Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Data File : VU030458.D
Acq On : 26 Mar 2019 21:03
Operator : JC/SP
Sample : K2063-03DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6R5DL

Quant Time: Mar 27 09:55:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	443690	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	422847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181338	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	161913	45.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.68%			
7) Chloroethane-d5	1.67	69	135573	47.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.27	63	234493	34.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.24%			
21) 2-Butanone-d5	4.17	46	350479	104.41	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.41%			
24) Chloroform-d	4.64	84	294234	47.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.66%			
26) 1,2-Dichloroethane-d4	5.31	65	201782	50.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.24%			
32) Benzene-d6	5.34	84	592563	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.74%			
36) 1,2-Dichloropropane-d6	6.32	67	210734	50.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.58%			
41) Toluene-d8	7.56	98	511658	46.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.96%			
43) trans-1,3-Dichloropropene-	7.85	79	90912	46.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.20%			
47) 2-Hexanone-d5	8.31	63	228233	101.52	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.52%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293827	49.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.98%			
64) 1,2-Dichlorobenzene-d4	11.86	152	183243	50.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.86%			
Target Compounds						Qvalue
29) Cyclohexane	4.99	56	14712	2.299	ug/L	94
33) Benzene	5.39	78	486063	33.768	ug/L	100
35) Methylcyclohexane	6.41	83	9951	1.709	ug/L #	94
42) Toluene	7.63	91	1771925	118.613	ug/L	100
50) 1,2-Dibromoethane	8.59	107	6047	1.632	ug/L	93
52) Ethylbenzene	9.25	91	263319	16.272	ug/L	98
53) m,p-Xylene	9.37	106	345011	59.046	ug/L	98
54) o-xylene	9.77	106	152729	26.788	ug/L	99

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

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Instrument :
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DB6R5DL

