Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032367.D
Acq On : 29 May 2019 18:34
Operator : JC/SP
Sample : K3045-11 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C55

Quant Time: May 30 09:09:45 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	413528	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	399753	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193106	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	110068	4.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.80%			
7) Chloroethane-d5	1.68	69	99399	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.80%			
11) 1,1-Dichloroethene-d2	2.27	63	160605	3.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.00%			
20) 2-Butanone-d5	4.20	46	308841	47.15	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.30%			
24) Chloroform-d	4.64	84	216693	3.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.00%			
26) 1,2-Dichloroethane-d4	5.31	65	113807	3.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.40%			
32) Benzene-d6	5.33	84	470542	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
36) 1,2-Dichloropropane-d6	6.33	67	142783	3.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.40%			
41) Toluene-d8	7.56	98	422392	3.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.60%			
43) trans-1,3-Dichloropropene-	7.85	79	50601	3.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.40%			
46) 2-Hexanone-d5	8.31	63	245282	46.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.04%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116183	3.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 63.40%#			
64) 1,2-Dichlorobenzene-d4	11.85	152	177342	3.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 66.60%#			
Target Compounds						Qvalue
30) Cyclohexane	4.98	56	48076	2.479	ug/L	83
33) Benzene	5.38	78	507536	9.386	ug/L	100
35) Methylcyclohexane	6.41	83	28876	1.351	ug/L #	83
42) Toluene	7.64	91	15593	0.271	ug/L	90
52) Ethylbenzene	9.24	91	478246	8.269	ug/L	97
53) m,p-Xylene	9.37	106	342461	15.923	ug/L	99
54) o-Xylene	9.78	106	6483	0.302	ug/L	87
56) Isopropylbenzene	10.16	105	138163	2.543	ug/L	98

