Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017104.D
Acq On : 25 Jun 2020 05:05
Operator : SY/MD
Sample : L3102-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9L57

Quant Time: Jun 25 06:20:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 05:27:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	176768	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	170269	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	82483	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	36769	3.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.40%			
7) Chloroethane-d5	1.58	69	30488	3.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.00%			
11) 1,1-Dichloroethene-d2	2.13	63	59423	2.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.80%#			
20) 2-Butanone-d5	3.92	46	109359	40.44	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.88%			
24) Chloroform-d	4.38	84	96959	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	5.06	65	52924	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
32) Benzene-d6	5.08	84	181187	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.00%			
36) 1,2-Dichloropropane-d6	6.09	67	54860	4.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.00%			
41) Toluene-d8	7.34	98	163757	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
45) trans-1,3-Dichloropropene-	7.64	79	20980	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
48) 2-Hexanone-d5	8.11	63	80172	38.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.40%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39731	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	64799	4.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	79105	6.820	ug/L	97
13) Acetone	2.20	43	10094	7.385	ug/L	88
30) Cyclohexane	4.70	56	18122	0.934	ug/L	96
42) Toluene	7.41	91	14915	0.288	ug/L	90
54) Ethylbenzene	9.04	91	14008	0.253	ug/L	100
55) m,p-xylene	9.16	106	26020	1.199	ug/L	99
56) o-xylene	9.57	106	19840	0.980	ug/L	93

