Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017648.D
Acq On : 24 Jul 2020 14:51
Operator : SY/MD
Sample : L3395-11DL 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY19DL

Quant Time: Jul 25 01:35:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	177011	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165714	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	92031	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	39339	4.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.00%			
7) Chloroethane-d5	1.58	69	31863	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.12	63	66575	3.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.20%			
20) 2-Butanone-d5	3.95	46	87809	43.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.86%			
24) Chloroform-d	4.38	84	93590	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.06	65	51742	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.07	84	175700	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.09	67	47188	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.34	98	169997	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
45) trans-1,3-Dichloropropene-	7.65	79	19979	4.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.80%			
48) 2-Hexanone-d5	8.11	63	67723	47.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.98%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32249	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	70252	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
30) Cyclohexane	4.69	56	66475	3.619	ug/L	94
33) Benzene	5.12	78	379702	8.095	ug/L	100
35) Methylcyclohexane	6.15	83	35854	1.809	ug/L #	85
42) Toluene	7.41	91	364500	7.123	ug/L	100
54) Ethylbenzene	9.03	91	1430165	24.963	ug/L	100
55) m,p-xylene	9.16	106	1793835	83.136	ug/L	94
56) o-xylene	9.56	106	268902	12.842	ug/L	97
58) Isopropylbenzene	9.95	105	45952	0.796	ug/L	99

