Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062119\
Data File : VU032931.D
Acq On : 21 Jun 2019 09:42
Operator : JC/SP
Sample : K3413-19DL2 1000X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALG7DL2

Quant Time: Jun 21 23:31:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 23:24:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	81760	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	82220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43348	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	19094	3.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.80%			
7) Chloroethane-d5	1.68	69	18125	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.27	63	32227	2.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.80%#			
20) 2-Butanone-d5	4.18	46	91259	61.51	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.02%			
24) Chloroform-d	4.64	84	47671	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.31	65	29024	5.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.80%			
32) Benzene-d6	5.33	84	86245	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
36) 1,2-Dichloropropane-d6	6.32	67	30199	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.56	98	75734	4.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.20%			
43) trans-1,3-Dichloropropene-	7.85	79	12228	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
46) 2-Hexanone-d5	8.31	63	63510	47.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.16%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27733	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	35783	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			
Target Compounds						Qvalue
30) Cyclohexane	4.99	56	1710	0.161	ug/L #	95
33) Benzene	5.38	78	15873	0.655	ug/L	100
42) Toluene	7.63	91	288893	10.693	ug/L	97
52) Ethylbenzene	9.24	91	38687	1.299	ug/L	98
53) m,p-Xylene	9.37	106	36106	3.199	ug/L	96
54) o-Xylene	9.77	106	17580	1.560	ug/L	97

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

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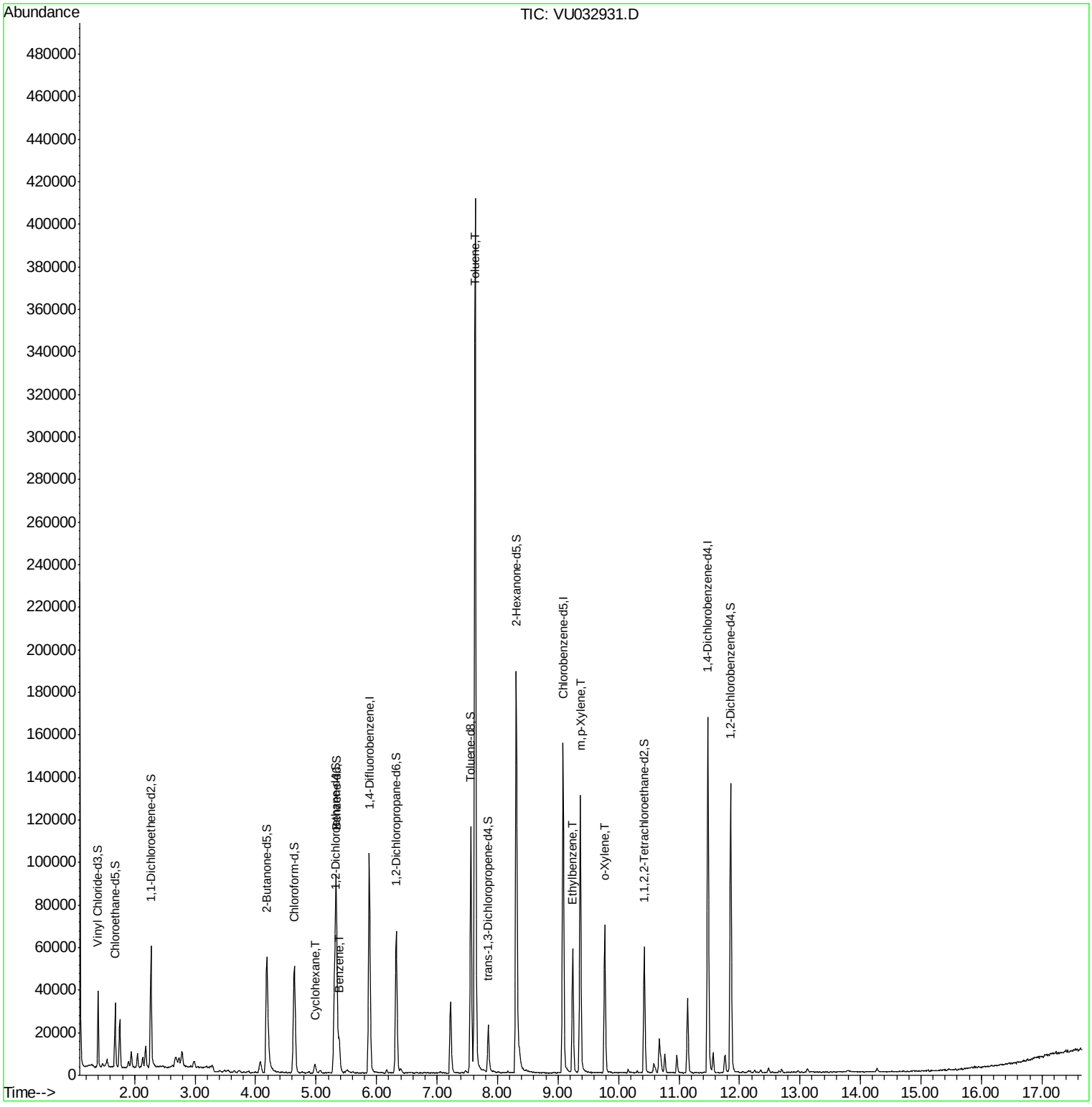
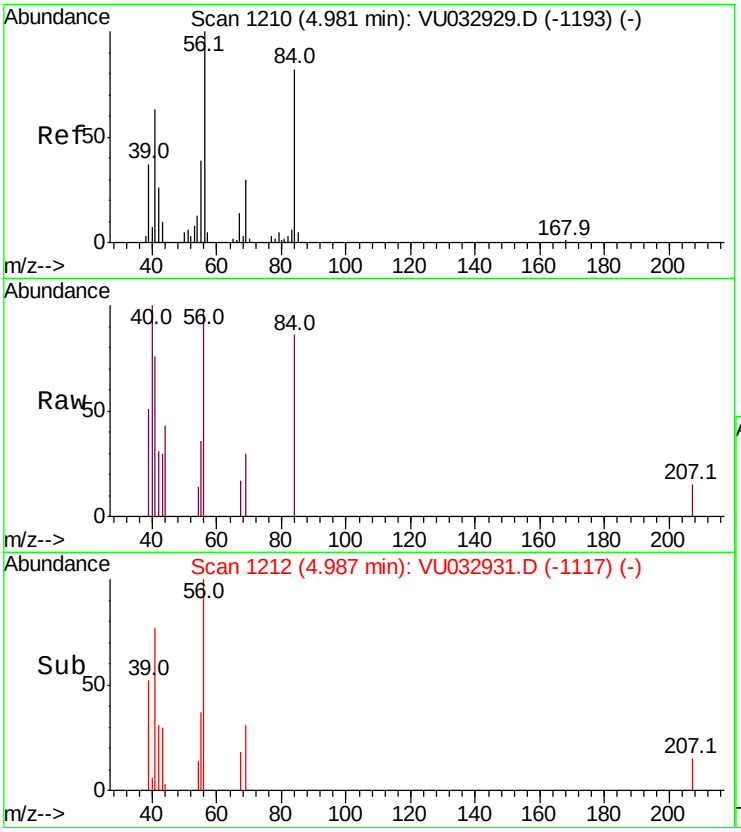