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Quant Title : VOC Analysis
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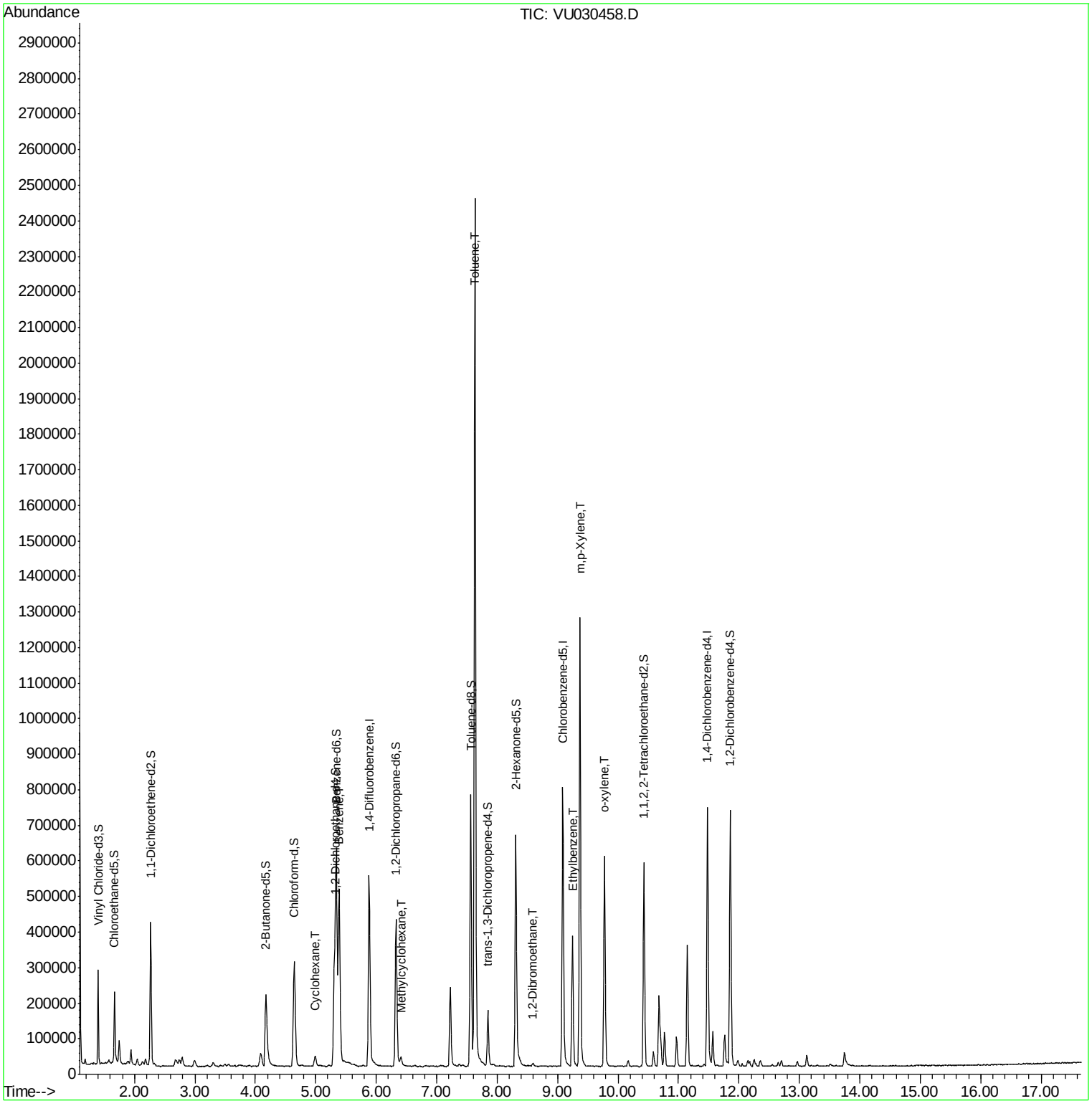
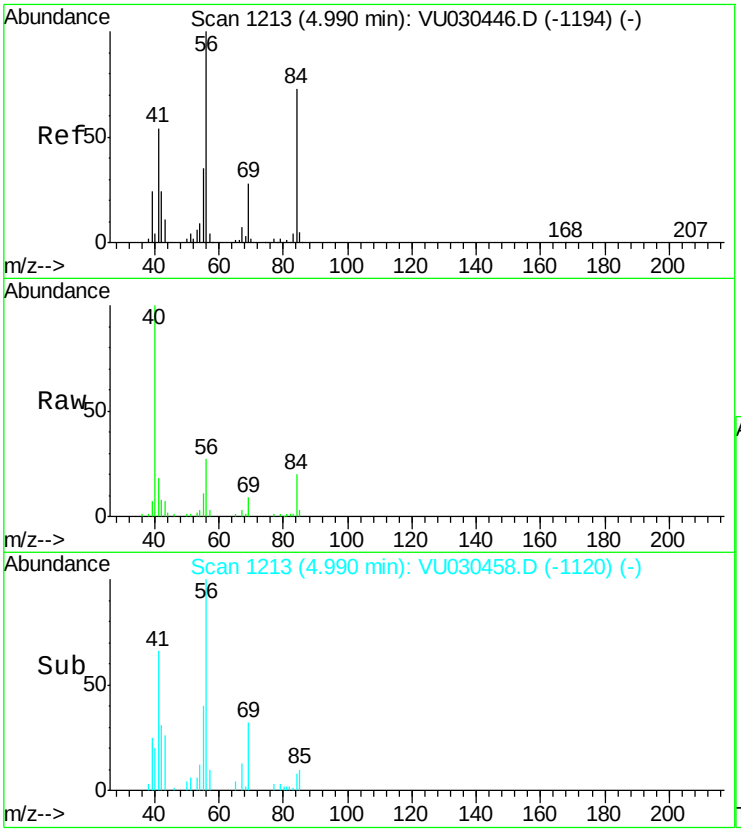