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

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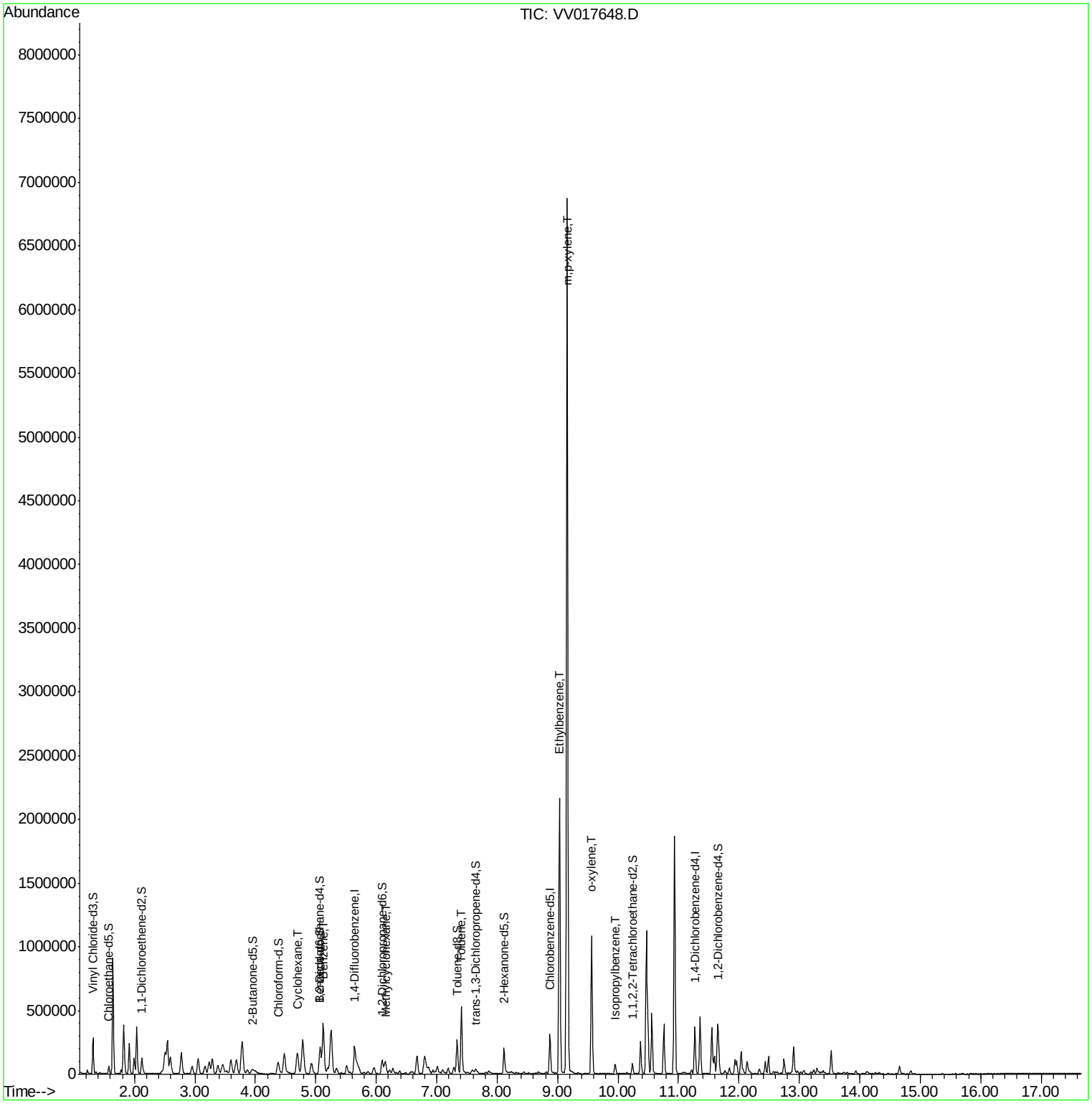
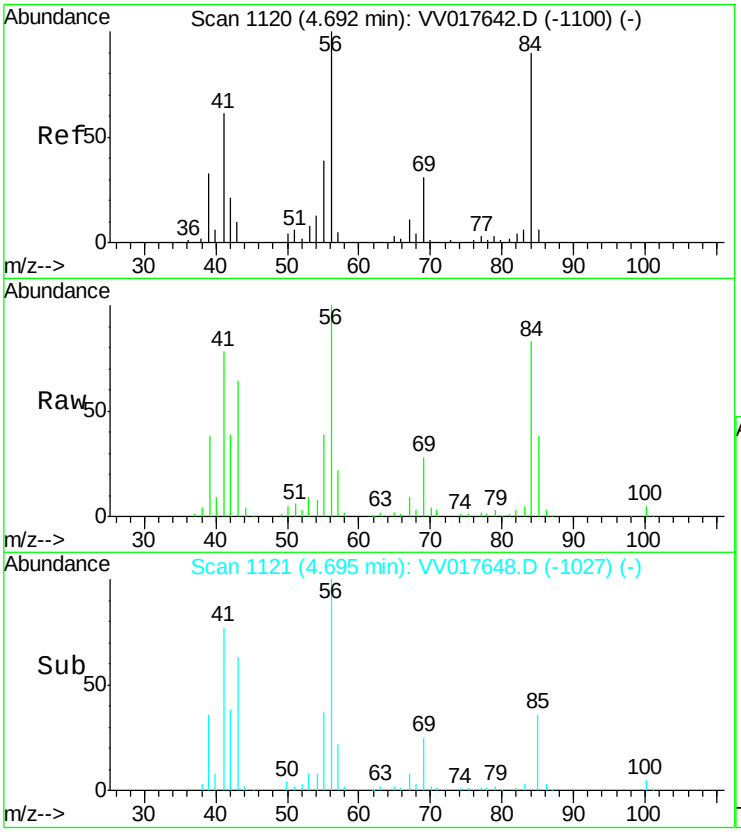