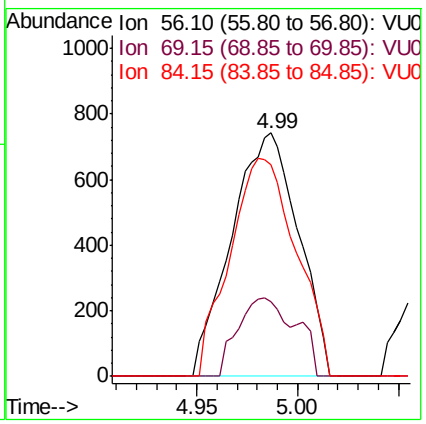


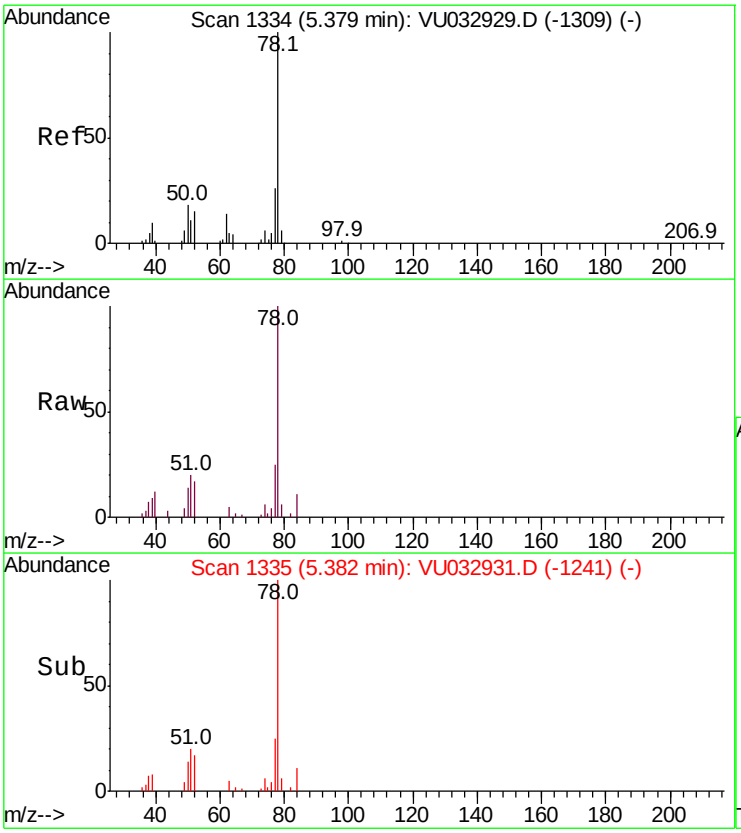
#30
Cyclohexane
Concen: 0.161 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.01 min
Lab File: VU032931.D
Acq: 21 Jun 2019 09:42

Instrument :
MSVOA_U
ClientSampleId :
GALG7DL2

Tgt Ion: 56 Resp: 1710

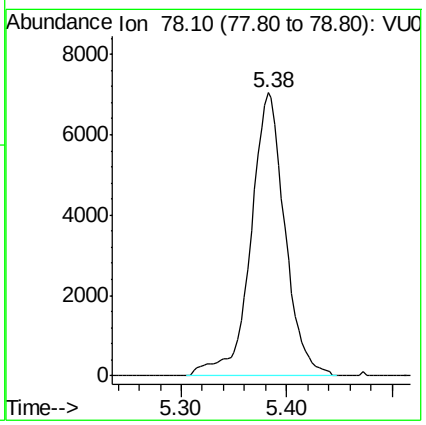
Ion	Ratio	Lower	Upper
56	100		
69	22.6	24.9	37.3#
84	88.7	70.2	105.2

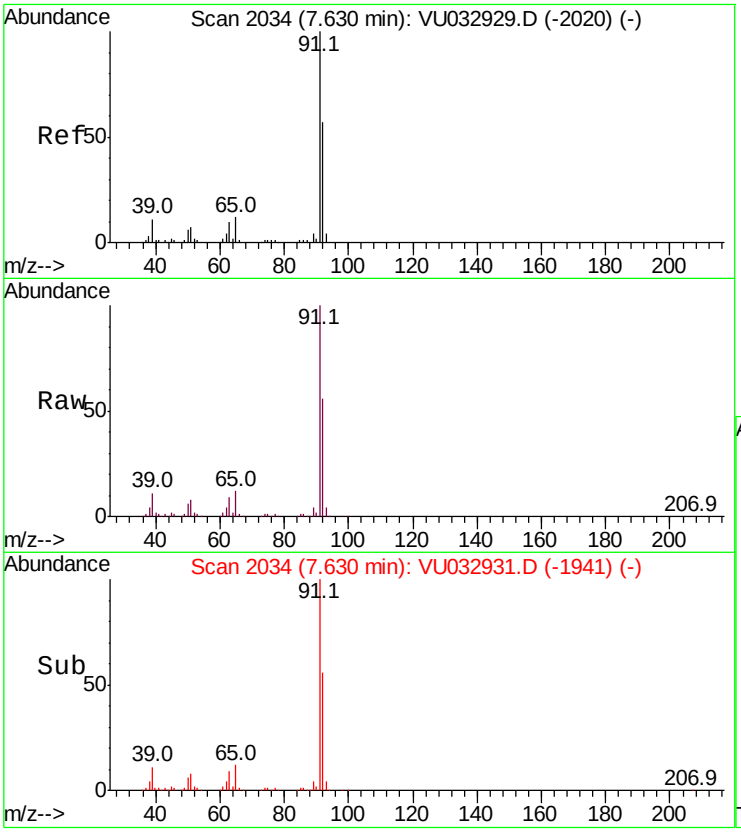




#33
Benzene
Concen: 0.655 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032931.D
Acq: 21 Jun 2019 09:42