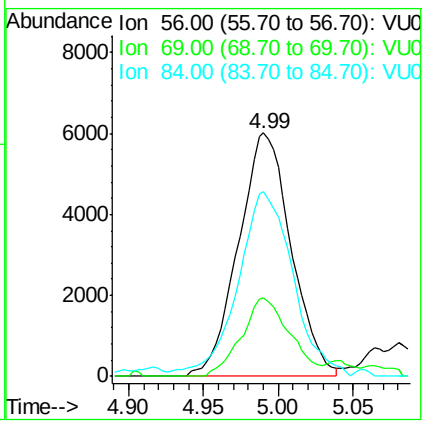


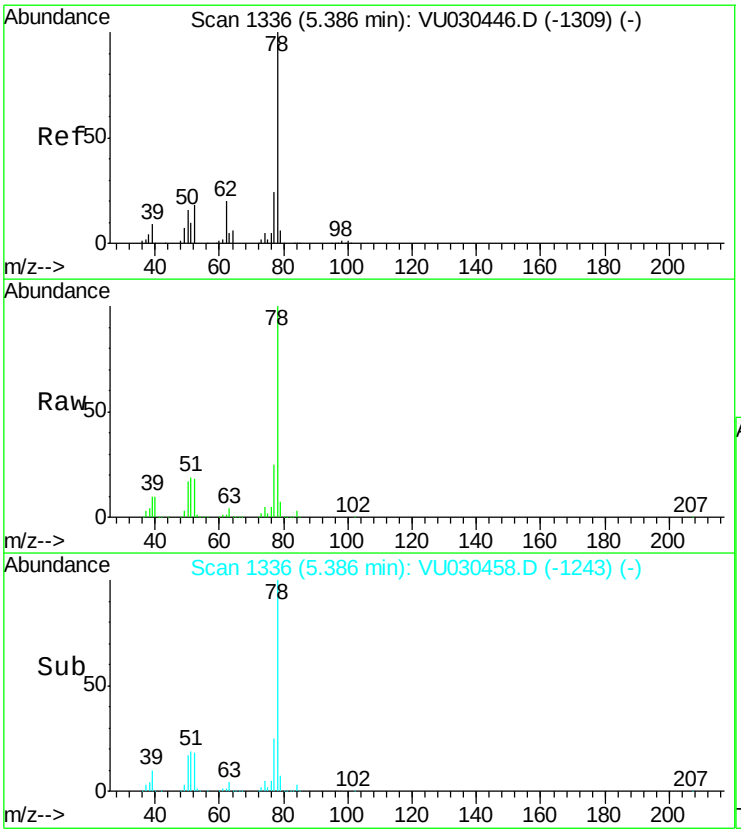
#29
Cyclohexane
Concen: 2.299 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VU030458.D
Acq: 26 Mar 2019 21:03

Instrument : MSVOA_U
ClientSampleId : DB6R5DL

Tgt Ion: 56 Resp: 14712

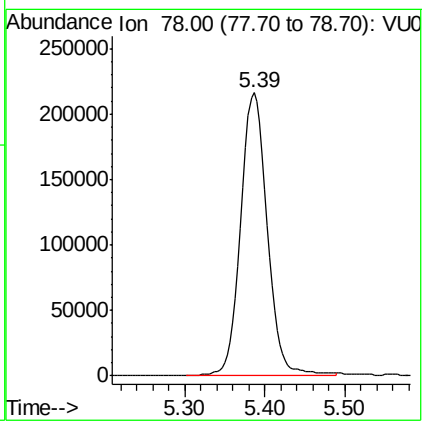
Ion	Ratio	Lower	Upper
56	100		
69	29.7	22.9	34.3
84	79.6	58.9	88.3