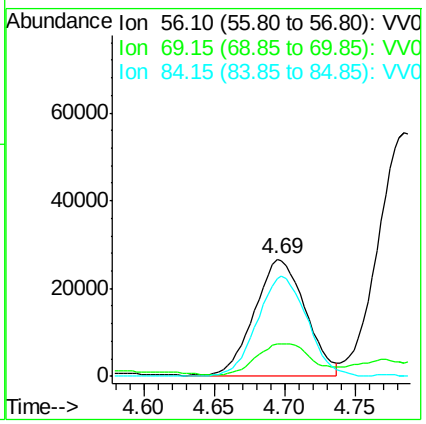


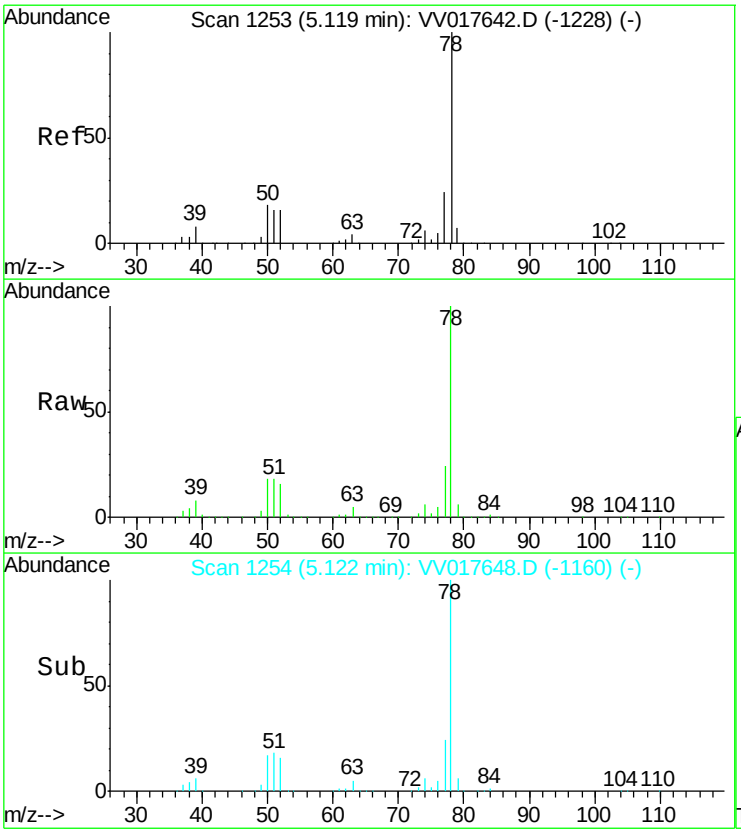
#30
Cyclohexane
Concen: 3.619 ug/L
RT: 4.69 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VV017648.D
Acq: 24 Jul 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :
GAY19DL

Tgt Ion: 56 Resp: 66475

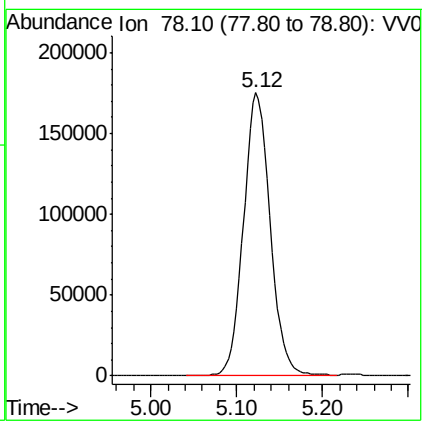
Ion	Ratio	Lower	Upper
56	100		
69	29.7	25.4	38.2
84	84.3	73.0	109.4