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 05:27:24 2020
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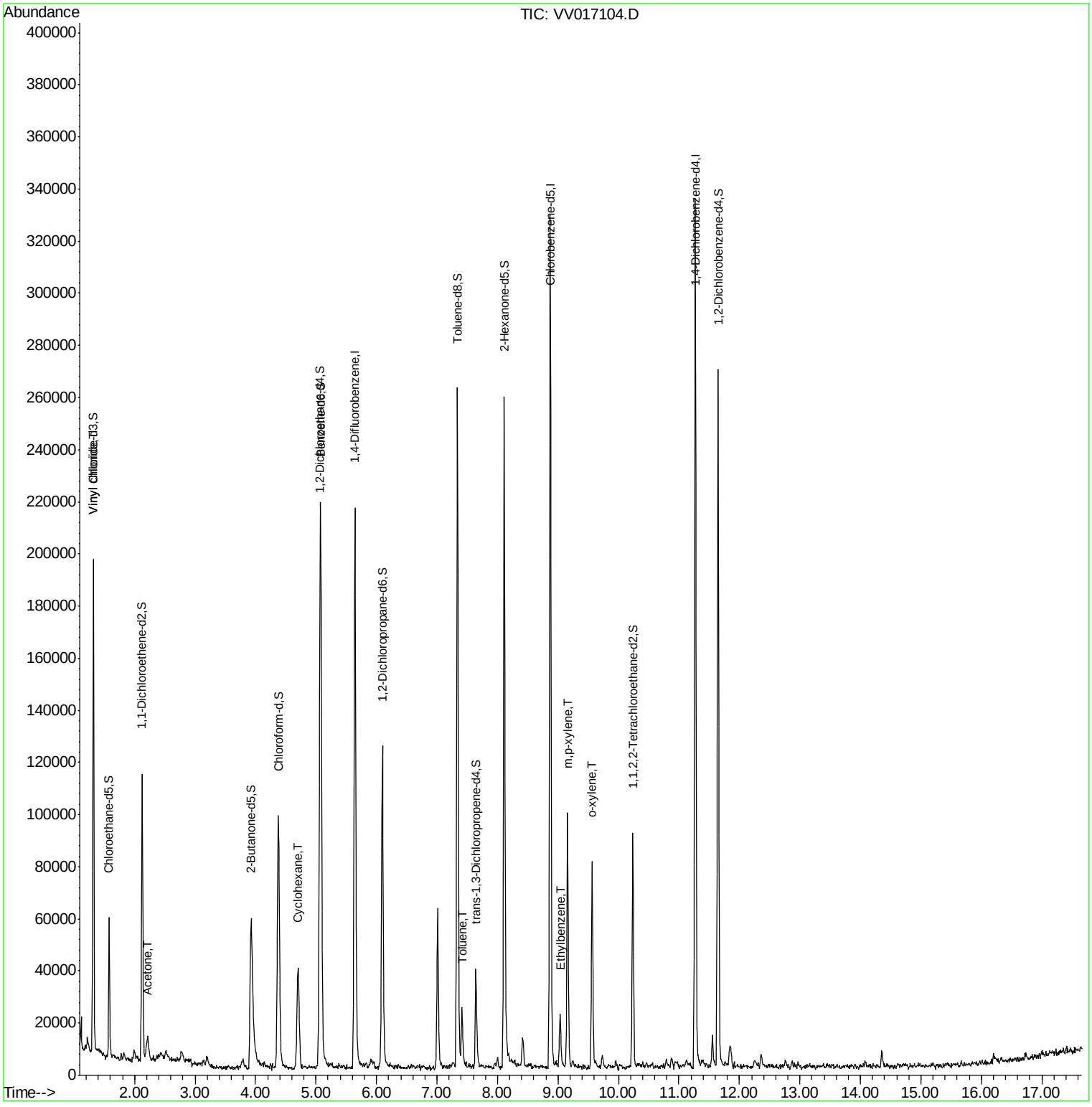
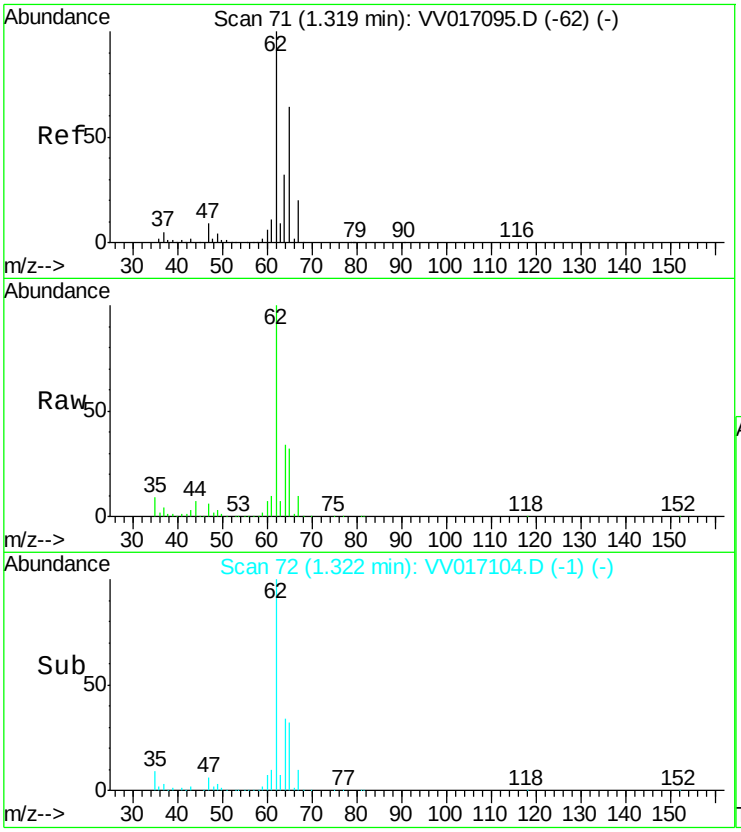