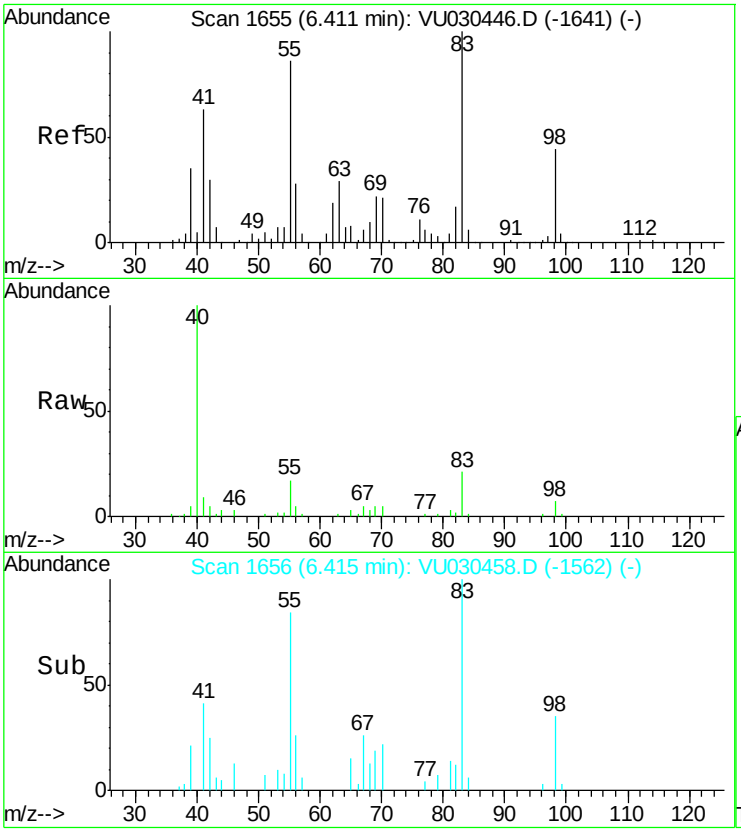




#33
Benzene
Concen: 33.768 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU030458.D
Acq: 26 Mar 2019 21:03

Tgt Ion: 78 Resp: 486063



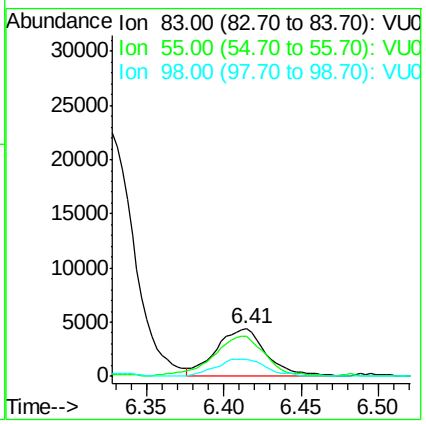


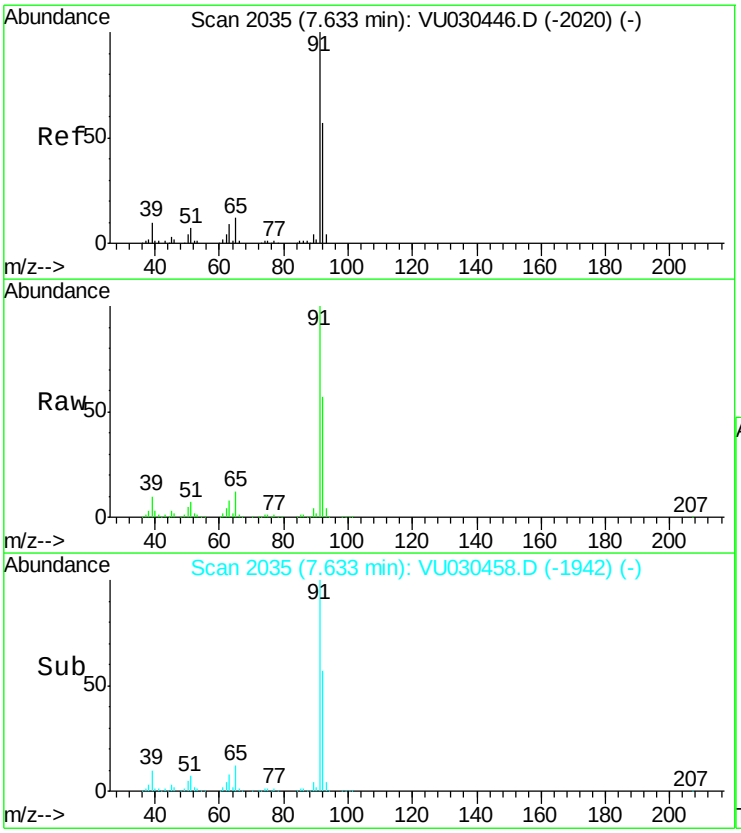
#35
Methylcyclohexane
Concen: 1.709 ug/L
RT: 6.41 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VU030458.D
Acq: 26 Mar 2019 21:03