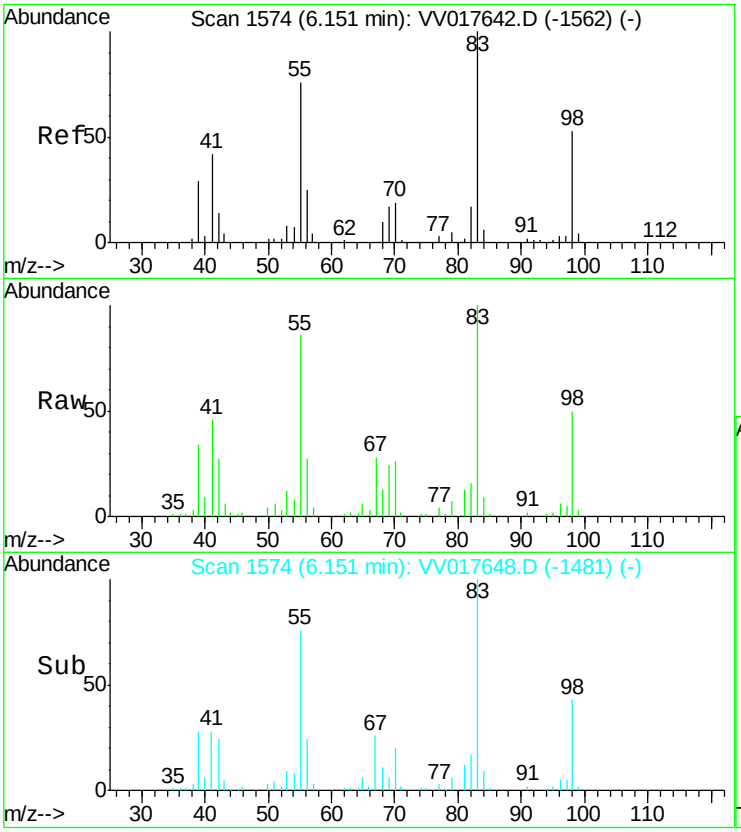




#33
Benzene
Concen: 8.095 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV017648.D
Acq: 24 Jul 2020 14:51

Tgt Ion: 78 Resp: 379702



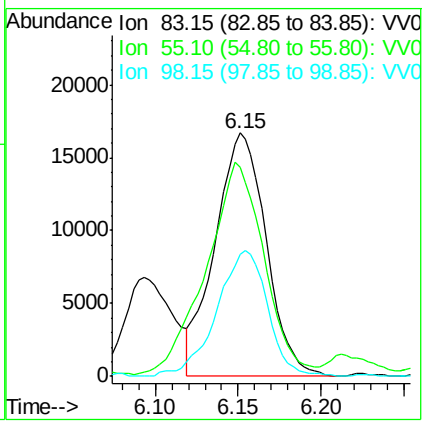


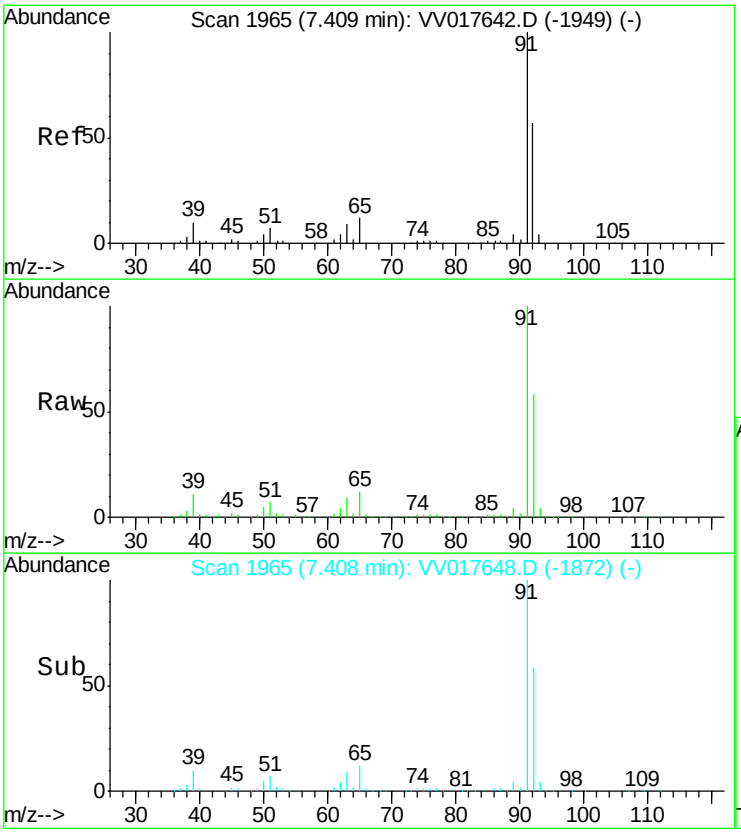
#35
Methylcyclohexane
Concen: 1.809 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV017648.D
Acq: 24 Jul 2020 14:51