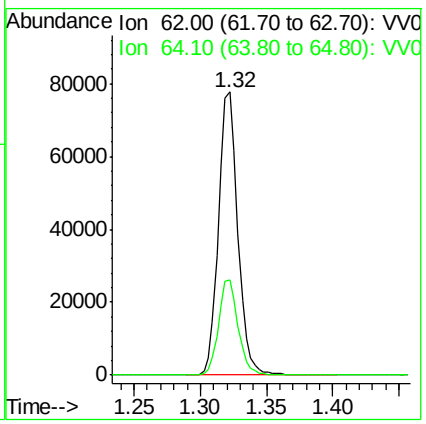


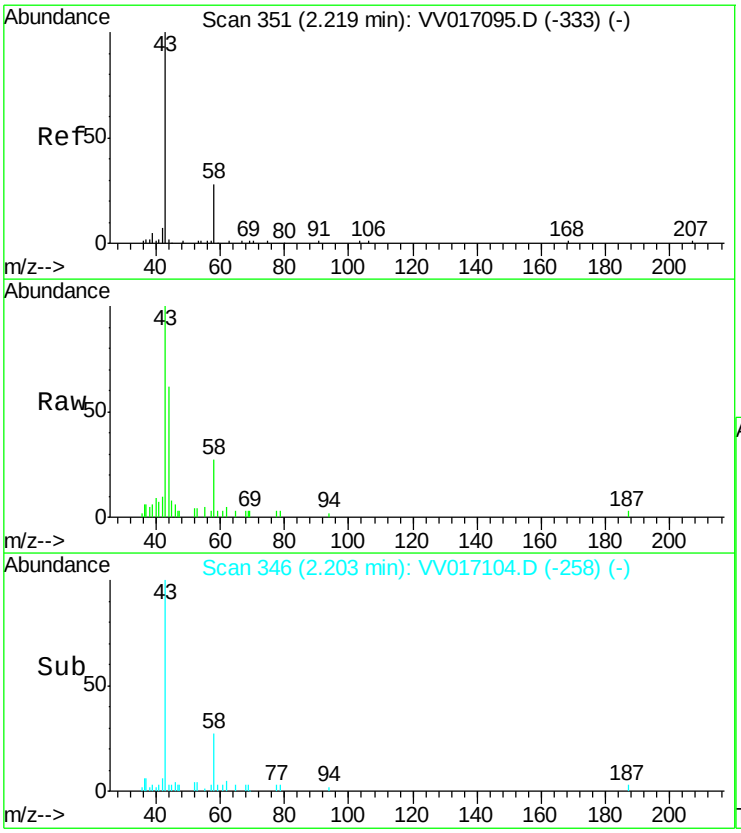
#5
Vinyl chloride
Concen: 6.820 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV017104.D
Acq: 25 Jun 2020 05:05

Instrument : MSVOA_V
ClientSampleId : F9L57

Tgt Ion: 62 Resp: 79105

Ion	Ratio	Lower	Upper
62	100		
64	33.7	22.5	41.7

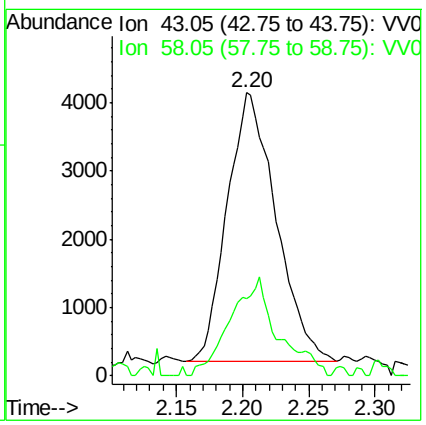


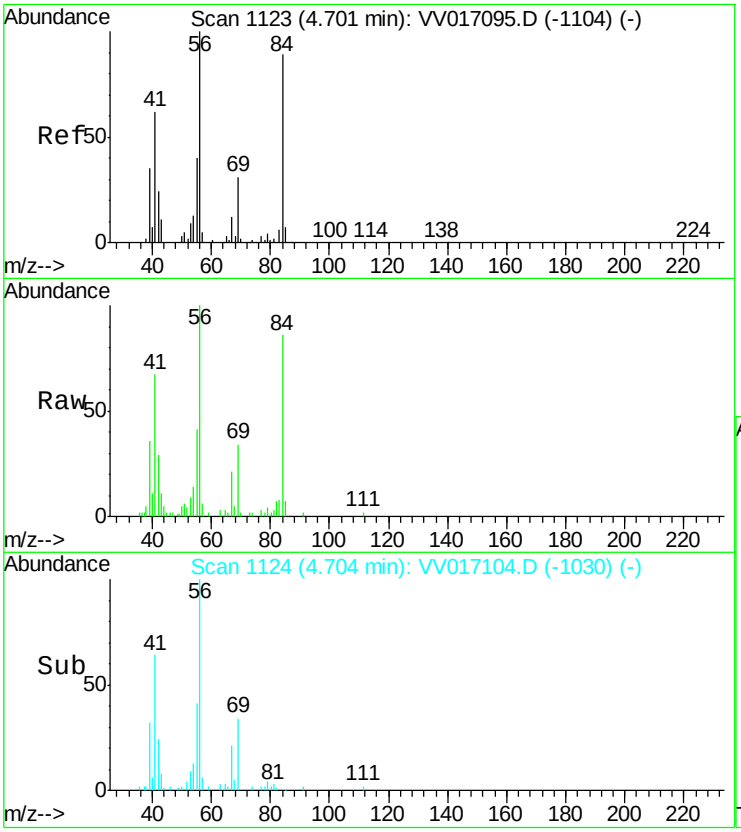


#13
Acetone
Concen: 7.385 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.02 min
Lab File: VV017104.D
Acq: 25 Jun 2020 05:05