Instrument :
MSVOA_U
ClientSampleId :
DB6R5DL

Tgt Ion: 83 Resp: 9951

Ion	Ratio	Lower	Upper
83	100		
55	87.6	71.4	107.0
98	35.5	36.0	54.0#

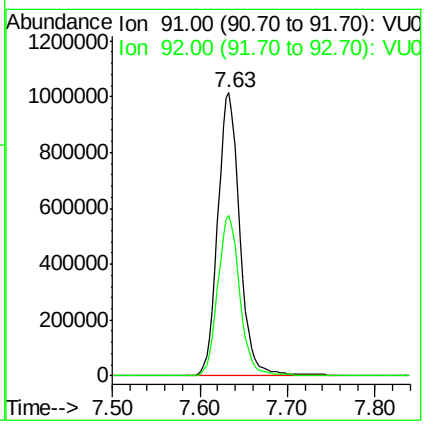


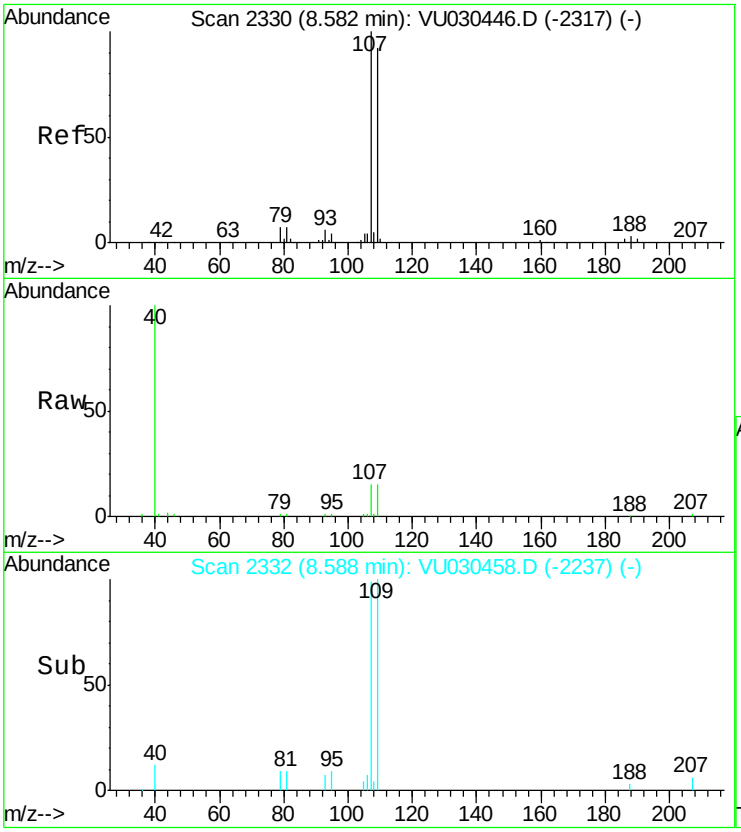


#42
Toluene
Concen: 118.613 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU030458.D
Acq: 26 Mar 2019 21:03

