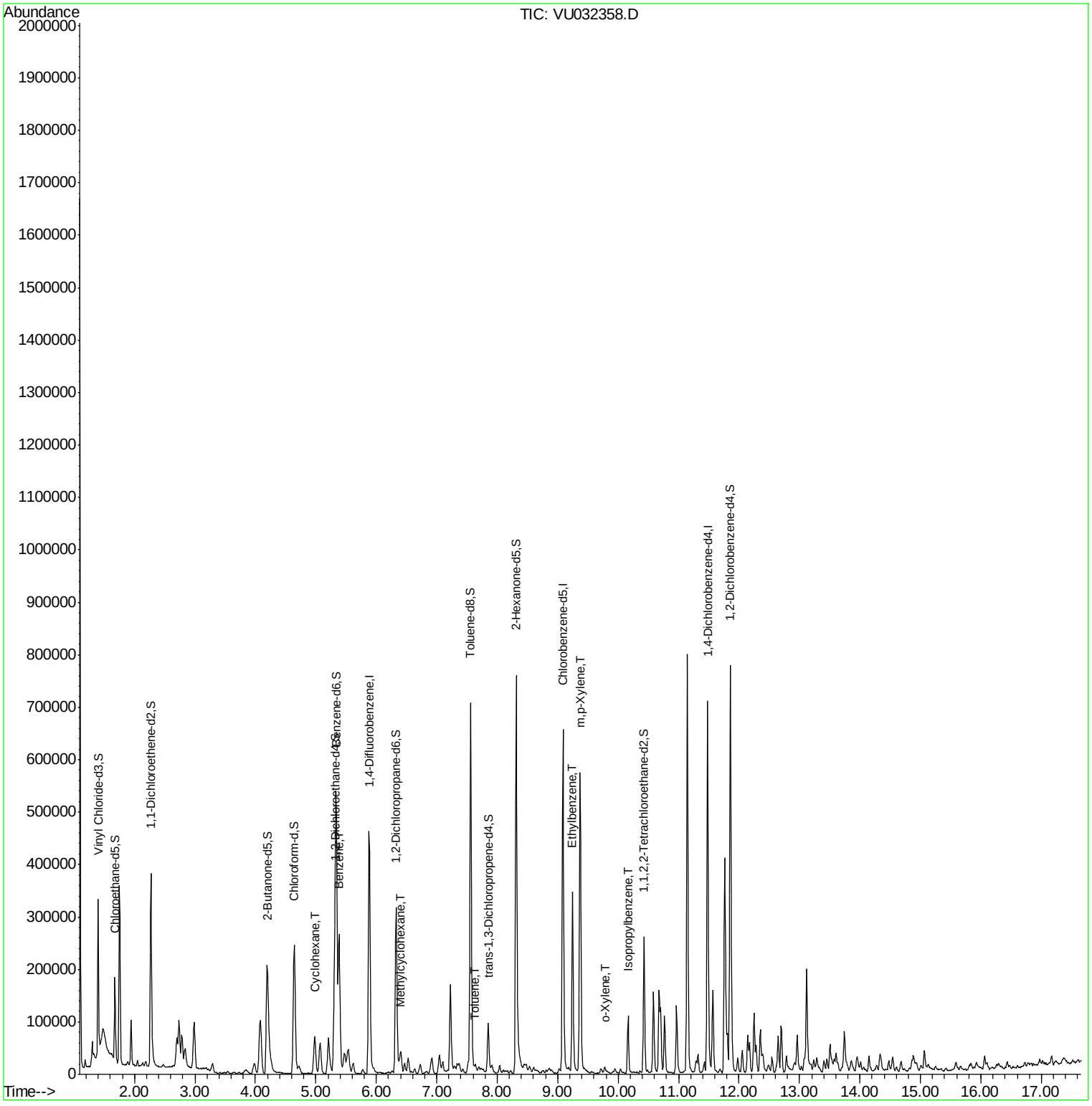
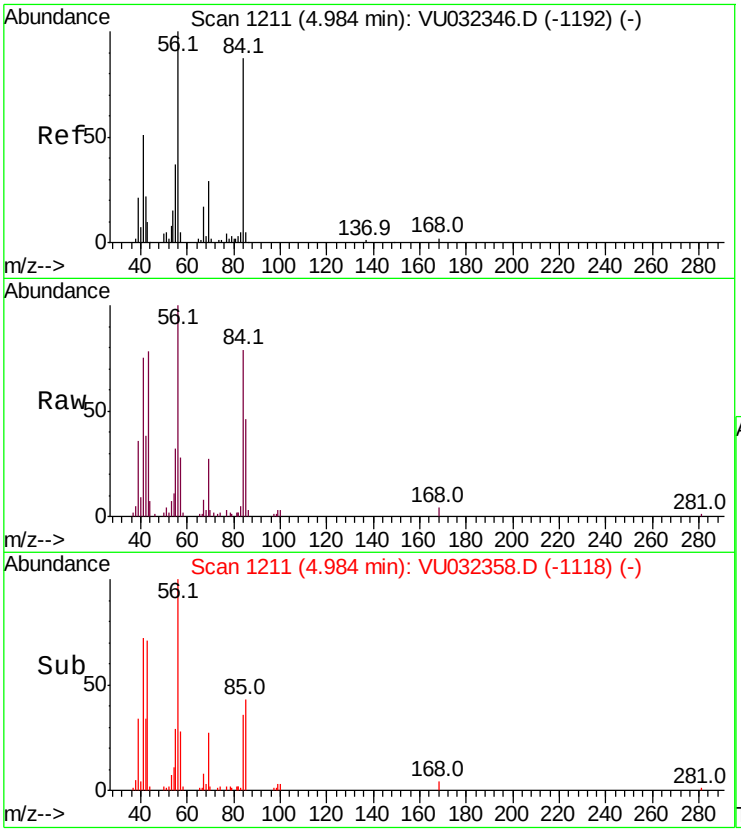