Tgt Ion: 43 Resp: 10094

Ion	Ratio	Lower	Upper
43	100		
58	35.9	0.0	58.4



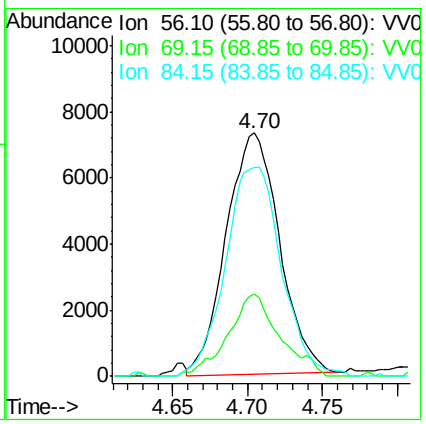


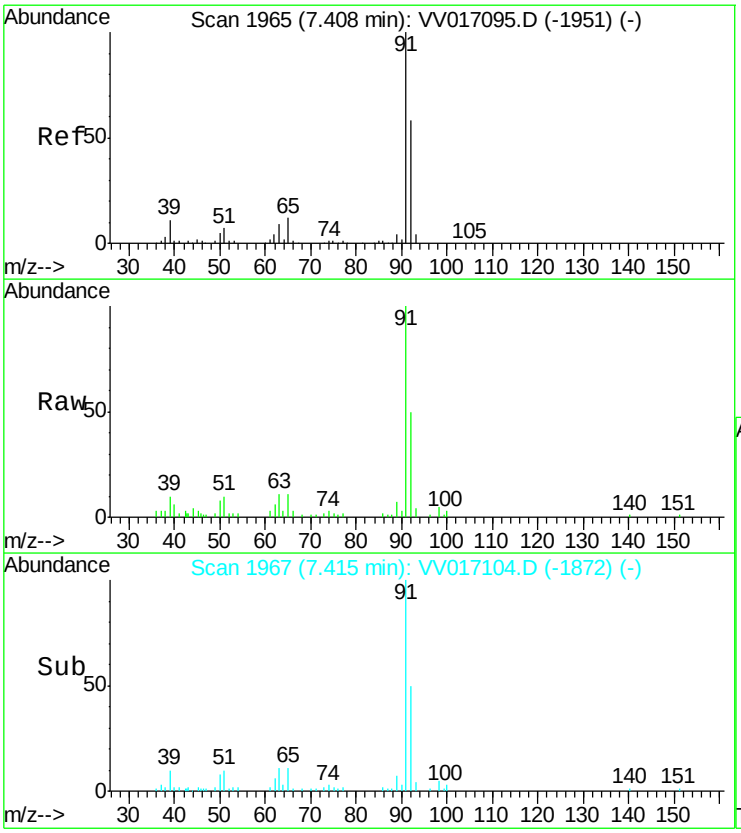
#30
Cyclohexane
Concen: 0.934 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV017104.D
Acq: 25 Jun 2020 05:05