Instrument : MSVOA_V
ClientSampleId : GAY19DL

Tgt Ion: 83 Resp: 35854

Ion	Ratio	Lower	Upper
83	100		
55	96.9	61.8	92.8#
98	51.4	39.0	58.6

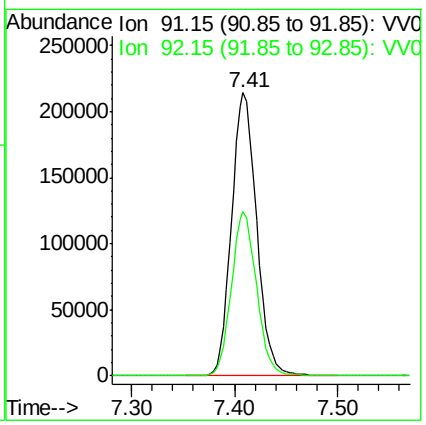


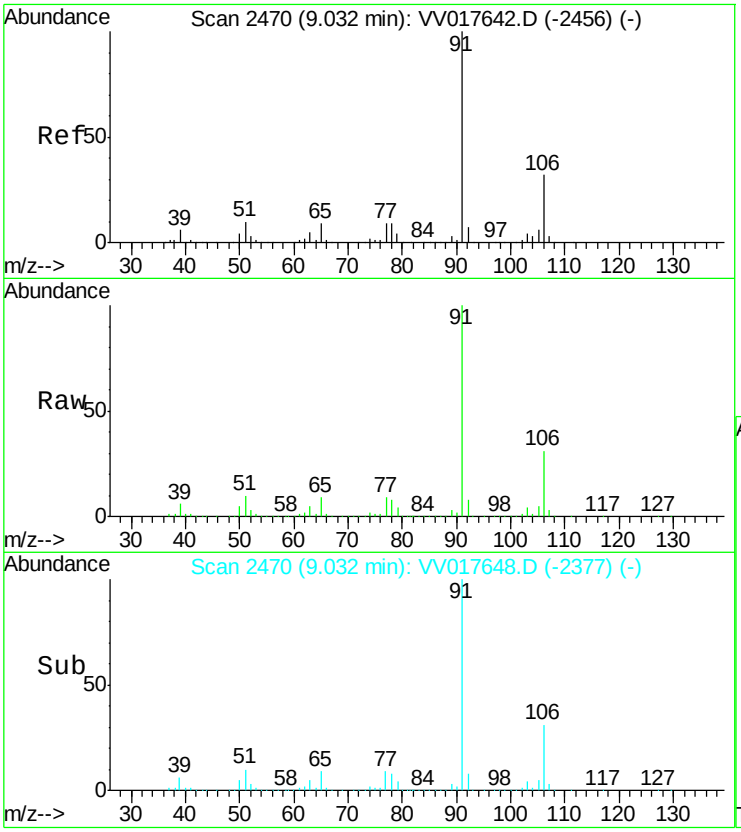


#42
Toluene
Concen: 7.123 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV017648.D
Acq: 24 Jul 2020 14:51