Tgt Ion: 78 Resp: 15873



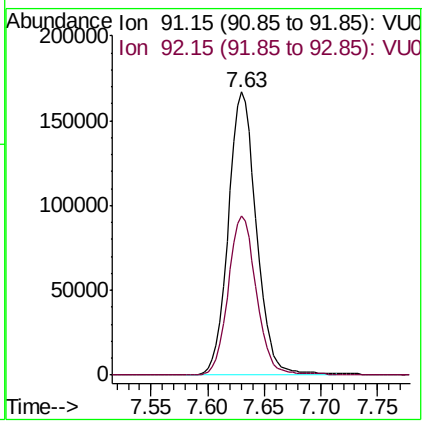


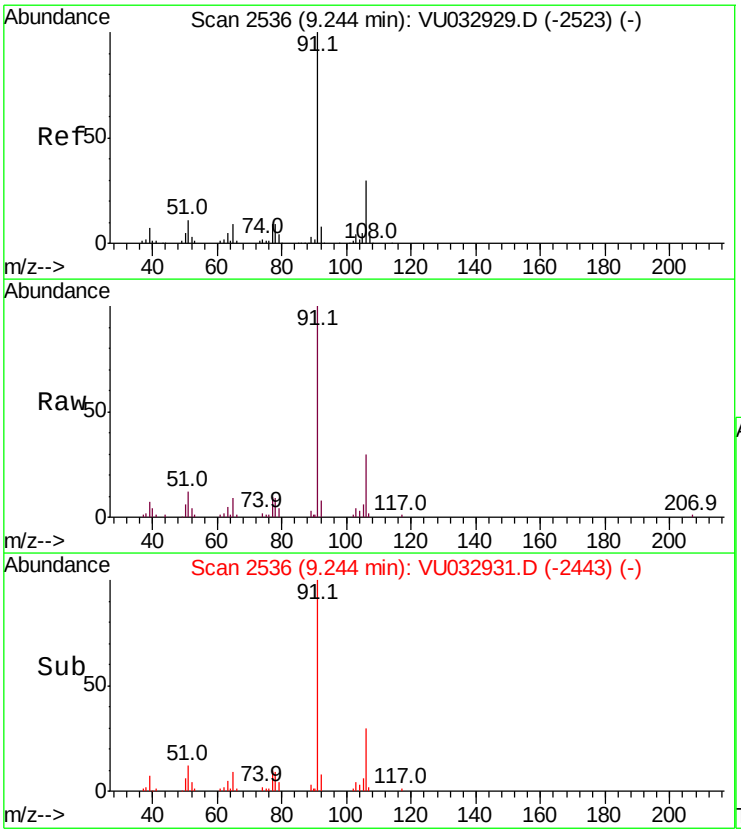
#42
Toluene
Concen: 10.693 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VU032931.D
Acq: 21 Jun 2019 09:42