Instrument : MSVOA_V
ClientSampleId : F9L57

Tgt Ion: 56 Resp: 18122

Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.4	36.6
84	91.3	69.9	104.9

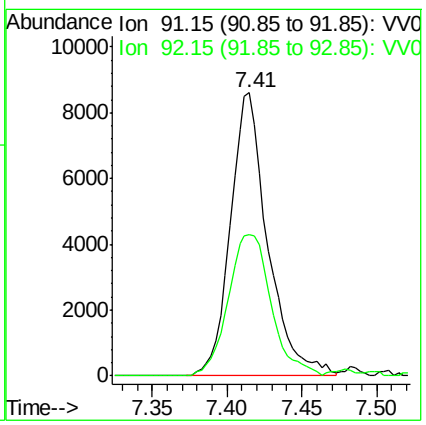


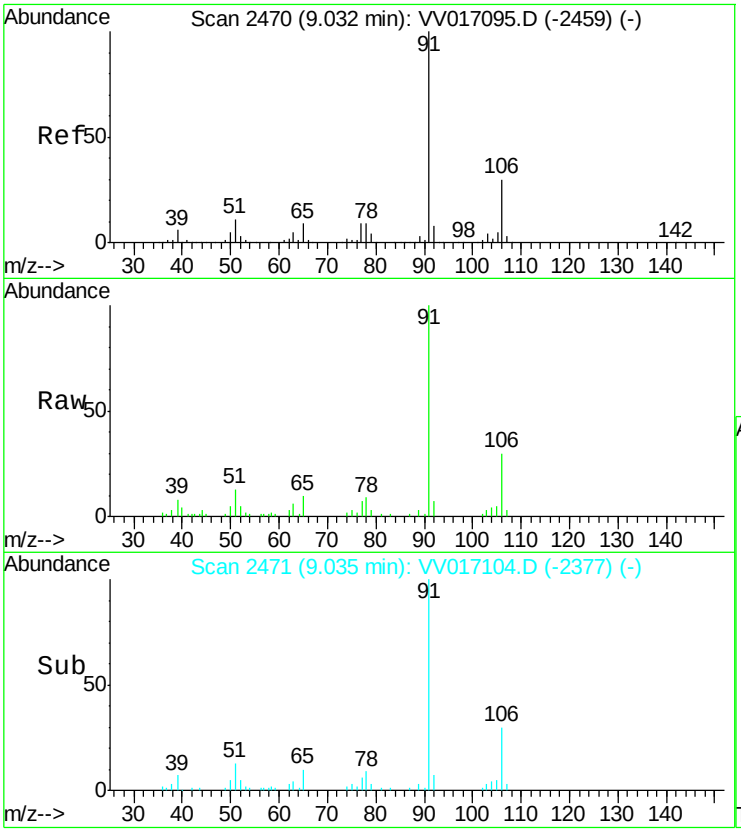


#42
Toluene
Concen: 0.288 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017104.D
Acq: 25 Jun 2020 05:05

Tgt Ion: 91 Resp: 14915

Ion	Ratio	Lower	Upper
91	100		
92	50.0	39.9	74.1



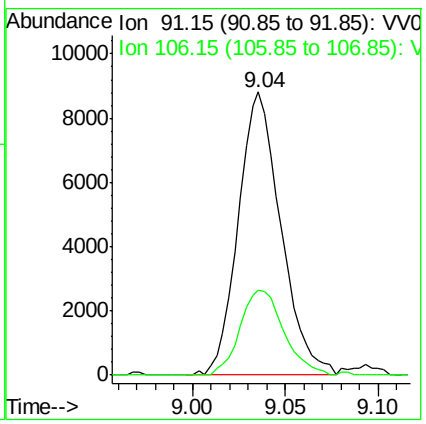


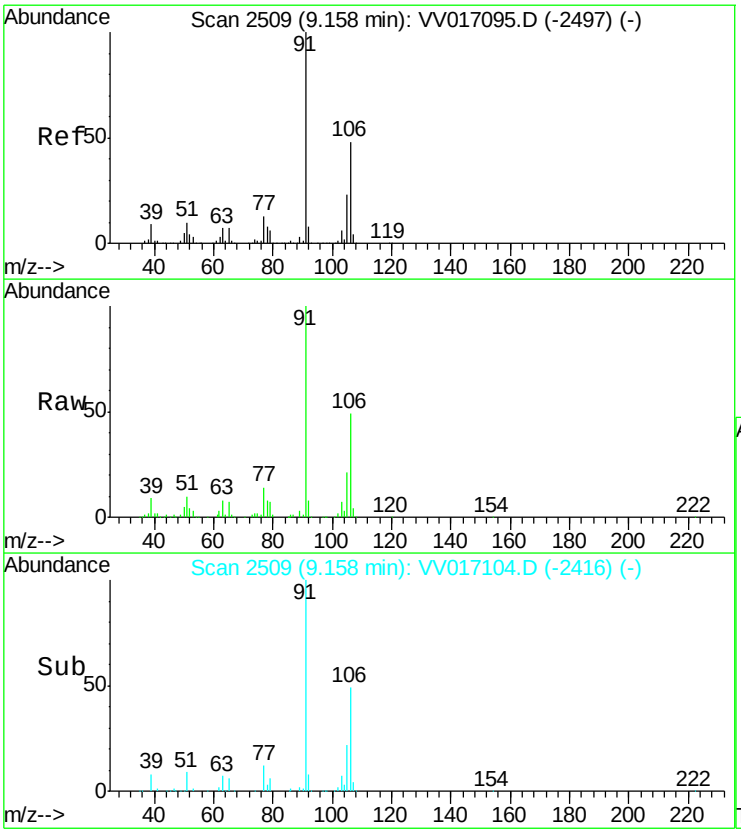
#54
Ethylbenzene
Concen: 0.253 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV017104.D
Acq: 25 Jun 2020 05:05