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

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Quant Time: May 30 09:09:45 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
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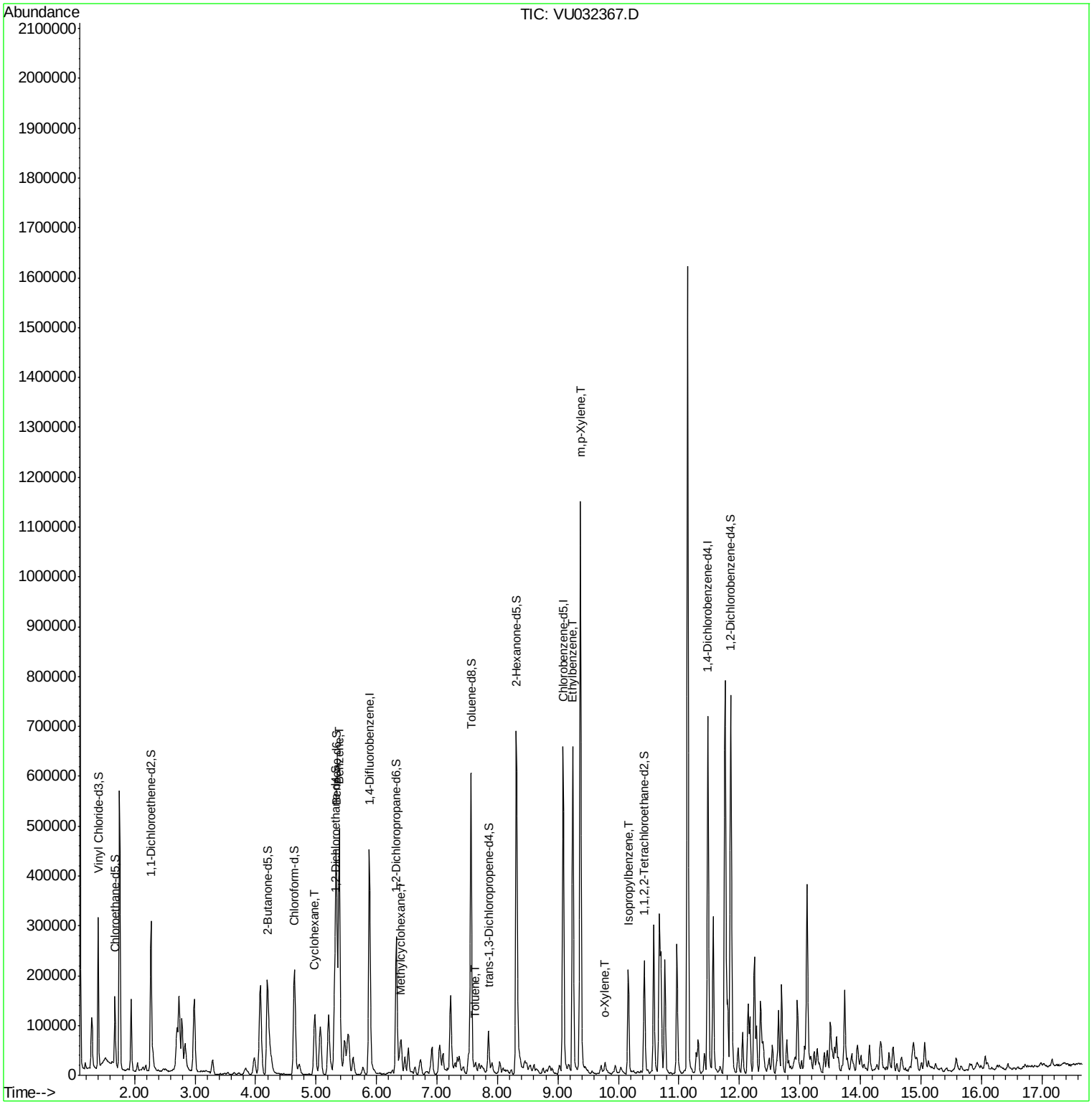
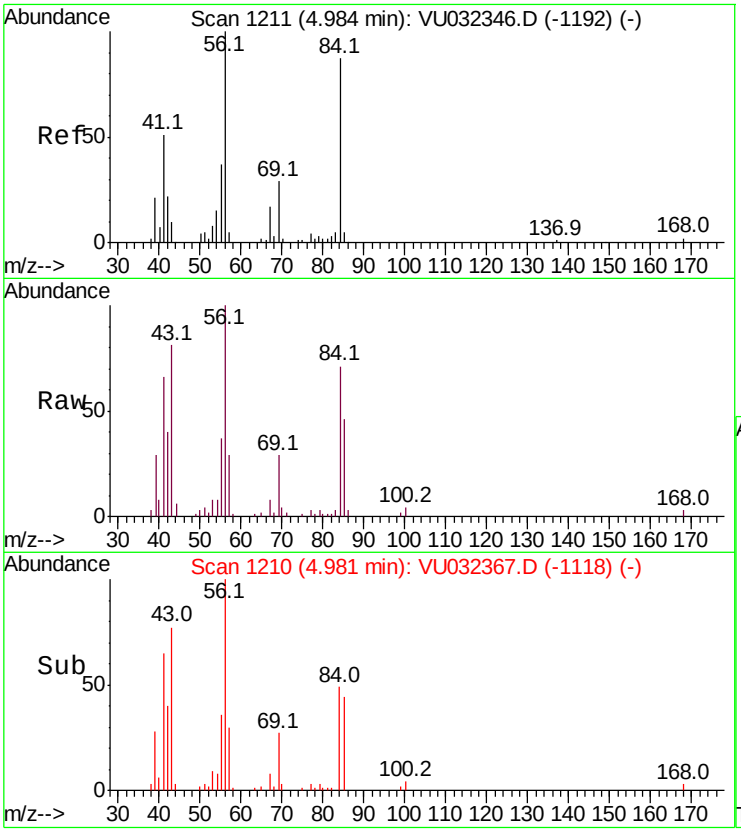