Instrument : MSVOA_U
ClientSampleId : GALG7DL2

Tgt Ion: 91 Resp: 288893

Ion	Ratio	Lower	Upper
91	100		
92	56.3	40.9	75.9

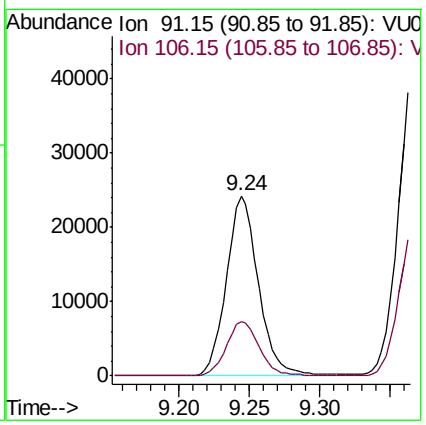


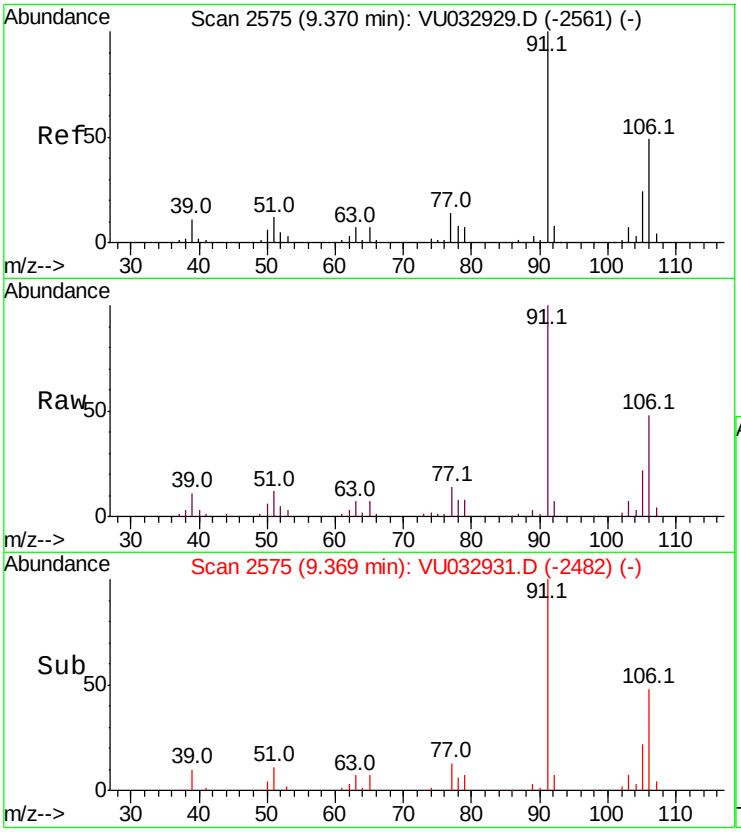


#52
Ethylbenzene
Concen: 1.299 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032931.D
Acq: 21 Jun 2019 09:42

Tgt Ion: 91 Resp: 38687

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.8	40.6



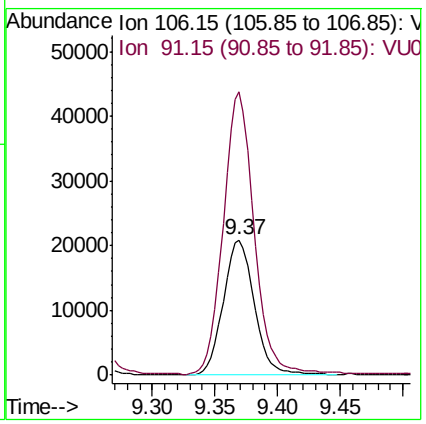


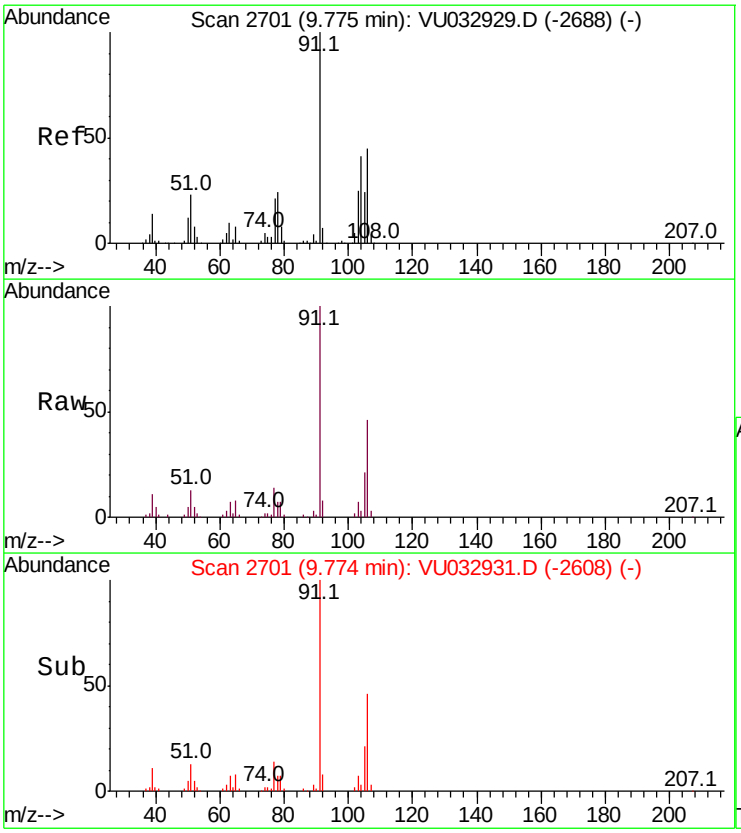
#53
m,p-Xylene
Concen: 3.199 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032931.D
Acq: 21 Jun 2019 09:42

Instrument : MSVOA_U
ClientSampleId : GALG7DL2

Tgt Ion:106 Resp: 36106

Ion	Ratio	Lower	Upper
106	100		
91	208.9	142.4	264.4





#54
o-Xylene
Concen: 1.560 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU032931.D
Acq: 21 Jun 2019 09:42

Tgt Ion:106 Resp: 17580

Ion	Ratio	Lower	Upper
106	100		
91	216.6	148.8	276.4