Tgt Ion: 91 Resp: 1771925

Ion	Ratio	Lower	Upper
91	100		
92	56.7	39.7	73.7



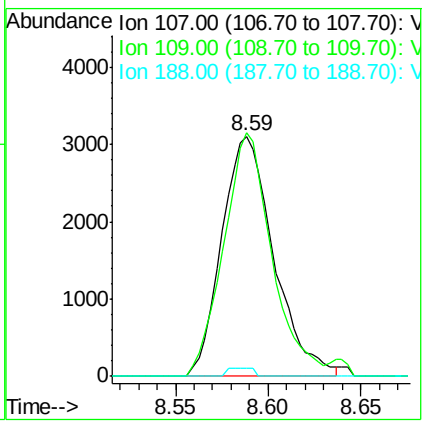


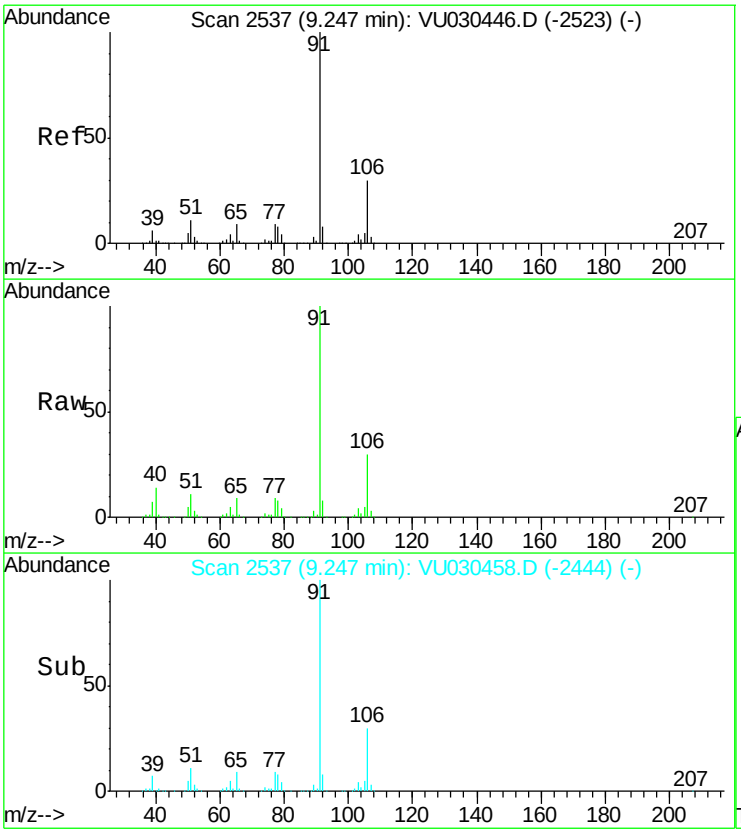
#50
1,2-Dibromoethane
Concen: 1.632 ug/L
RT: 8.59 min Scan# 2332
Delta R.T. 0.01 min
Lab File: VU030458.D
Acq: 26 Mar 2019 21:03