Tgt Ion: 91 Resp: 14008

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.1	39.1

Instrument :
MSVOA_V
ClientSampleId :
F9L57

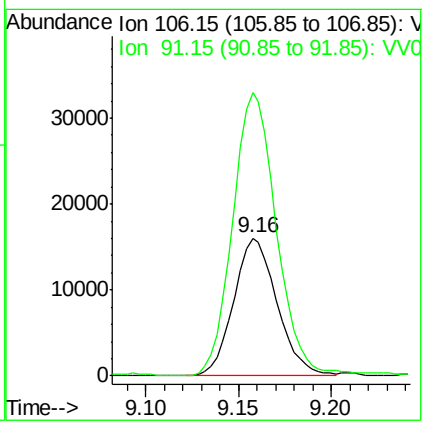


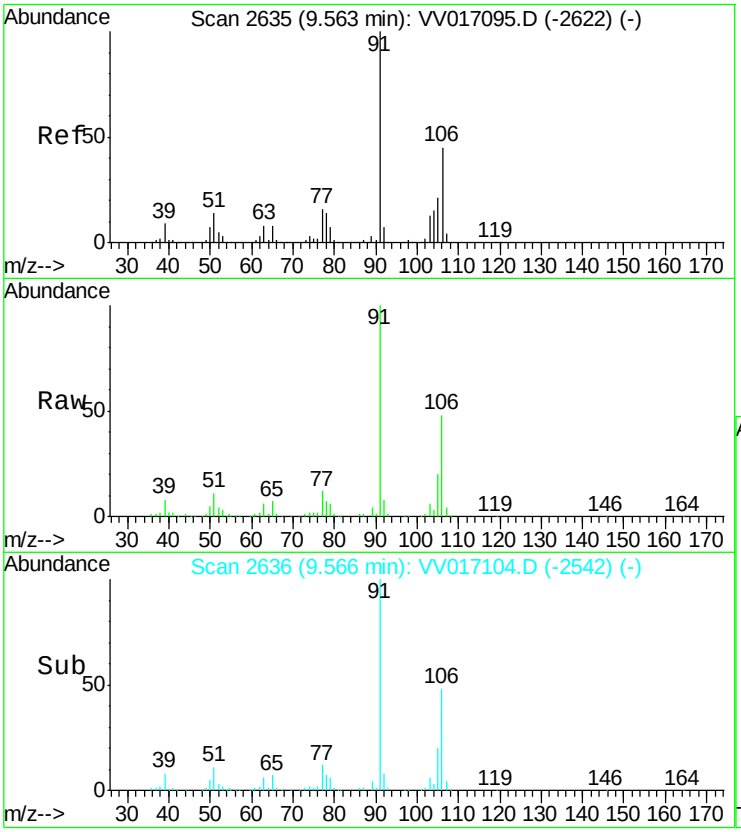


#55
m,p-xylene
Concen: 1.199 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VV017104.D
Acq: 25 Jun 2020 05:05

Tgt Ion:106 Resp: 26020

Ion	Ratio	Lower	Upper
106	100		
91	205.3	142.7	264.9

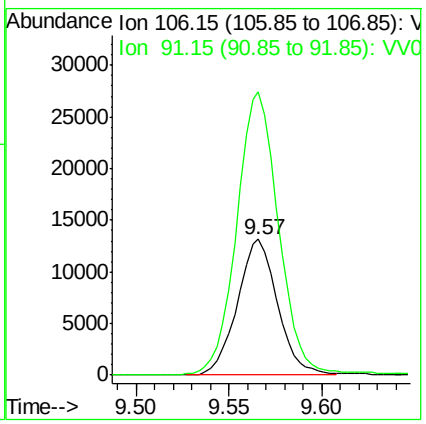




#56
o-xylene
Concen: 0.980 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017104.D
Acq: 25 Jun 2020 05:05

Tgt Ion:106 Resp: 19840

Ion	Ratio	Lower	Upper
106	100		
91	208.4	153.6	285.2



Instrument :
MSVOA_V
ClientSampleId :
F9L57