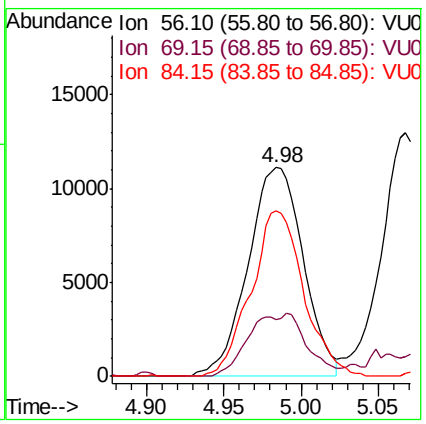


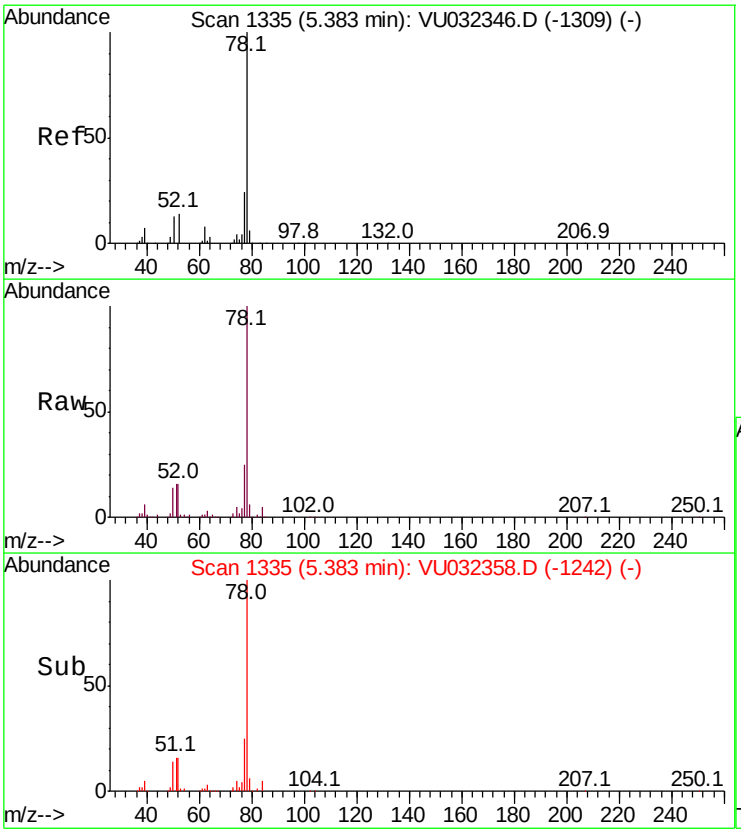
#30
Cyclohexane
Concen: 1.440 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VU032358.D
Acq: 29 May 2019 14:05