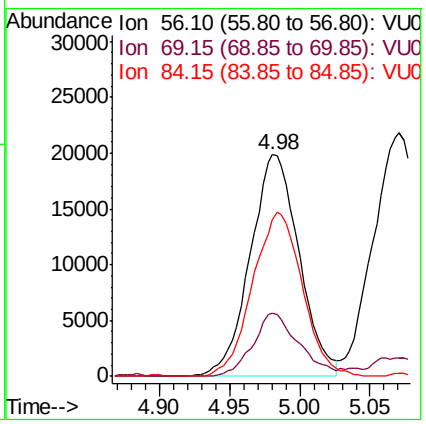


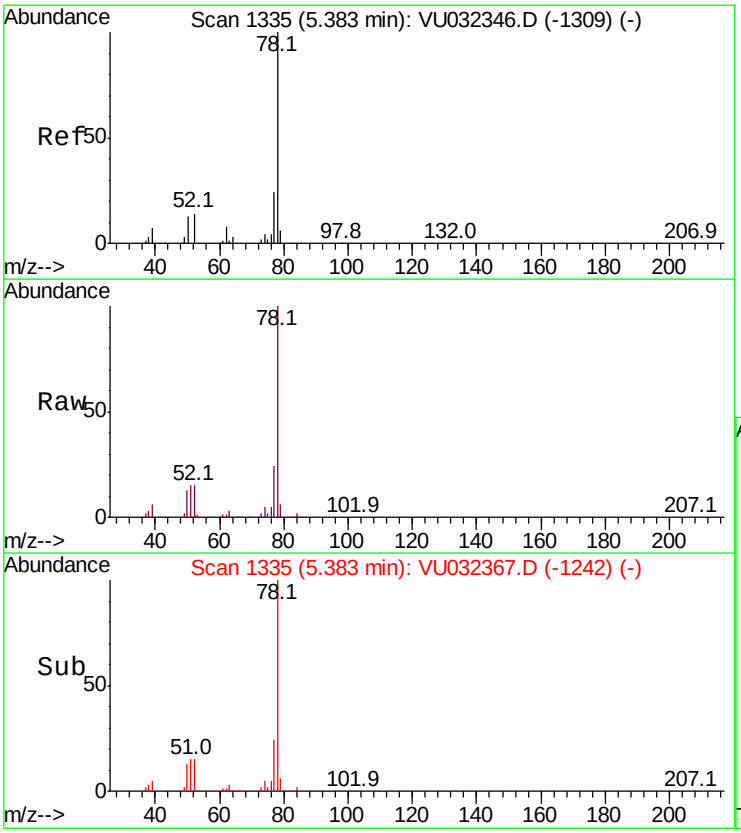
#30
Cyclohexane
Concen: 2.479 ug/L
RT: 4.98 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU032367.D
Acq: 29 May 2019 18:34

Instrument : MSVOA_U
ClientSampleId : C0C55

Tgt Ion: 56 Resp: 48076

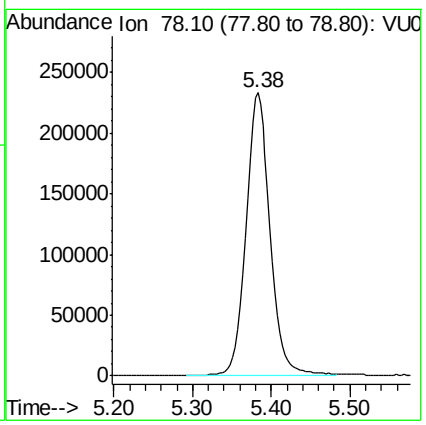
Ion	Ratio	Lower	Upper
56	100		
69	26.7	26.6	39.8
84	75.1	75.0	112.6