Tgt Ion: 91 Resp: 364500

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.8	75.8



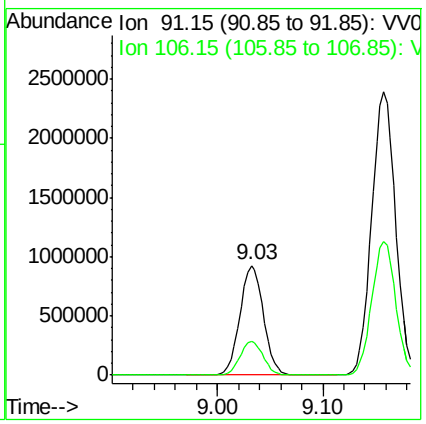


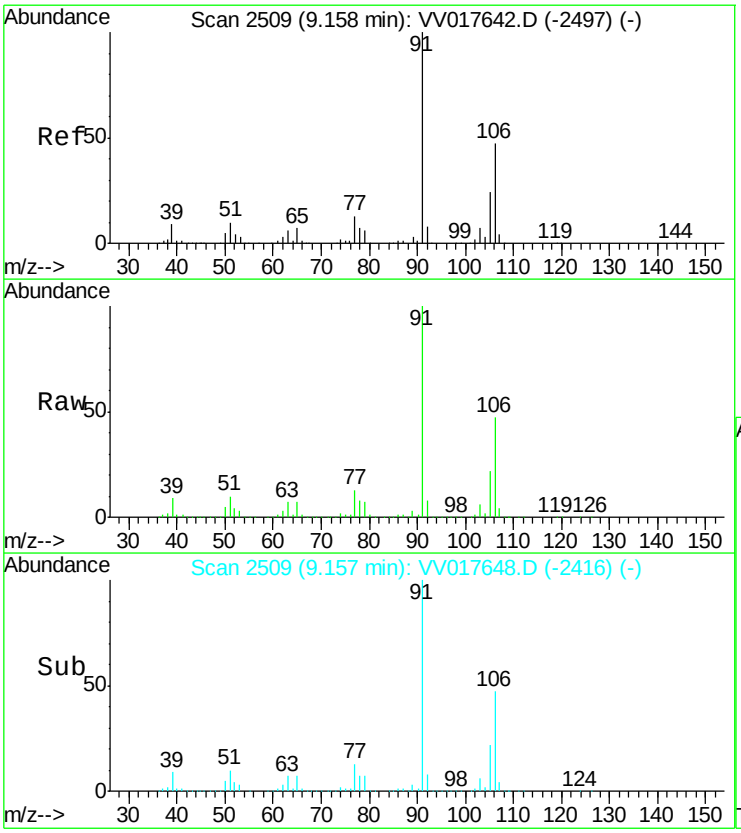
#54
Ethylbenzene
Concen: 24.963 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV017648.D
Acq: 24 Jul 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :
GAY19DL