Instrument : MSVOA_U
ClientSampleId : C0C55

Tgt Ion: 56 Resp: 27700

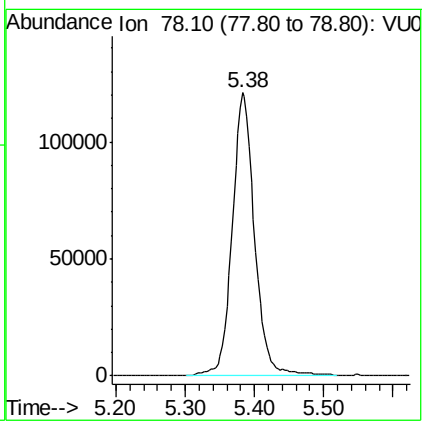
Ion	Ratio	Lower	Upper
56	100		
69	16.5	26.6	39.8#
84	75.5	75.0	112.6

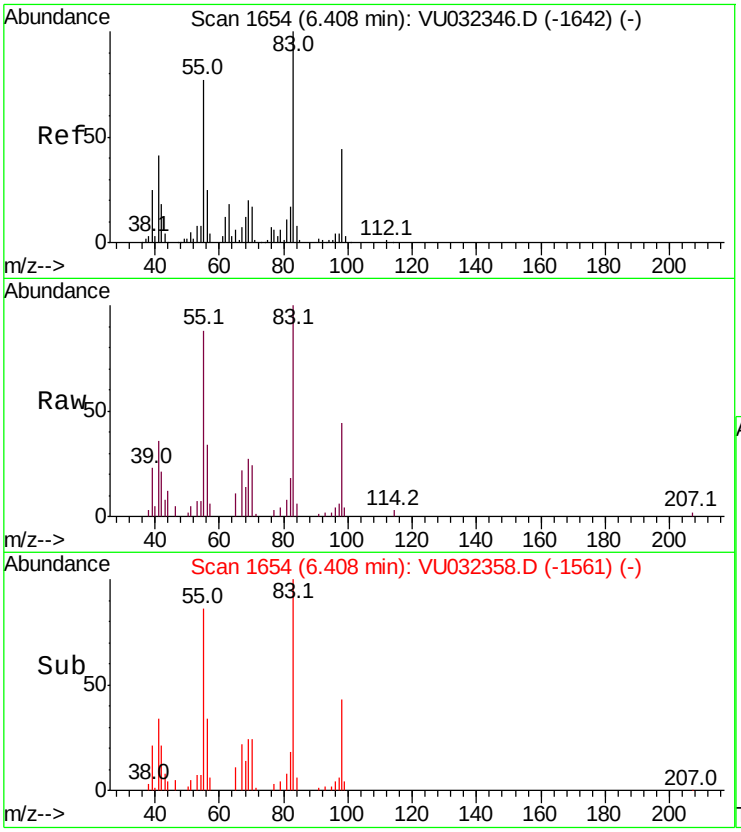




#33
Benzene
Concen: 5.096 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032358.D
Acq: 29 May 2019 14:05