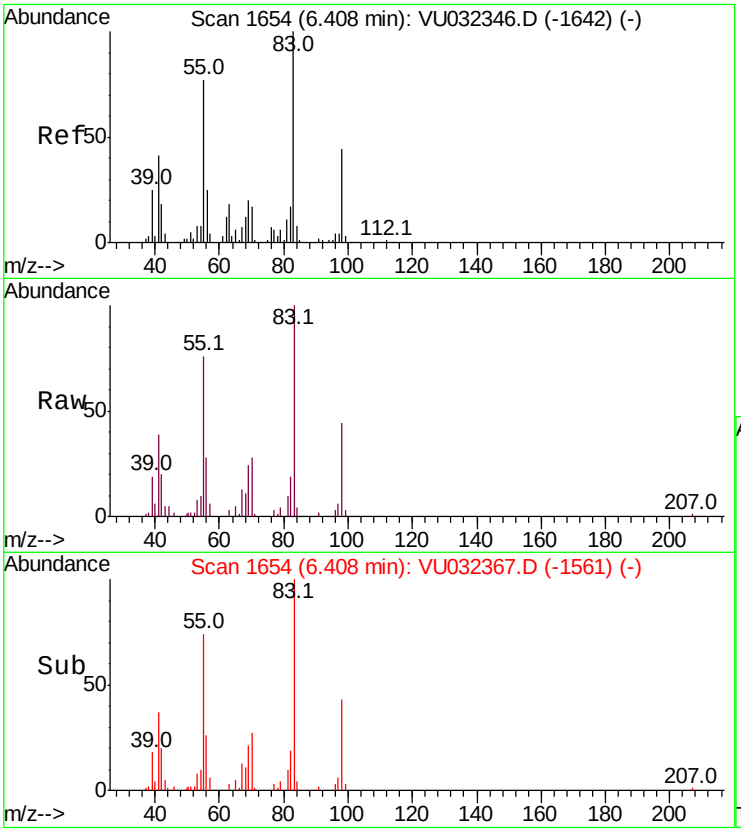




#33
Benzene
Concen: 9.386 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032367.D
Acq: 29 May 2019 18:34

Tgt Ion: 78 Resp: 507536



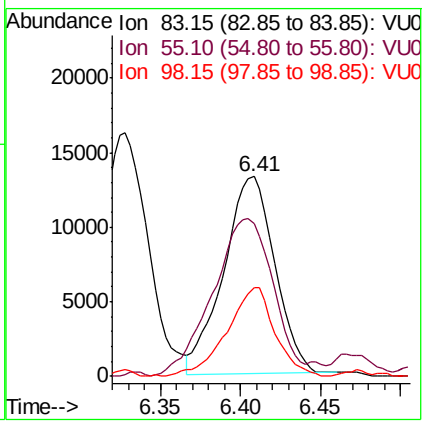


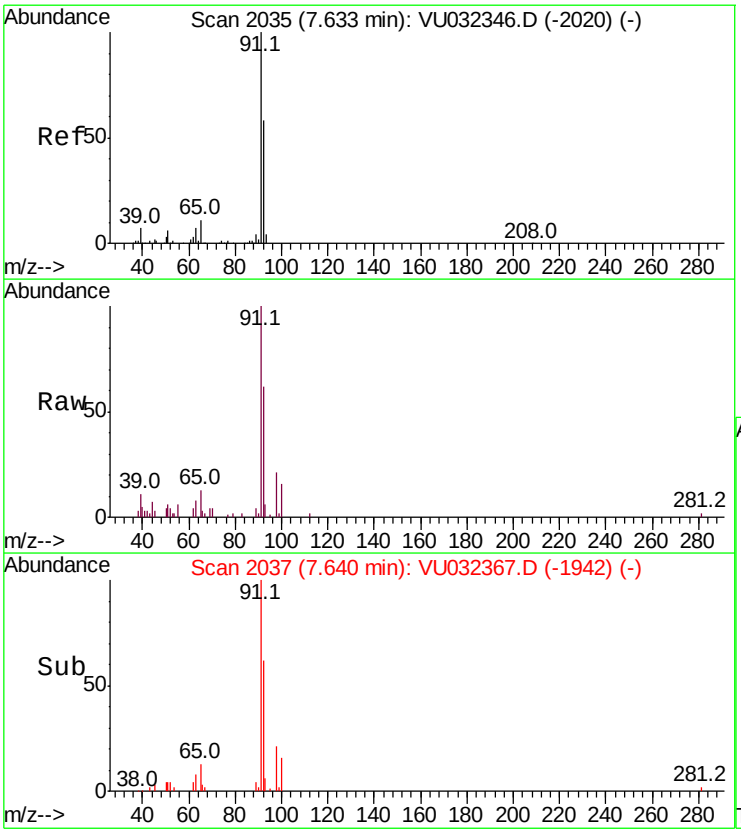
#35
Methylcyclohexane
Concen: 1.351 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU032367.D
Acq: 29 May 2019 18:34