Instrument :
MSVOA_U
ClientSampleId :
DB6R5DL

Tgt Ion:107 Resp: 6047

Ion	Ratio	Lower	Upper
107	100		
109	101.4	65.8	122.2
188	3.3	2.6	4.0

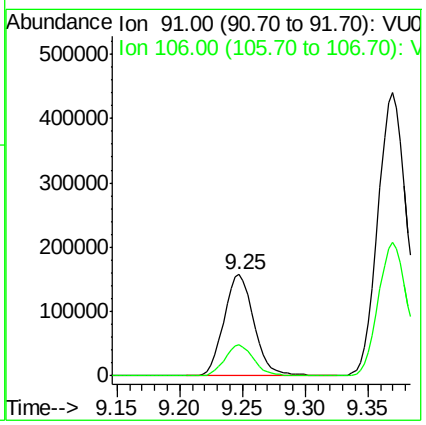


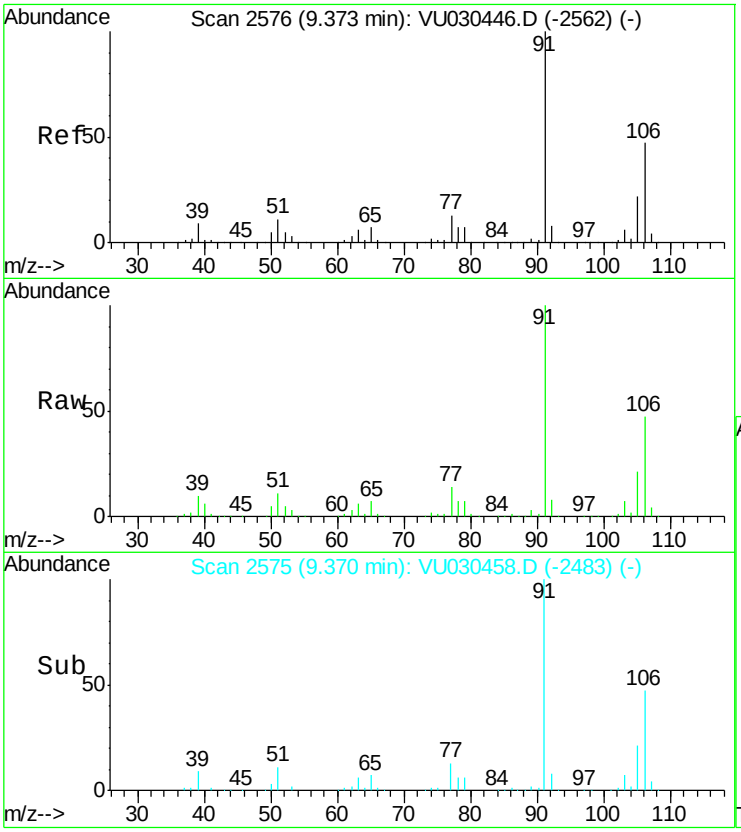


#52
Ethylbenzene
Concen: 16.272 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU030458.D
Acq: 26 Mar 2019 21:03

Tgt Ion: 91 Resp: 263319

Ion	Ratio	Lower	Upper
91	100		
106	30.2	20.6	38.2



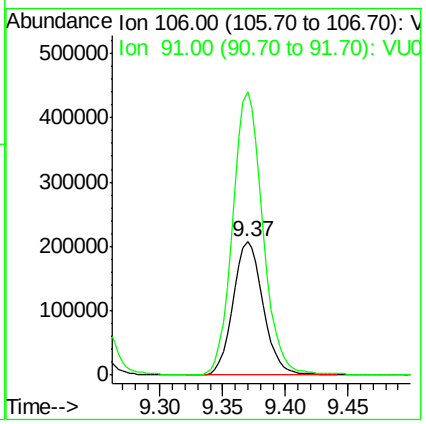


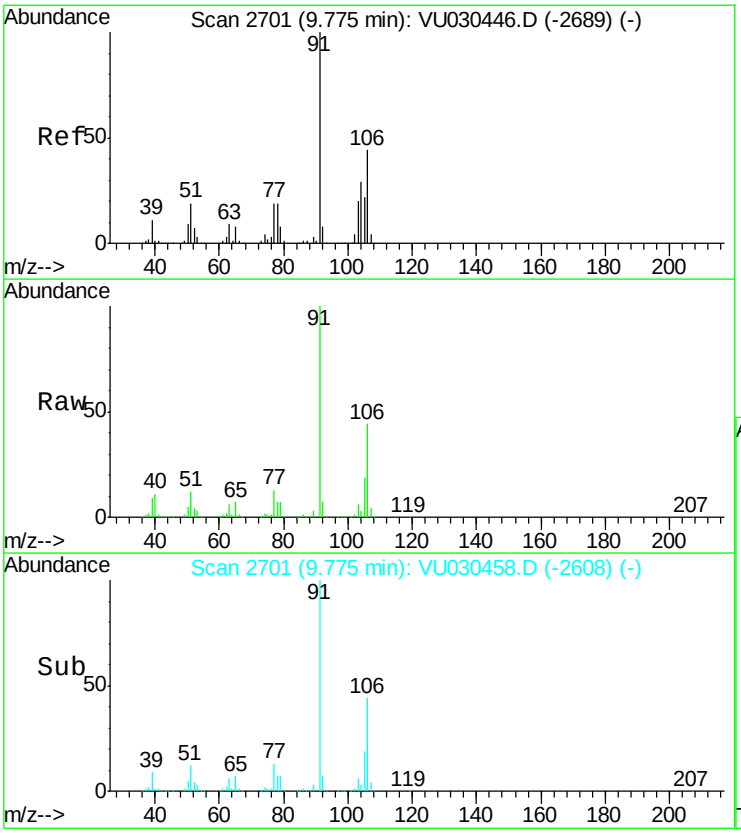
#53
m,p-Xylene
Concen: 59.046 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU030458.D
Acq: 26 Mar 2019 21:03

Instrument : MSVOA_U
ClientSampleId : DB6R5DL

Tgt Ion:106 Resp: 345011

Ion	Ratio	Lower	Upper
106	100		
91	212.6	151.2	280.8





#54
o-xylene
Concen: 26.788 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU030458.D
Acq: 26 Mar 2019 21:03

Tgt Ion:106 Resp: 152729

Ion	Ratio	Lower	Upper
106	100		
91	228.9	159.6	296.4