Tgt Ion: 78 Resp: 273275



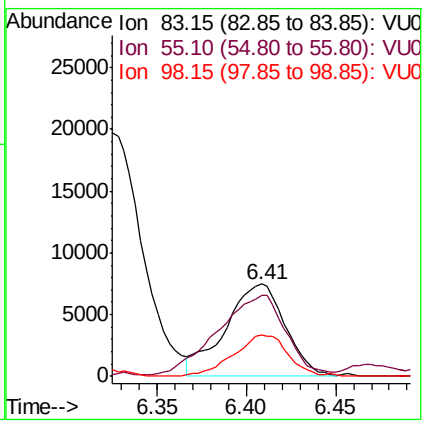


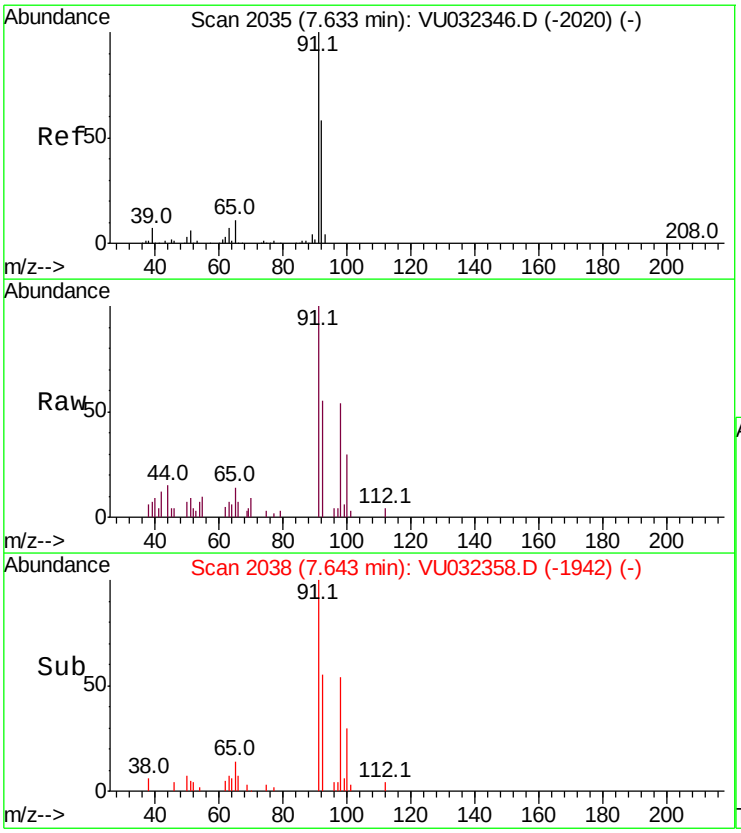
#35
Methylcyclohexane
Concen: 0.827 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU032358.D
Acq: 29 May 2019 14:05