Instrument :
MSVOA_U
ClientSampleId :
C0C55

Tgt Ion: 83 Resp: 28876

Ion	Ratio	Lower	Upper
83	100		
55	94.8	59.7	89.5#
98	42.2	37.5	56.3

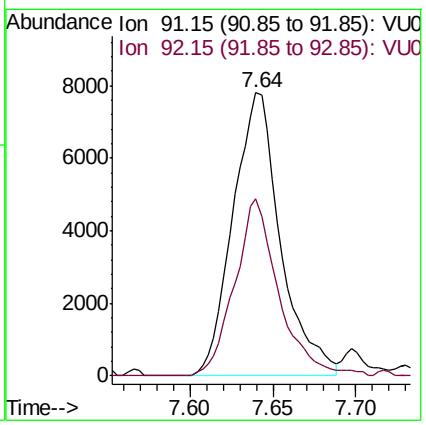


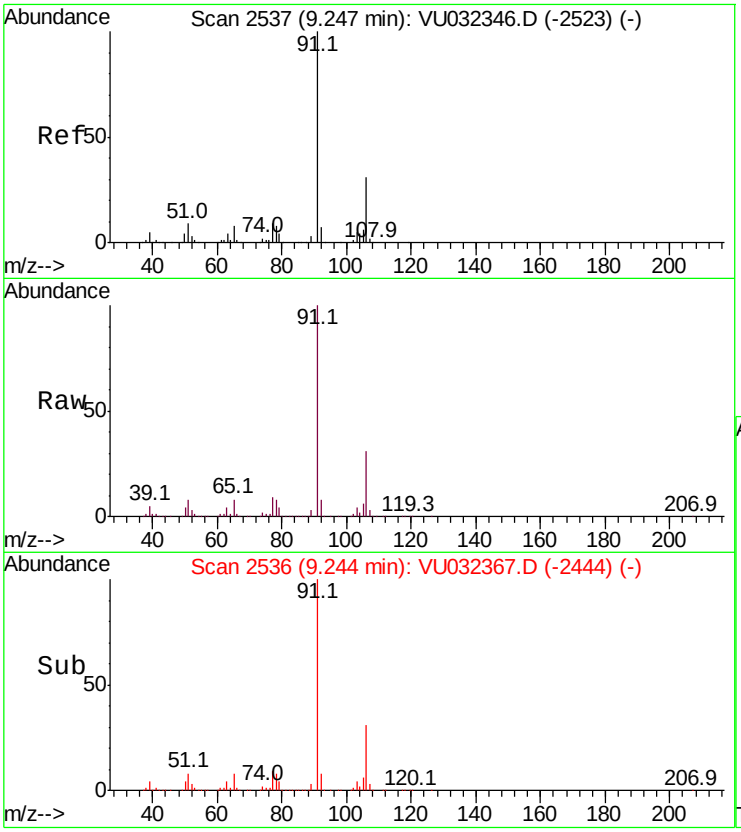


#42
Toluene
Concen: 0.271 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU032367.D
Acq: 29 May 2019 18:34