Tgt Ion: 91 Resp: 1430165

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.6	40.2

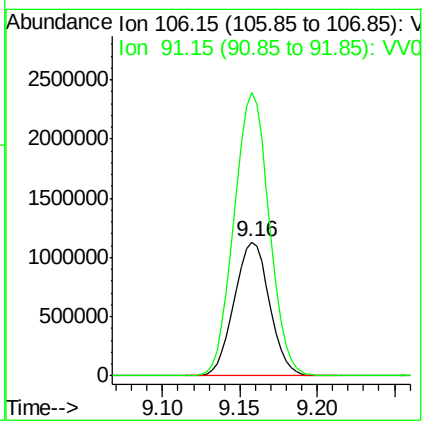


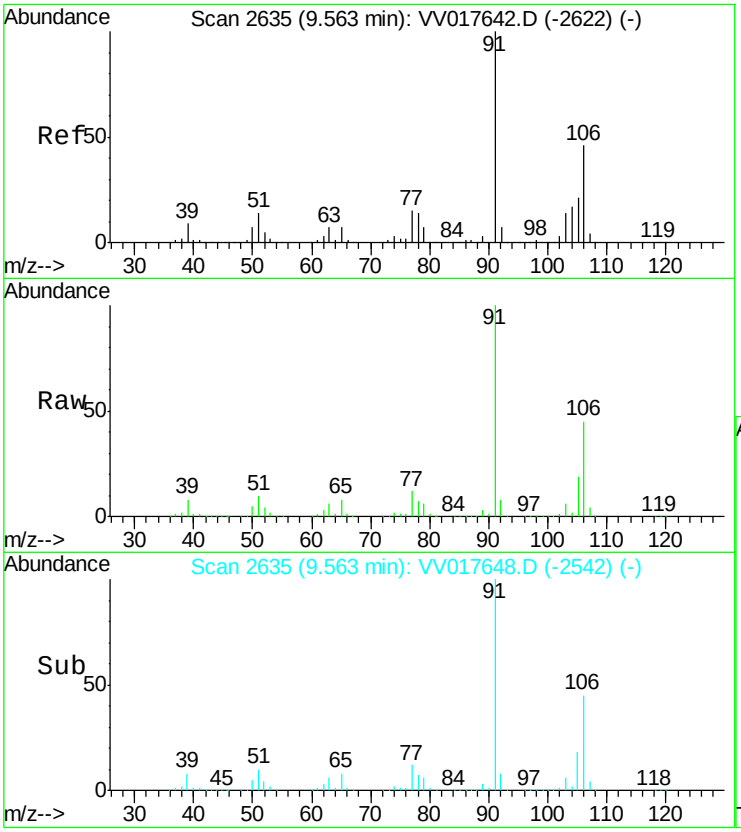


#55
m,p-xylene
Concen: 83.136 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV017648.D
Acq: 24 Jul 2020 14:51

Tgt Ion:106 Resp: 1793835

Ion	Ratio	Lower	Upper
106	100		
91	211.3	141.3	262.3



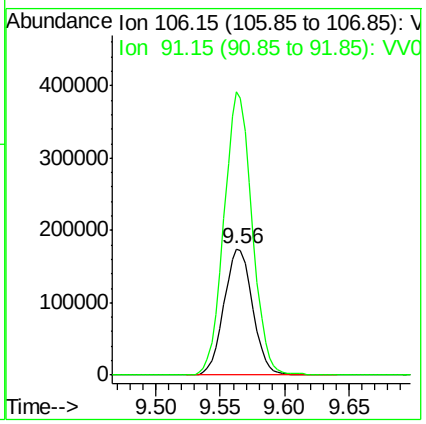


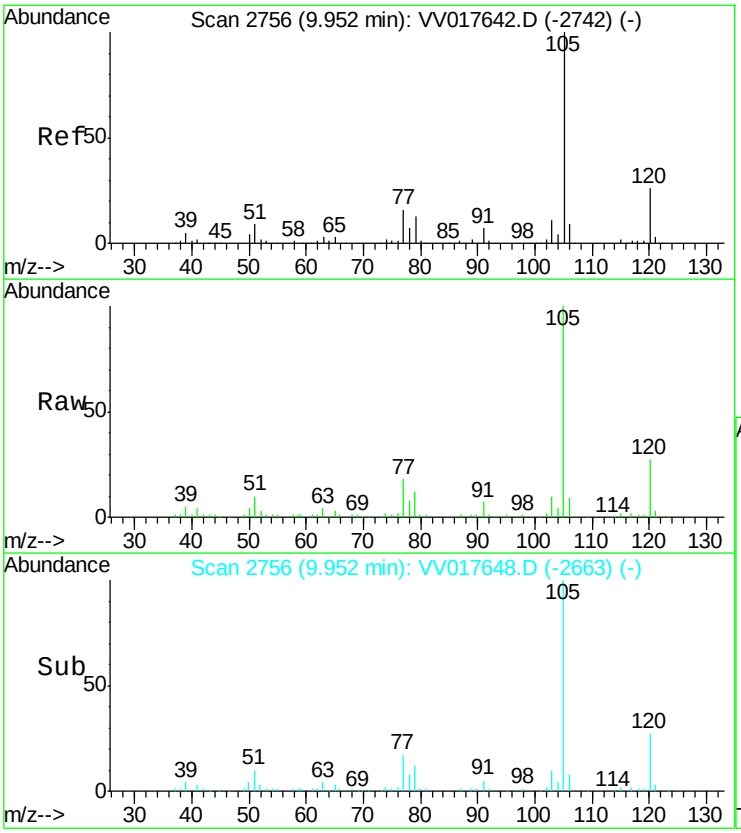
#56
o-xylene
Concen: 12.842 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV017648.D
Acq: 24 Jul 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :
GAY19DL

Tgt Ion:106 Resp: 268902

Ion	Ratio	Lower	Upper
106	100		
91	223.8	153.9	285.7





#58
Isopropylbenzene
Concen: 0.796 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV017648.D
Acq: 24 Jul 2020 14:51

Tgt Ion:105 Resp: 45952

Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.1	31.7
77	17.3	13.0	19.6