Instrument : MSVOA_U
ClientSampleId : C0C55

Tgt Ion: 83 Resp: 17530

Ion	Ratio	Lower	Upper
83	100		
55	98.3	59.7	89.5#
98	40.8	37.5	56.3

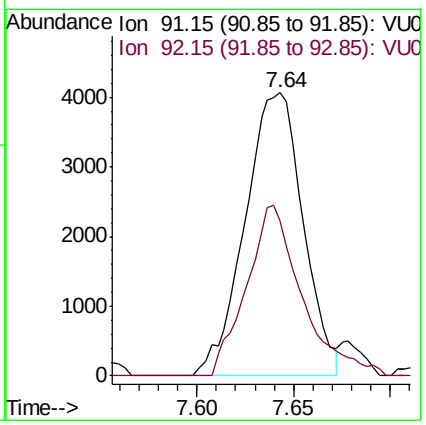


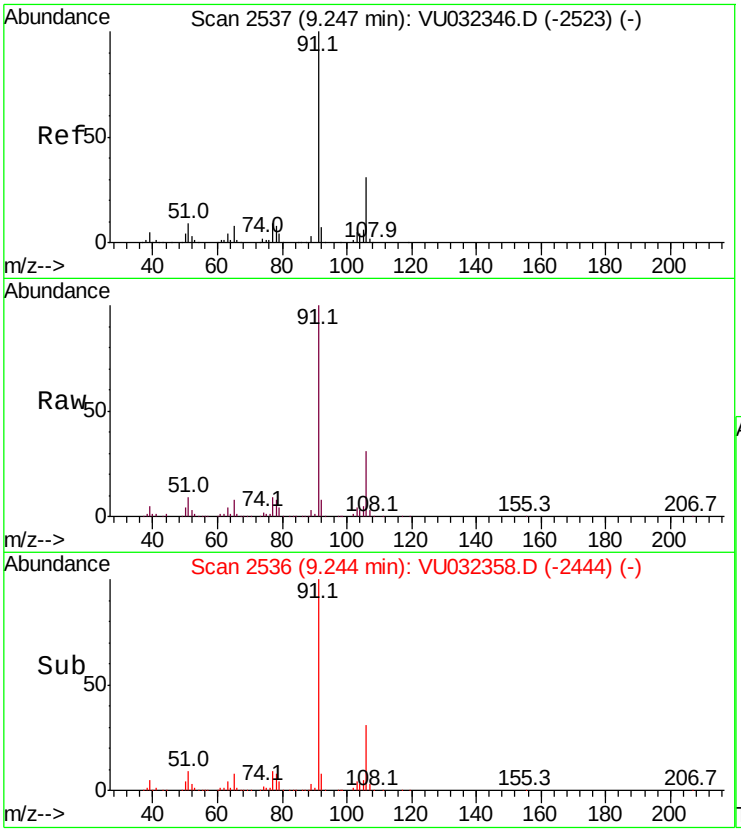


#42
Toluene
Concen: 0.149 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. 0.01 min
Lab File: VU032358.D
Acq: 29 May 2019 14:05