Tgt Ion: 91 Resp: 15593

Ion	Ratio	Lower	Upper
91	100		
92	62.4	38.5	71.5



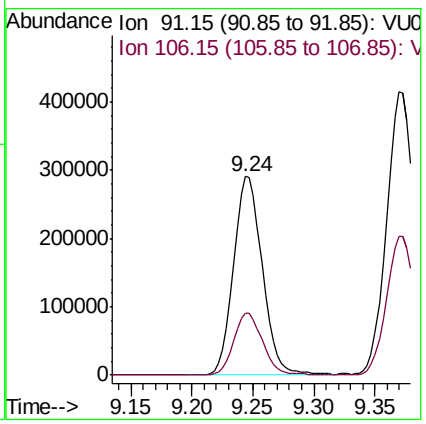


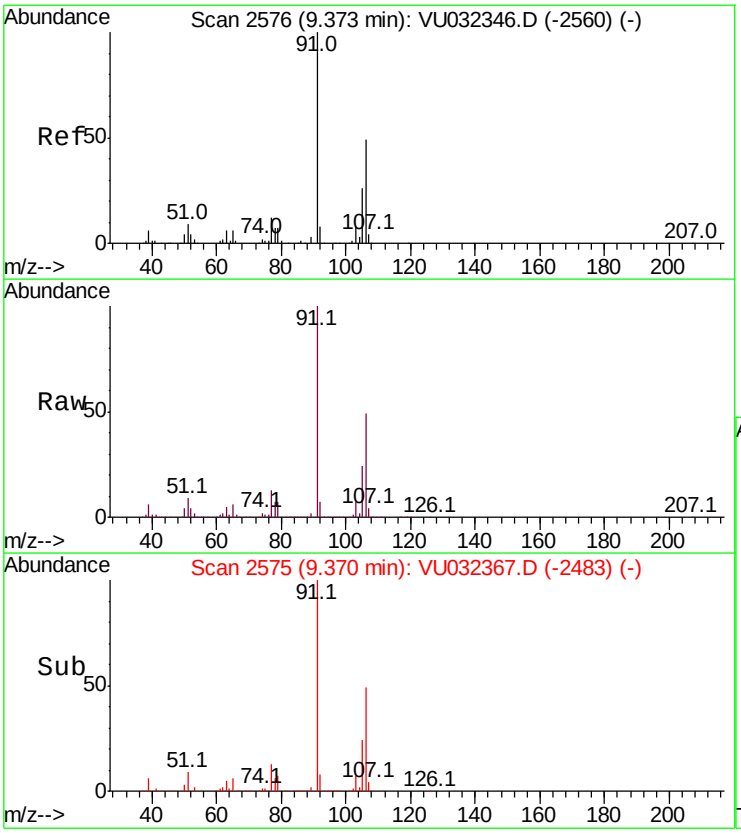
#52
Ethylbenzene
Concen: 8.269 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032367.D
Acq: 29 May 2019 18:34