Tgt Ion: 91 Resp: 8483

Ion	Ratio	Lower	Upper
91	100		
92	54.8	38.5	71.5



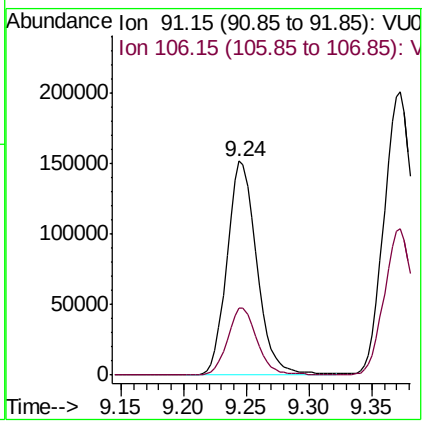


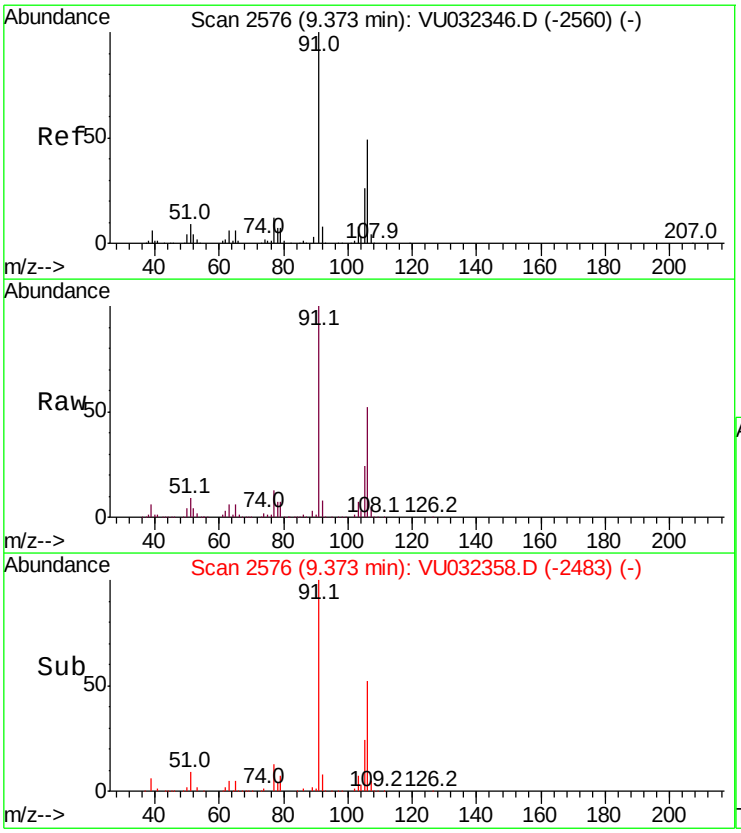
#52
Ethylbenzene
Concen: 4.374 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032358.D
Acq: 29 May 2019 14:05

Instrument : MSVOA_U
ClientSampleId : C0C55

Tgt Ion: 91 Resp: 250868

Ion	Ratio	Lower	Upper
91	100		
106	31.1	20.9	38.9

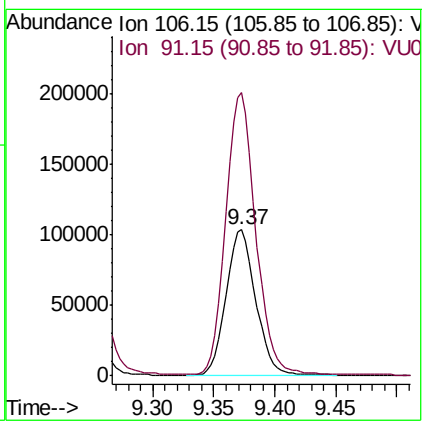


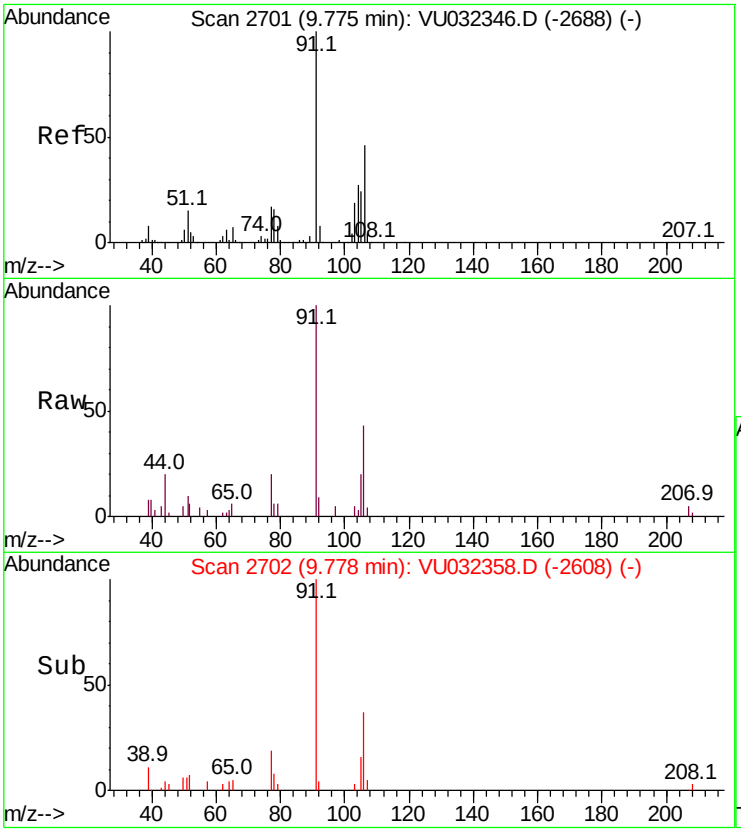


#53
m,p-Xylene
Concen: 8.260 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU032358.D
Acq: 29 May 2019 14:05

Tgt Ion:106 Resp: 176161

Ion	Ratio	Lower	Upper
106	100		
91	194.0	143.9	267.2



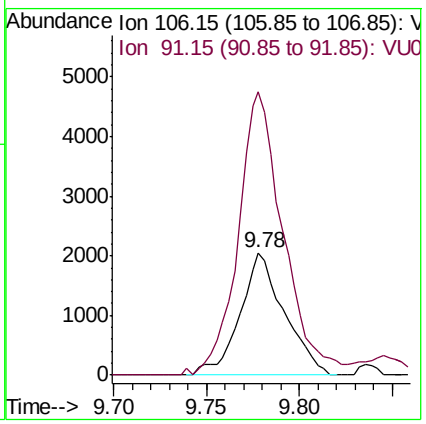


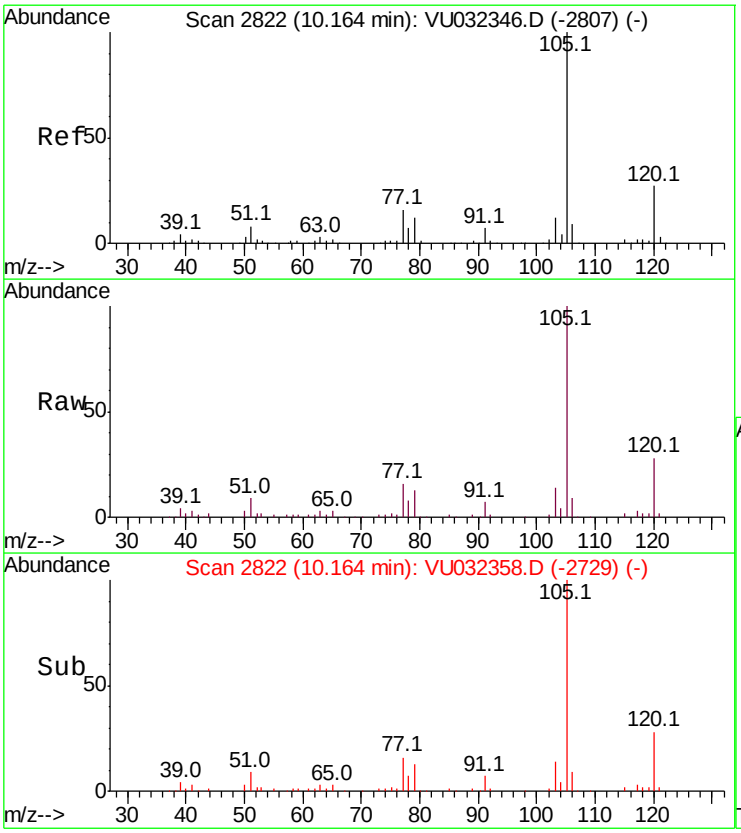
#54
o-Xylene
Concen: 0.160 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU032358.D
Acq: 29 May 2019 14:05

Instrument : MSVOA_U
ClientSampleId : C0C55

Tgt Ion:106 Resp: 3409

Ion	Ratio	Lower	Upper
106	100		
91	231.3	147.8	274.4





#56
Isopropylbenzene
Concen: 1.296 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032358.D
Acq: 29 May 2019 14:05

Tgt Ion:105 Resp: 69799

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.0	31.6
77	16.4	11.9	17.9