Instrument : MSVOA_U
ClientSampleId : C0C55

Tgt Ion: 91 Resp: 478246

Ion	Ratio	Lower	Upper
91	100		
106	31.4	20.9	38.9

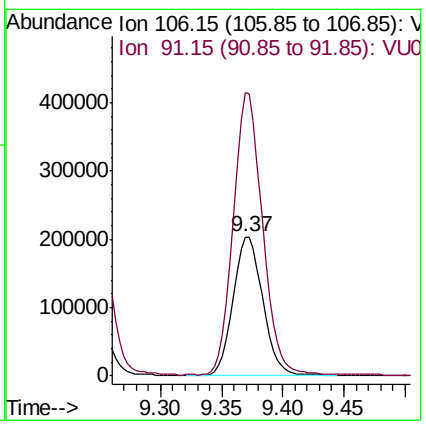


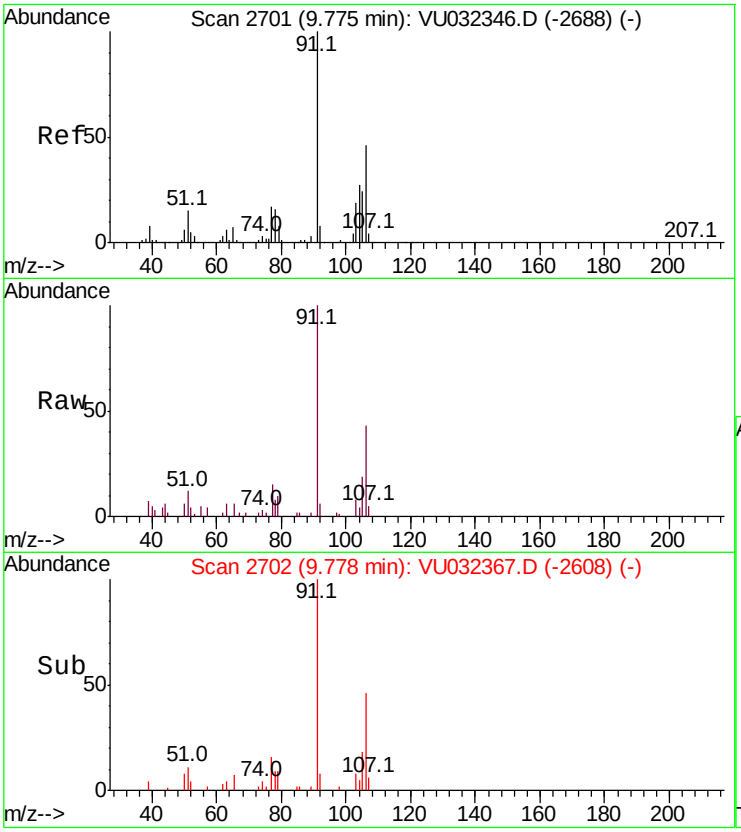


#53
m,p-Xylene
Concen: 15.923 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032367.D
Acq: 29 May 2019 18:34

Tgt Ion:106 Resp: 342461

Ion	Ratio	Lower	Upper
106	100		
91	203.9	143.9	267.2



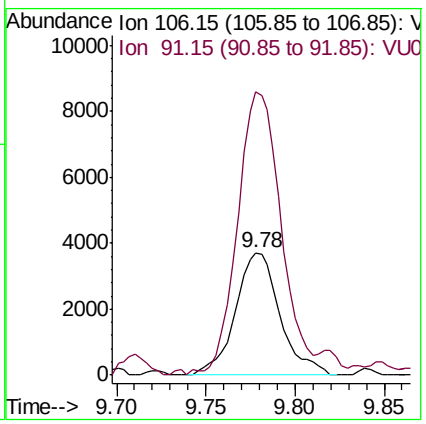


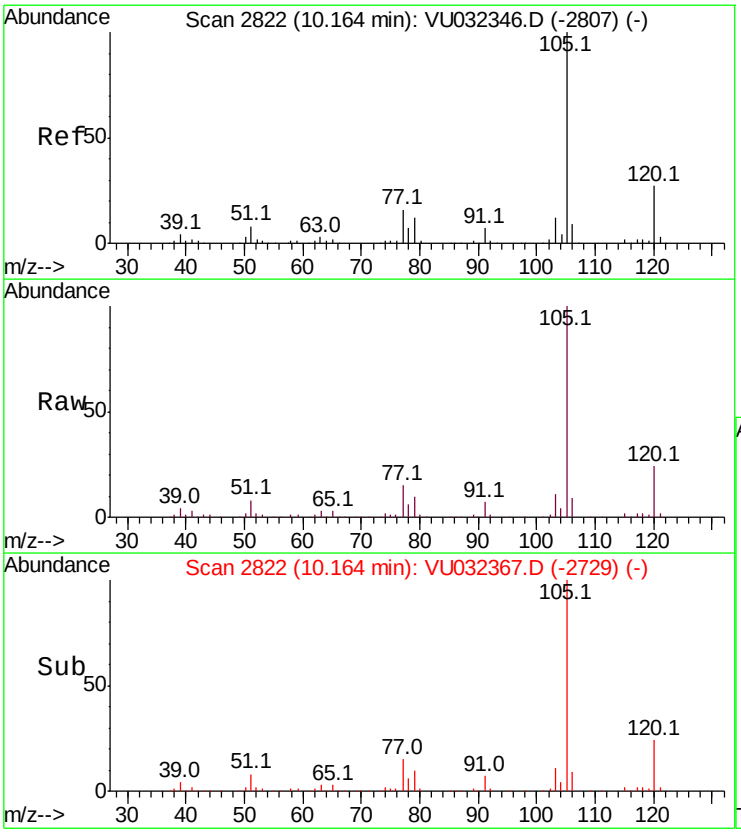
#54
o-Xylene
Concen: 0.302 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU032367.D
Acq: 29 May 2019 18:34

Instrument : MSVOA_U
ClientSampleId : C0C55

Tgt Ion:106 Resp: 6483

Ion	Ratio	Lower	Upper
106	100		
91	231.3	147.8	274.4





#56
Isopropylbenzene
Concen: 2.543 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032367.D
Acq: 29 May 2019 18:34

Tgt Ion:105 Resp: 138163

Ion	Ratio	Lower	Upper
105	100		
120	24.9	21.0	31.6
77	15.3	11.9	17.9